SEQUENCE LISTING

<110> VANDERBILT UNIVERSITY

<120> HUMAN MONOCLONAL ANTIBODIES TO SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-CoV- 2)

<130> VBLT.P0307WO1

<150> US 62/972,877
<151> 2020-02-11

<150> US 62/994,627
<151> 2020-03-25

<160> 9901

<170> PatentIn version 3.5

<210> 1
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1

Cys Ser Tyr Ala Gly Ser Ser Thr Val Val Phe
1 5 10

<210> 2
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2
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caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 3

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3

Phe Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 4
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4
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ttcggcgga 129

<210> 5
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5

Phe Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
        35   40

<210> 6
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6
tgtaatcgct tctctggctc caagtctggc atcacggcct ccctgacaat ctctgggctc 60

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ttcggcgga 129

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7

Cys Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
        35   40

<210> 8
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8
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ttcggcgga 129

<210> 9
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9

Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 10
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 10
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ttcggcgga 129

<210> 11
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 11

Ser His Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 12
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

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ttcggcgga 129

<210> 13
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 13

Ser His Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr

1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 14
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 14
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caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag caccgtggta 120

ttcggcgga 129

<210> 15
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 15

Ser Thr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 16

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

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caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 17
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 17

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Gly Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 18
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 18
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caggctgatg acgaggctga ttattactgc tgctcatatg caggtagtag caccgtggta 120

ttcggcgga 129

<210> 19
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 19

Ser Asn Arg Phe Ser Cys Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 20
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 20
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caggctgagg acgatgctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 21
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 21

Ser Asn Arg Phe Ser Cys Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Asp Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
        35   40

<210> 22
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 22
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caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 23
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 23

Ser Asn Arg Phe Ser Val Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
        35   40

<210> 24
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 24
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caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 25
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 25

Ser Asn Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 26
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 26
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caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 27
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 27

Ser Asn Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 28
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caggctgagg acgagtctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 29
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 29

Ser Asn Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 30
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 30
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caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgttgta 120

ttcggcgga 129

<210> 31
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 31
tctaatcgct tctctggctc caagtctggc tactcggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag caccgtggta 120

ttcggcgga 129

<210> 32
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 32

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 33
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 33
tctaatcgct tctctggctc caagtctggc tacacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 34
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 34

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 35
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 35
tctaatcgct tctctggctc caagtctggc tacacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag caccgtggta 120

ttcggcgga 129

<210> 36
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 36
tctaatcgct tctctggctc caagtctggc atcacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 37
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 37

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr

1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 38
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 38
tctaatcgct tctctggctc caagtctggc atcacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtagta 120

ttcggcgga 129

<210> 39
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 39
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgacaat ctctgggctc 60

caggctgatg acgaggctga ttattactgc tgctcatatg caggtagtag caccgtggta 120

ttcggcgga 129

<210> 40
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 40

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 41
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 41
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caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtagta 120

ttcggcgga 129

<210> 42
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 42

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly

35 40

<210> 43
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 43
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caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcggt 129

<210> 44
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 44

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Arg
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 45
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 45

tctaatcgct tctctggctc caagtctggc aacacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag caccgtggtt 120

ttcggcgga 129

<210> 46
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 46

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 47
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 47
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caggctgagg acgaggctga ttattactgc tgctcgtatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 48
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 48
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

cagtctgagg acgagtctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 49
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 49

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ser Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
        35   40

<210> 50
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 50
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caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 51

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 51
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caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtagta 120

ttcggcgga 129

<210> 52
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 52
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caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag caccgtggta 120

ttcggcgga 129

<210> 53
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 53
tctaatcgct tctctgactc caagtctggc aacacggcct ccctggcaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag caccgtggta 120

ttcggcgga 129

<210> 54
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 54

Ser Asn Arg Phe Ser Asp Ser Lys Ser Gly Asn Thr Ala Ser Leu Ala
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 55
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 55
gtaattcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 56
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 56

Val Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 57
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 57
cttatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 58
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 58

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 59
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 59
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caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag caccgtggta 120

ttcggcgga 129

<210> 60
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 60
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caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 61
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 61
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg cgggtagtag cactgtggta 120

tttggcgga 129

<210> 62
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 62
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 63
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 63
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtagta 120

ttcggcgga 129

<210> 64
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 64
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag caccgtggta 120

ttcggcgga 129

<210> 65
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 65

ctaatacgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 66
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 66
cctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acggggctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 67
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 67

Pro Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Gly Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 68
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 68
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgagactga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 69
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 69

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Thr Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
        35   40

<210> 70
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 70
gctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtggta 120

ttcggcgga 129

<210> 71

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 71

Ala Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 72
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 72
tcttatcgct tctctggctc caagtctggc aacacggcct ccctgagaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg cgggtagtag cactgtggta 120

tttggcgga 129

<210> 73
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 73

Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Arg
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
        35   40

<210> 74
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 74
tctattcgct tctctggctc caagtctggc aagacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg cgggtagtag cactgtggta 120

tttggcgga 129

<210> 75
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 75

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
        35   40

<210> 76
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 76
tctaatcgct tctctggctc cttgtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg cgggtagtag cactgtggta 120

tttggcgga 129

<210> 77
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 77

Ser Asn Arg Phe Ser Gly Ser Leu Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 78
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 78
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgagaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg cgggtagtag cactgtggta 120

tttggcgga 129

<210> 79
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 79

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Arg
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 80
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 80
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg cgggtagtag cactgtggta 120

tttggcgga 129

<210> 81
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 81
tctaatcgct tctctggctc caagtctggc aacacggcct ccccgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactac tgctcatatg cgggtagtag cactgtggta 120

tttggcgga 129

<210> 82
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 82

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Pro Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Tyr Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 83
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 83

Cys Ser Tyr Ala Gly Ser Ser Thr Leu Val Phe
1 5 10

<210> 84
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 84

ttctatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 85
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 85

Phe Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 86
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 86
tgtaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgtgctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 87
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 87

Cys Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 88
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 88
tgtaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgtgctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttagta   120

ttcggcgga   129

<210> 89
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 89
tcttttcgct tctctggctc caagtctggc aactcggcct ccctgacaat ctctgggctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta   120

ttcggcgga   129

<210> 90

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 90

Ser Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 91
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 91
tcttatcgct tctctggctc caagtctggc atcacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 92
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 92

Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 93
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 93
tctattcgct tctctggctc caagtctggc atcacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 94
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 94

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 95
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 95
tctattcgct tctctggctc caagtctggc aactcggcct ccctgacaat ctctgggctc 60

cagtctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 96
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 96

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 97
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 97
tctactcgct tctctggctc caagtcttgc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 98
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 98

Ser Thr Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 99
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 99
tctactcgct tctctggctc caagtctggc aactcggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 100
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 100

Ser Thr Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr

1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 101
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 101
tctaatcgct tgtctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggatga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 102
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 102

Ser Asn Arg Leu Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Asp Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 103

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 103
tctaatcgct tctctgtctc caagtctggc aacacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 104
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 104

Ser Asn Arg Phe Ser Val Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 105
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 105
tctaatcgct tctctggctc gaagtctggc aacacggcct ccctgacaat ctctgggctc 60

cagtctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 106
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 106

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 107
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 107
tctaatcgct tctctggctc gaagtctggc aacacggact ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 108
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 108

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Asp Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 109
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 109
tctaatcgct tctctggctc caggtctggc agcacggcct ccctgacaat ctctgggctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta   120

ttcggcgga   129

<210> 110
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 110

Ser Asn Arg Phe Ser Gly Ser Arg Ser Gly Ser Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 111
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 111
tctaatcgct tctctggctc caagtctggc tacacggcct ccctgacaat ctcttggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 112
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 112

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 113
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 113
tctaatcgct tctctggctc caagtctggc atctcggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 114
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 114

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 115
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 115
tctaatcgct tctctggctc caagtctggc atcacggcct ccctgactat ctcttggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttagta 120

ttcggcgga 129

<210> 116
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 116

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 117
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 117
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgagaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 118
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 118

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Arg
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly

35 40

<210> 119
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 119
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttagta 120

ttcggcgga 129

<210> 120
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 120

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 121
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 121

tctaatcgct tctctggctc caagtctggc aacagggcct ccctgacatt ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 122
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 122

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Arg Ala Ser Leu Thr
1 5 10 15

Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 123
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 123
tctaatcgct tctctggctc caagtctggc aacacggcgt acctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 124
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 124

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Tyr Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 125
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 125
tctaatcgct tctctggctc caagtctggc aacacggcct cgctgacaat ctctggtctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta   120

ttcggcgga   129

<210> 126
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 126

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 127
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 127
tctaatcgct tctctggctc caagtctggc aacacggcct cgctgacaat ctctgggctg 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 128
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 128
tctaatcgct tctctggctc caagtctggc aacacggcct cccttacaat ctctgtgctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 129
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 129

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 130
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 130
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctcttggctc   60

cagtctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta   120

ttcggcgga   129

<210> 131
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 131

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Trp Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 132
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 132
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 133
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 133
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttagta 120

ttcggcgga 129

<210> 134
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 134
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactctggta 120

ttcggcgga 129

<210> 135
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 135
tctaatcgct tctctggctc caagtctggc aacacggccg ccctgacact ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 136
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 136

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ala Leu Thr
1   5   10   15

Leu Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 137
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 137
tctaatcgca tctctggctc caagtcaggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 138

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 138

Ser Asn Arg Ile Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 139
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 139
tcaattcgct tctctggctc caagtctggc aacacggcct ccccgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 140
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 140

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Pro Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 141
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 141
gtaattcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 142
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 142

Val Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 143
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 143
gctaatcgct gctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 144
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 144

Ala Asn Arg Cys Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 145
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 145
cttattcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 146
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 146

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 147
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 147
cttatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 148
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 148
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggta 120

ttcggcgga 129

<210> 149
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 149
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttagta 120

ttcggcgga 129

<210> 150
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 150
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactctggta 120

ttcggcgga 129

<210> 151
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 151
tttctaatcg cttctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttagta 120

ttcggcgga 129

<210> 152
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 152

Phe Leu Ile Ala Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 153
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 153

Cys Ser Tyr Ala Gly Ser Ser Thr Tyr Val Phe
1 5 10

<210> 154
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 154
ttctatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 155
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 155

Phe Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 156
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 156
tctcatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctggtgtc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 157
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 157

Ser His Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Val Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 158
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 158
tctattcgct tctctggctt caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattacagc tgctcatatg caggtagtag cacttatgtc 120

ttcagaact 129

<210> 159
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 159

Ser Ile Arg Phe Ser Gly Phe Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Ser Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Arg Thr

35 40

<210> 160
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 160
tctattcgct tctctggctc gaagtctggc aagacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 161
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 161

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 162
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 162

tctattcgct tctctggctc ctggtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 163
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 163

Ser Ile Arg Phe Ser Gly Ser Trp Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 164
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 164
tctattcgct tctctggctc catgtctggc aacacggcct ccctgacaat ctcttggctc 60

caggctgagg acgagtctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 165
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 165

Ser Ile Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Trp Leu Gln Ala Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
        35   40

<210> 166
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 166
tctattcgct tctctggctc caagtctggc atcacggcat ccctgacaat ctctgggctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc   120

ttcggaact   129

<210> 167
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 167

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 168
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 168
tctattcgct tctctggctc caagtctggc aacacggcct ccctgtcaat ctctgggctc 60

ctggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 169
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 169

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ser
1 5 10 15

Ile Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 170
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 170
tctaatcgct tctctggctg caagtctggc atcacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 171
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 171

Ser Asn Arg Phe Ser Gly Cys Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 172
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 172
tctaatcgct tctctggctc caagtcttgc atcacggcct ccctgagaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 173
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 173

Ser Asn Arg Phe Ser Gly Ser Lys Ser Cys Ile Thr Ala Ser Leu Arg
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 174
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 174
tctaatcgct tctctggctc caagtctggc atcacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggtact 129

<210> 175
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 175

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 176
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 176
tctaatcgct tctctggctc caagtctggc aagtcggcct ccctgagaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 177
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 177

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Lys Ser Ala Ser Leu Arg
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 178
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 178
tctaatcgct tctctggctc caagtctggc aactcgggct ccctgacaat ctctgggctc 60

caggctgagg acgagtctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 179
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 179

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Gly Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
        35   40

<210> 180
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 180
tctaatcgct tctctggctc caagtctggc aacagggcct gcctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 181

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 181

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Arg Ala Cys Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 182
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 182
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacact ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 183
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 183

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Leu Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
        35   40

<210> 184
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 184
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctggtctc 60

caggctgagg acgagtctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 185
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 185

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
        35   40

<210> 186
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 186
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctggggtc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 187
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 187

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Val Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 188
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 188
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

ccggctgagg acgcggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 189
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 189

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Pro Ala Glu Asp Ala Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 190
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 190
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgatg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggatct 129

<210> 191
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 191

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr

1 5 10 15

Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Ser
35 40

<210> 192
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 192
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgagtctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 193
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 193
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 194
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 194

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 195
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 195
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctggcctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag tacttatgtc 120

ttcggaact 129

<210> 196
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 196
tctaatcgct tctctggctc caagtctggc aacacggcat ccctgacaat ctctgggctc 60

cagtctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 197
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 197

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 198
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 198
tctaatcgct tctctggctc caagtctggc aacaaggcct ccctgacaat ctctgggctc 60

cagtctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 199
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 199

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Lys Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 200
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 200
gtaatacgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 201
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 201

Val Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 202
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 202
gcaattcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 203
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 203

Ala Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
        35   40

<210> 204
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 204
cttattcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 205

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 205

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 206
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 206
cttatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 207
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 207
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgagtctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 208
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 208

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Val Phe Gly Thr
35 40

<210> 209
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 209
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 210
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 210

ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctggcctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag tacttatgtc 120

ttcggaact 129

<210> 211
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 211
ctaatacgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

<210> 212
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 212
tctaatcgct tctctggctc caagtctggg aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttatgtc 120

ttcggaact 129

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 213

Cys Ser Tyr Ala Gly Ser Tyr Thr Tyr Val Phe

1 5 10

<210> 214
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 214
ctgatccgct tctctggctc caagtctggc aacacggcct ccctgacctt ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagtta cacttatgtc 120

ttcggaact 129

<210> 215
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 215

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 216
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 216

ctgatccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 217
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 217

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 218
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 218
ctgatacgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 219
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 219
cgtgatcgct tctctggctc caagtctggc aacacggcct ccctgtccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 220
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 220

Arg Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ser
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
        35   40

<210> 221
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 221
cgtgatcgct tctctggctc caagtctggc aacacggcct ccctgagcat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 222

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 222
cctgatggct tctctggctc caagtctggc aagacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 223
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 223

Pro Asp Gly Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 224
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 224
cctgatcggt tctctggctc caagtctggc atctcggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 225
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 225

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 226
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 226
cctgatcgct tctctggctc gaagtctggc atctcggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 227
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 227

cctgatcgct tctctggctc gaagtctggc aactcggcct ccctgacctt ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagtta cacttatgtc 120

ttcggaact 129

<210> 228
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 228

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 229
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 229
cctgatcgct tctctggctc gaagtctggc aacacggcct ccctgacctt ctctgggctc 60

caggctgagg atgagtctga ttattactgc tgctcatatg caggcagtta cacttatgtc 120

ttcggaact 129

<210> 230
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 230

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Phe Ser Gly Leu Gln Ala Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
        35   40

<210> 231
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 231
cctgatcgct tctctggctc catgtctggc aacacggcct ccctgaccat ctctgggctc   60

ctggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc   120

ttcggaact   129

<210> 232
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 232

Pro Asp Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 233
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 233
cctgatcgct tctctggctc catgtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggatga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 234
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 234

Pro Asp Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Asp Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 235
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 235
cctgatcgct tctctggctc caagtcttgc aacacggcct ccctgaccat ctctgggctc 60

caggctgatg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 236
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 236

Pro Asp Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 237
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 237
cctgatcgct tctctggctc caagtctggc tacacggcct ccctgacctt ctcttggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagtta cacttatgtc 120

ttcggaact 129

<210> 238
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 238

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1   5   10   15

Phe Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
        35   40

<210> 239
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 239
cctgatcgct tctctggctc caagtctggc atcacggcct ccctgacgat ctctgggctc   60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttacgtc   120

ttcggaact   129

<210> 240
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 240

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 241
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 241
cctgatcgct tctctggctc caagtctggc aactcggcct ccctgagcat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 242
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 242

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Ser
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 243
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 243
cctgatcgct tctctggctc caagtctggc aacacgtcct ccctgaccat ctctgggctc 60

gaggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 244
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 244

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ser Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Glu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
        35   40

<210> 245
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 245
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgacctt ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagtta cacttatgtc 120

ttcggaact 129

<210> 246

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 246

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 247
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 247
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

gaggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggatct 129

<210> 248
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 248

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Glu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Ser
        35   40

<210> 249
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 249
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagt atgaggctga ttattactcc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 250
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 250

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Tyr Glu Ala Asp Tyr Tyr Ser Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
        35   40

<210> 251
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 251
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 252
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 252

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 253
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 253
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttacgtc 120

ttcggaact 129

<210> 254
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 254
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttactactgc tgctcatatg caggcagcta cacttatgtt 120

ttcggaact 129

<210> 255
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 255
cctgatcgct tctctggctc caagtcaggc aacacggccg ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 256
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 256

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ala Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 257
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 257
cctgatcgct tctctggctc caagcctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttacgtc 120

ttcggaacc 129

<210> 258
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 258

Pro Asp Arg Phe Ser Gly Ser Lys Pro Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 259
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 259
cctgatcgct tatctggctc caagtctgtc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 260
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 260

Pro Asp Arg Leu Ser Gly Ser Lys Ser Val Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 261
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 261
cctgatcgct cctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctgg ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 262
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 262

Pro Asp Arg Ser Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Gly Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 263
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 263
cctgatcgct cctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcgtatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 264
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 264

Pro Asp Arg Ser Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 265
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 265
ccgcttcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 266
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 266

Pro Leu Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 267
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 267
actgatcgct tctctggctc caagtcttgc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 268
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 268

Thr Asp Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
        35   40

<210> 269
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 269
actgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggtact 129

<210> 270

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 270

Thr Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 271
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 271
cctgatcgct tctctggctc caagtctggc aacactgcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 272
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 272
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgacgat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttatgtc 120

ttcggaact 129

<210> 273
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 273

Cys Ser Tyr Ala Gly Ser Tyr Thr Trp Val Phe
1 5 10

<210> 274
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 274
gctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctcttggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttgggtg 120

ttcggcgga 129

<210> 275
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 275

Ala Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 276
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 276
ctgttccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagtta cacttgggtg 120

ttcggcgga 129

<210> 277
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 277

Leu Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 278
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 278
ctgatccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagtta cacttgggtg 120

ttcggcgga 129

<210> 279
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 279

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 280
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 280
ctgatccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttgggtg 120

ttcggcgga 129

<210> 281
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 281
ccttatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttactactgc tgctcatatg caggcagcta cacttgggtg 120

ttcggcgga 129

<210> 282
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 282

Pro Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 283
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 283
ccttatcgct tctctggctc caagtctggc aacacggccc ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttactacggc tgctcatatg caggcagcta cacttgggtg 120

ttcggcgga 129

<210> 284
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 284

Pro Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Pro Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Gly Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 285
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 285
ccttatcgct tctctggctc caagcctggc aacacggcct ccctgaccgt ctctgggctc 60

caggctgagg atgaggctga ttactactgc tgctcatatg caggcagcta cacttgggtg 120

ttcggcgga 129

<210> 286
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 286

Pro Tyr Arg Phe Ser Gly Ser Lys Pro Gly Asn Thr Ala Ser Leu Thr

1 5 10 15

Val Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 287
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 287
cctgttcgct tctctggctc gaagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttgggtg 120

ttcggcgga 129

<210> 288
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 288

Pro Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 289

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 289
cctgttcgct tctctggctc caagtctggc aacacggcct ccctgtccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttgggta 120

ttcggcgga 129

<210> 290
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 290

Pro Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ser
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 291
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 291
cctgatcgct tctctggctc gaagtctggc aactcggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttgggta 120

ttcggcgga 129

<210> 292
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 292

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 293
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 293
cctgatcgct tctctggctc caagtctggc tactcggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttgggtg 120

ttcggcgga 129

<210> 294
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 294

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Ser Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
        35   40

<210> 295
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 295
cctgatcgct tctctggctc caagtctggc atctcggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagtta cacttgggtg 120

ttcggcgga 129

<210> 296
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 296

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Ser Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
        35   40

<210> 297
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 297
cctgatcgct tctctggctc caagtctggc aactcggcct cgctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttgggtg 120

ttcggcgga 129

<210> 298
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 298
cctgatcgct tctctggctc caagtctggc aactcggcct ccctgtccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttgggtg 120

ttcggcgga 129

<210> 299
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 299

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Ser
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 300
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 300
cctgatcgct tctctggctc caagtctggc aactcggcct ccctggccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttgggtg 120

ttcggcgga 129

<210> 301
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 301

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Ala
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 302
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 302
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgtcgat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttgggtg 120

ttcggcgga 129

<210> 303
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 303

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ser
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 304
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 304
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctcttggctc 60

caggctgagg atgaggtcga ttattactgc tgctcatatg caggcagcta cacttgggtg 120

ttcggcgga 129

<210> 305
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 305

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Trp Leu Gln Ala Glu Asp Glu Val Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 306
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 306
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagt gtgaggctga ttattactgc tgctcatatg caggcagcta cacttgggtg 120

ttcggcgga 129

<210> 307
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 307

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Cys Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 308
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 308
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atggggctga ttattactgc tgctcatatg caggcagcta cacttgggtg 120

tttggcgga 129

<210> 309
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 309

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Gly Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 310
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 310
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgt tgctcatatg caggcagcta cacttgggta 120

ttcggcgga 129

<210> 311
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 311

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
        35   40

<210> 312
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 312
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagtta cacttgggtg 120

ttcggcgga 129

<210> 313

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 313
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttgggtg 120

ttcggcgga 129

<210> 314
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 314
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttgggtg 120

ttcggcgaa 129

<210> 315
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 315

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Glu

35 40

<210> 316
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 316
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttgggta 120

ttcggcgga 129

<210> 317
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 317
cctgatcgct tctctggctc caactcaggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagtta cacttgggtg 120

ttcggcgga 129

<210> 318
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 318

Pro Asp Arg Phe Ser Gly Ser Asn Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 319
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 319
ccggttcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttgggtg 120

ttcggcgga 129

<210> 320
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 320
ccttatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttactactgc tgctcatatg caggcagcta cacctgggtg 120

ttcggcgga 129

<210> 321
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 321

Cys Ser Tyr Ala Gly Ser Ser Thr Phe Val Val Phe

1 5 10

<210> 322
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 322
aatcgcttct ctgtctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtggtt 120

ttcggcgga 129

<210> 323
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 323

Asn Arg Phe Ser Val Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Val Val Phe Gly Gly
35 40

<210> 324
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 324

aatcgcttct ctggctcgaa gtctggcaac agggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtggta 120

ttcggcgga 129

<210> 325
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 325

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Arg Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Val Val Phe Gly Gly
35 40

<210> 326
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 326
aatcgcttct ctggctccat gtctggctac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtggta 120

ttcggcgga 129

<210> 327
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 327

Asn Arg Phe Ser Gly Ser Met Ser Gly Tyr Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Phe Val Val Phe Gly Gly
        35   40

<210> 328
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 328
aatcgcttct ctggctccat gtctggcatc acggcctccc tgacaatctc tgggctccag   60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgttgta   120

ttcggcgga   129

<210> 329
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 329

Asn Arg Phe Ser Gly Ser Met Ser Gly Ile Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Phe Val Val Phe Gly Gly
        35   40

<210> 330
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 330
aatcgcttct ctggctccat gtctggcaac acggcctccc tgacaatctc ttggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtggta 120

ttcggcgga 129

<210> 331
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 331

Asn Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Phe Val Val Phe Gly Gly
        35   40

<210> 332
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 332
aatcgcttct ctggctccaa gtctggcaac actgcctccc tgacaatctc ttggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtggta 120

ttcggcgga 129

<210> 333
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 333

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Val Val Phe Gly Gly
35 40

<210> 334
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 334
aatcgcttct ctggctccaa gtctggcaac acggtctccc tgacaatctc taggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgttgta 120

ttcggcgga 129

<210> 335
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 335

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Val Ser Leu Thr Ile
1 5 10 15

Ser Arg Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Val Val Phe Gly Gly
35 40

<210> 336
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 336
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgtcaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtggtt 120

ttcggcgga 129

<210> 337
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 337

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ser Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr

20 25 30

Ala Gly Ser Ser Thr Phe Val Val Phe Gly Gly
35 40

<210> 338
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 338
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgactatctc tgggctccag 60

gctgtggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtggta 120

ttcggcgga 129

<210> 339
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 339

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Val Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Val Val Phe Gly Gly
35 40

<210> 340
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 340
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacattctc tgggctgcag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtggta 120

ttcggcgga 129

<210> 341
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 341

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Phe
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Phe Val Val Phe Gly Gly
        35   40

<210> 342
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 342
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttgccgctgc tcatatgcag gtagtagcac tttcgtggta 120

ttcggcgga 129

<210> 343

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 343

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Cys Arg Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Val Val Phe Gly Gly
35 40

<210> 344
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 344
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttttgtggta 120

ttcggcgga 129

<210> 345
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 345

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Phe Val Val Phe Gly Gly
        35   40

<210> 346
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 346
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgttgta 120

ttcggcgga 129

<210> 347
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 347
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtggta 120

ttcggcgga 129

<210> 348
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 348

aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc taggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtcgta 120

ttcggcgga 129

<210> 349
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 349

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Arg Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Val Val Phe Gly Gly
35 40

<210> 350
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 350
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc atggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtggta 120

ttcggcgga 129

<210> 351
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 351
aatcgcttct ctggctccaa gtctggcaac acggcctcac tgacaatctc ttggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtggta 120

ttcggcgga 129

<210> 352
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 352
aatcgcttct ctggctccaa gtctggcaac acggcccccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttaccgctgc tcatatgcag gtagtagcac tttcgttgta 120

ttcggcgga 129

<210> 353
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 353

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Pro Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Arg Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Phe Val Val Phe Gly Gly
        35   40

<210> 354

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 354
aatcgcttct ctggctccaa gtctggaaac actgcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtggta 120

ttcggcgga 129

<210> 355
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 355
aatcgcttct ctgactccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtggta 120

ttcggcggc 129

<210> 356
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 356

Asn Arg Phe Ser Asp Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Val Val Phe Gly Gly

35 40

<210> 357
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 357
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttttgtggta 120

ttcggcgga 129

<210> 358
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 358

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Val Val Phe Gly Gly
35 40

<210> 359
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 359

atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgttgta 120

ttcggcgga 129

<210> 360
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 360
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtggta 120

ttcggcgga 129

<210> 361
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 361
atacgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtggta 120

ttcggcgga 129

<210> 362
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 362

Cys Ser Tyr Ala Gly Ser Ser Thr Phe Val Phe

1 5 10

<210> 363
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 363
ttctatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 364
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 364

Phe Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
35 40

<210> 365
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 365

tcttatcgct tctctggctc catgtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 366
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 366

Ser Tyr Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
35 40

<210> 367
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 367
tctattcgct tctctggctc caagtctggc atcacggcct ccctgacaat ctcttggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 368
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 368

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
        35   40

<210> 369
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 369
tctaatcgct tctctggctg caagtctggc aacacggcct ccctgagaat ctctgggctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgta   120

ttcggcgga   129

<210> 370
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 370

Ser Asn Arg Phe Ser Gly Cys Lys Ser Gly Asn Thr Ala Ser Leu Arg
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
35 40

<210> 371
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 371
tctaatcgct tctctggctc caagtcttgc aacacggcct ccctgagaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 372
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 372

Ser Asn Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu Arg
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
35 40

<210> 373
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 373
tctaatcgct tctctggctc caagtctggc gacacggcct ccctgacaat ctctggactc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 374
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 374

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asp Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
35 40

<210> 375
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 375
tctaatcgct tctctggctc caagtctggc aagactgcct ccctgacaat ctcttggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 376
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 376

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
35 40

<210> 377
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 377
tctaatcgct tctctggctc caagtctggc aagacggcct cgctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 378
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 378

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
35 40

<210> 379
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 379
tctaatcgct tctctggctc caagtctggc aagacggcct ccctgagaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 380
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 380

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Arg
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
35 40

<210> 381
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 381
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 382
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 382

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
        35   40

<210> 383
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 383
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgtcaat ctctgggctc 60

ctggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 384

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 384

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ser
1 5 10 15

Ile Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
35 40

<210> 385
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 385
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacttt ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 386
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 386

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
        35   40

<210> 387
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 387
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

cagtctgagg acgatgctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 388
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 388

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ser Glu Asp Asp Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
        35   40

<210> 389
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 389
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 390
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 390

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
35 40

<210> 391
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 391
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagcag caccttcgta 120

ttcggcggc 129

<210> 392
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 392
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ccctgggctc 60

caggctgagg acggggctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 393
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 393

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Pro Gly Leu Gln Ala Glu Asp Gly Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
35 40

<210> 394
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 394
tctaatcgct tctctggctc caagtctggc aacacggccc ccctgacaat ctctgggctc 60

caggctgagg acgaggccga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 395
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 395

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Pro Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
35 40

<210> 396
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 396
cttatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 397
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 397

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Gly
35 40

<210> 398
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 398
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 399
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 399
ctaatacgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgta 120

ttcggcgga 129

<210> 400
<211> 12
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 400

Cys Ser Tyr Ala Gly Ser Ser Thr Tyr Val Val Phe
1 5 10

<210> 401
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 401
attcgcttct ctggctccaa gtctggcaac acggcctccc tgtcaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttatgtggta 120

ttcggcgga 129

<210> 402
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 402

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ser Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Tyr Val Val Phe Gly Gly
35 40

<210> 403

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 403
aatcgcttct ctggctccat gtctggcaag acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttatgtggta 120

ttcggcgga 129

<210> 404
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 404

Asn Arg Phe Ser Gly Ser Met Ser Gly Lys Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Tyr Val Val Phe Gly Gly
35 40

<210> 405
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 405
aatcgcttct ctggctccaa gtctggctac acggcctccc tgtcaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttatgtggta 120

ttcggcgga 129

<210> 406
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 406

Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Ser Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Tyr Val Val Phe Gly Gly
35 40

<210> 407
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 407
aatcgcttct ctggctccaa gtctggcatc acggcctccc tgtcaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttatgtggta 120

ttcggcgga 129

<210> 408
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 408

Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Ser Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Tyr Val Val Phe Gly Gly
        35   40

<210> 409
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 409
aatcgcttct ctggctccaa gtctggcaac tcggcctccc tgactatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttatgtggta 120

ttcggcgga 129

<210> 410
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 410

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Tyr Val Val Phe Gly Gly
        35   40

<210> 411
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 411
aatcgcttct ctggctccaa gtctggcaac gcggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcgg gtagtagcac ttatgtggta 120

ttcggcgga 129

<210> 412
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 412

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ala Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Tyr Val Val Phe Gly Gly
35 40

<210> 413
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 413
aatcgcttct ctggctccaa gtctggcaac actgcctccc tgacaatctc tgggctccag 60

gctgagtacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttatgtggta 120

ttcggcgga 129

<210> 414
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 414

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Tyr Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Tyr Val Val Phe Gly Gly
35 40

<210> 415
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 415
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttatgtggta 120

ttcggcgga 129

<210> 416
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 416

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Tyr Val Val Phe Gly Gly
35 40

<210> 417
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 417
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac gtatgtggta 120

ttcggcgga 129

<210> 418
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 418
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ctatgtggta 120

ttcggcgga 129

<210> 419
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 419
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac atatgtggta 120

ttcggcgga 129

<210> 420
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 420
aatcgcttct ctggctccaa gtctcgcaac acggcctacc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttatgtggta 120

ttcggcgga 129

<210> 421
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 421

Asn Arg Phe Ser Gly Ser Lys Ser Arg Asn Thr Ala Tyr Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Tyr Val Val Phe Gly Gly
        35   40

<210> 422
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 422
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttatgtggta 120

ttcggcgga 129

<210> 423
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 423

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Tyr Val Val Phe Gly Gly
35 40

<210> 424
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 424
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac gtatgtggta 120

ttcggcgga 129

<210> 425
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 425
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ctatgtggta 120

ttcggcgga 129

<210> 426
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 426
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac atatgtggta 120

ttcggcgga 129

<210> 427
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 427
atacgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttatgtggta 120

ttcggcgga 129

<210> 428
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 428
atacgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac atatgtggta 120

ttcggcgga 129

<210> 429
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 429

Cys Ser Tyr Ala Gly Ser Ser Thr Phe Tyr Val Phe
1 5 10

<210> 430
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 430
tatcgcttct ctggctccaa gtctggcaac tcggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttttatgtc 120

ttcggaact 129

<210> 431

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 431

Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Tyr Val Phe Gly Thr
35 40

<210> 432
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 432
attcgcttct ctggctccat gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttttatgtc 120

ttcggaact 129

<210> 433
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 433

Ile Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Phe Tyr Val Phe Gly Thr
        35   40

<210> 434
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 434
actcgcttct ctggctccaa gtcttgcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttttatgtc 120

ttcggaact 129

<210> 435
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 435

Thr Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Phe Tyr Val Phe Gly Thr
        35   40

<210> 436
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 436
aatcgcttct ctggctgcaa gtctggcatc acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttttatgtc 120

ttcggaact 129

<210> 437
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 437

Asn Arg Phe Ser Gly Cys Lys Ser Gly Ile Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Tyr Val Phe Gly Thr
35 40

<210> 438
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 438
aatcgcttct ctggctccaa gtctggctac acggcctccc tgacattctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttttatgtc 120

ttcggaact 129

<210> 439
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 439

Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr Phe
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Tyr Val Phe Gly Thr
35 40

<210> 440
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 440
aatcgcttct ctggctccaa gtctggctac acggcctccc tgacaatctc tgggctcctg 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac cttttatgtc 120

ttcggaact 129

<210> 441
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 441

Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr Ile

1 5 10 15

Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Tyr Val Phe Gly Thr
35 40

<210> 442
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 442
aatcgcttct ctggctccaa gtctggcatc acggcctccc tgacaatctc ttggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttctatgtc 120

ttcggaact 129

<210> 443
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 443

Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Tyr Val Phe Gly Thr
35 40

<210> 444

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 444
aatcgcttct ctggctccaa gtctggcaag acggcctccc tgactatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttttatgtc 120

ttcggaact 129

<210> 445
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 445

Asn Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Tyr Val Phe Gly Thr
35 40

<210> 446
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 446
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacattctc tgggctccag 60

gctgaggtcg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttttatgtc 120

ttcggaact 129

<210> 447
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 447

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Phe
1 5 10 15

Ser Gly Leu Gln Ala Glu Val Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Tyr Val Phe Gly Thr
35 40

<210> 448
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 448
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgtgctccag 60

gctgatgacg aggctgatta ttactgctgc tcatatgcag gtagtagcac cttttatgtc 120

ttcggaact 129

<210> 449
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 449

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Val Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Tyr Val Phe Gly Thr
35 40

<210> 450
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 450
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

tctgatgacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttttatgtc 120

ttcggaact 129

<210> 451
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 451

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ser Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Tyr Val Phe Gly Thr
35 40

<210> 452
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 452
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttttatgtc 120

ttcggaact 129

<210> 453
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 453

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Tyr Val Phe Gly Thr
35 40

<210> 454
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 454
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttctatgtc 120

ttcggaact 129

<210> 455
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 455
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac cttttatgtc 120

ttcggaact 129

<210> 456
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 456
aatcacttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagcagcac tttttatgtc 120

ttcggaact 129

<210> 457
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 457

Asn His Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Phe Tyr Val Phe Gly Thr
        35   40

<210> 458
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 458
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttttatgtc 120

ttcggaact 129

<210> 459
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 459

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Phe Tyr Val Phe Gly Thr
        35   40

<210> 460
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 460
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac cttttatgtc 120

ttcggaact 129

<210> 461
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 461

Cys Ser Tyr Ala Gly Ser Tyr Thr Leu Val Phe
1 5 10

<210> 462
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 462
ctgatccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttggta 120

ttcggcgga 129

<210> 463
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 463

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Leu Val Phe Gly Gly
35 40

<210> 464
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 464
ctgatccgct tctctggctc caagtctgac aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttggta 120

ttcggcgga 129

<210> 465
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 465

Leu Ile Arg Phe Ser Gly Ser Lys Ser Asp Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Leu Val Phe Gly Gly

35 40

<210> 466
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 466
cctgatcgct tctctgtctc caagtctggc aacacggcct cgctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttggta 120

ttcggcgga 129

<210> 467
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 467

Pro Asp Arg Phe Ser Val Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Leu Val Phe Gly Gly
35 40

<210> 468
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 468

cctgatcgct tctctggctg caagtctggc aactcggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttggta 120

ttcggcgga 129

<210> 469
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 469

Pro Asp Arg Phe Ser Gly Cys Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Leu Val Phe Gly Gly
35 40

<210> 470
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 470
cctgatcgct tctctggctc caagtctggc aactctgcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttggta 120

ttcggcgga 129

<210> 471
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 471

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Leu Val Phe Gly Gly
        35   40

<210> 472
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 472
cctgatcgct tctctggctc caagtctggc aactcgggct ccctgaccat ctctgggctc   60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttggta   120

ttcggcgga   129

<210> 473
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 473

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Gly Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Leu Val Phe Gly Gly
35 40

<210> 474
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 474
cctgatcgct tctctggctc caagtctggc aacactgcct cccagaccat ctctggactc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttggta 120

ttcggcgga 129

<210> 475
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 475

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Gln Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Leu Val Phe Gly Gly
35 40

<210> 476
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 476
cctgatcgct tctctggctc caagtctggc aacacggcct cgctgtccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttggta 120

ttcggcgga 129

<210> 477
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 477

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ser
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Leu Val Phe Gly Gly
35 40

<210> 478
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 478
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttggta 120

ttcggcgga 129

<210> 479
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 479

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Leu Val Phe Gly Gly
35 40

<210> 480
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 480
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctggactc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttggta 120

ttcggcgga 129

<210> 481
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 481
cctgatcgct tctctggctc caagtctgac tactcggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttggta 120

ttcggcgga 129

<210> 482
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 482

Pro Asp Arg Phe Ser Gly Ser Lys Ser Asp Tyr Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Leu Val Phe Gly Gly
35 40

<210> 483
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 483
cctgatcgct tctctggctc caagtctgac aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcgtatg caggcagcta tactttggta 120

ttcggcgga 129

<210> 484
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 484

Pro Asp Arg Phe Ser Gly Ser Lys Ser Asp Asn Thr Ala Ser Leu Thr

1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Leu Val Phe Gly Gly
35 40

<210> 485
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 485
cctgatcgct tctctggctc caagtctgac aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttggta 120

ttcggcgga 129

<210> 486
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 486
ccgcttcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttggta 120

ttcggcgga 129

<210> 487
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 487

Pro Leu Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Leu Val Phe Gly Gly
35 40

<210> 488
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 488
ccgcatcgct tctctggctc caagtctgac aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttggta 120

ttcggcgga 129

<210> 489
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 489

Pro His Arg Phe Ser Gly Ser Lys Ser Asp Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Leu Val Phe Gly Gly

35 40

<210> 490
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 490
cagtttcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttggta 120

ttcggcgga 129

<210> 491
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 491

Gln Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Leu Val Phe Gly Gly
35 40

<210> 492
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 492

cagttccgct tctctggctc caagtctgac aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttggta 120

ttcggcgga 129

<210> 493
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 493

Gln Phe Arg Phe Ser Gly Ser Lys Ser Asp Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Leu Val Phe Gly Gly
35 40

<210> 494
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 494

Cys Ser Phe Arg Val Phe
1 5

<210> 495
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 495
cgtccctcag tggtttctaa tcgcttctct ggctccaagt ctgtcaacac ggcctccctg 60

acaatctctg ggctccaggc tgaggacgag gctgattatt actgctgctc atttagggtc 120

ttcggaact 129

<210> 496
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 496

Arg Pro Ser Val Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Val Asn
1 5 10 15

Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
20 25 30

Tyr Tyr Cys Cys Ser Phe Arg Val Phe Gly Thr
35 40

<210> 497
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 497
cggccctcag gggtttctta tcgcttctct ggctccaagt ctggcaactc ggcctccctg 60

acaatctctg ggctccaggc tgaggacgag gctgattatt actgctgctc atttagggtc 120

ttcggaact 129

<210> 498
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 498

Arg Pro Ser Gly Val Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn
1   5   10   15

Ser Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
            20   25   30

Tyr Tyr Cys Cys Ser Phe Arg Val Phe Gly Thr
        35   40

<210> 499
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 499
cggccctcag gggtttctta tcgcttctct ggctccaagt ctcgcaacac ggcctccctg   60

acaatctctg ggctccaggc tgaggacgag gctgattatt actgctgctc atttagggtc   120

ttcggaact   129

<210> 500
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 500

Arg Pro Ser Gly Val Ser Tyr Arg Phe Ser Gly Ser Lys Ser Arg Asn
1   5   10   15

Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp

20 25 30

Tyr Tyr Cys Cys Ser Phe Arg Val Phe Gly Thr
35 40

<210> 501
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 501
cggccctcag gggtttctaa tcgcttctct gtctccaagt ctgtcaacac ggcctccctg 60

acaatctctg ggctccaggc tgaggacgag gctgattatt actgctgctc atttagggtc 120

ttcggaact 129

<210> 502
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 502

Arg Pro Ser Gly Val Ser Asn Arg Phe Ser Val Ser Lys Ser Val Asn
1 5 10 15

Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
20 25 30

Tyr Tyr Cys Cys Ser Phe Arg Val Phe Gly Thr
35 40

<210> 503
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 503
cggccctcag gggtttctaa tcgcttctct ggctccaagt ctggcatcac ggcctccctg 60

acaatctctg ggctccaggc tgaggacgag gctgattatt actgctgctc atttagggtc 120

ttcggatct 129

<210> 504
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 504

Arg Pro Ser Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile
1   5   10   15

Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
            20   25   30

Tyr Tyr Cys Cys Ser Phe Arg Val Phe Gly Ser
        35   40

<210> 505
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 505
cggccctcag gggtttctaa tcgcttctct ggctccaagt ctggcaacac ggcctccctg 60

acaatctctg ggctccaggc tgaggacgag gctgattatt actgctgctc atttagggtc 120

ttcggaact 129

<210> 506

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 506

Arg Pro Ser Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn
1 5 10 15

Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
20 25 30

Tyr Tyr Cys Cys Ser Phe Arg Val Phe Gly Thr
35 40

<210> 507
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 507
cggccctcag gggtttctaa tcgcttctct ggccccaagt ctggcaacac ggcctccctg 60

acaatctctg ggctccaggc tgaggacgaa gctgattatt actgctgctc atttagggtc 120

ttcggaact 129

<210> 508
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 508

Arg Pro Ser Gly Val Ser Asn Arg Phe Ser Gly Pro Lys Ser Gly Asn
1 5 10 15

Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
            20   25   30

Tyr Tyr Cys Cys Ser Phe Arg Val Phe Gly Thr
        35   40

<210> 509
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 509
cggccctcag gggtctctaa tcgcttctct ggctccaagt ctggcaacac ggcctccctg 60

acaacctctg ggctccaggc tgaggacgag gctgattatt actgctgctc atttagggtc 120

ttcggaact 129

<210> 510
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 510

Arg Pro Ser Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn
1   5   10   15

Thr Ala Ser Leu Thr Thr Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
            20   25   30

Tyr Tyr Cys Cys Ser Phe Arg Val Phe Gly Thr
        35   40

<210> 511
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 511
aggccctcag gggtttctaa tcgcttctct ggctccaagt ctggcaacac ggcctccctg 60

acattctctg ggctccaggc tgaggacgag gctgattatt actgctgctc atttagggtc 120

ttcggaact 129

<210> 512
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 512

Arg Pro Ser Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn
1 5 10 15

Thr Ala Ser Leu Thr Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
20 25 30

Tyr Tyr Cys Cys Ser Phe Arg Val Phe Gly Thr
35 40

<210> 513
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 513
ggccctcagg ggtttctaat ccgcttctct ggctccaagt ctggcaacac ggcctccctg 60

acaatctctg ggctccaggc tgaggacgag gctgattatt actgctgctc atttagggtc 120

ttcggaact 129

<210> 514
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 514

Gly Pro Gln Gly Phe Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn
1 5 10 15

Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
20 25 30

Tyr Tyr Cys Cys Ser Phe Arg Val Phe Gly Thr
35 40

<210> 515
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 515
ggccctcagg gggttctaat acgcttctct ggctccaagt ctggcaacac ggcctccctg 60

acaatctctg ggctccaggc tgaggacgag gctgattatt actgctgctc atttagggtc 120

ttcggaact 129

<210> 516
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 516

Gly Pro Gln Gly Val Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn

1 5 10 15

Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
20 25 30

Tyr Tyr Cys Cys Ser Phe Arg Val Phe Gly Thr
35 40

<210> 517
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 517
cggccctcag gggtttctaa tcgcttctct ggctccaagt ctggcaacac ggcctccctg 60

acaatctctg ggctccaggc tgaggacgag gctgattatt cctgctgctc atttagggtc 120

ttcggaact 129

<210> 518
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 518

Arg Pro Ser Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn
1 5 10 15

Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
20 25 30

Tyr Ser Cys Cys Ser Phe Arg Val Phe Gly Thr
35 40

<210> 519

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 519
gcggcctcag gggtttctaa tcgcttctct ggctccaagt ctggcaacac ggcctccctg 60

acaatctctg ggctccaggc tgaggacgag gctgattatt actgctgctc atttagggtc 120

ttcggaact 129

<210> 520
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 520

Ala Ala Ser Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn
1 5 10 15

Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
20 25 30

Tyr Tyr Cys Cys Ser Phe Arg Val Phe Gly Thr
35 40

<210> 521
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 521
gcggccctca gggtttctaa tcgcttctct ggctccaagt ctggcaacac ggcctccctg 60

acaatctctg ggctccaggc tgaggacgag gctgattatt actgctgctc atttagggtc 120

ttcggaact 129

<210> 522
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 522

Ala Ala Leu Arg Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn
1 5 10 15

Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
20 25 30

Tyr Tyr Cys Cys Ser Phe Arg Val Phe Gly Thr
35 40

<210> 523
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 523
gcggccctca ggggtttcta tcgcttctct ggctccaagt ctggcaacac ggcctccctg 60

acaatctctg ggctccaggc tgaggacgag gctgattatt actgctgctc atttagggtc 120

ttcggaact 129

<210> 524
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 524

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Ala Ala Leu Arg Gly Phe Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn
1               5                   10                  15


Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
            20                  25                  30


Tyr Tyr Cys Cys Ser Phe Arg Val Phe Gly Thr
        35                  40


<210>  525
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  525
agcggccctc aggggtttaa tcgcttctct ggctccaagt ctggcaacac ggcctccctg       60

acaatctctg ggctccaggc tgaggacgag gctgattatt actgctgctc atttagggtc      120

ttcggaact                                                              129


<210>  526
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  526

Ser Gly Pro Gln Gly Phe Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn
1               5                   10                  15


Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
            20                  25                  30


Tyr Tyr Cys Cys Ser Phe Arg Val Phe Gly Thr
        35                  40
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<210> 527
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 527

Cys Ser Tyr Ala Gly Ser Ser Thr Trp Val Phe
1 5 10

<210> 528
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 528
tgtaatcgcg tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgggtg 120

ttcggcgga 129

<210> 529
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 529

Cys Asn Arg Val Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Trp Val Phe Gly Gly

35 40

<210> 530
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 530
tcttatcgct tctctggctc caagtctggc aactcggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgggtg 120

ttcggcgga 129

<210> 531
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 531

Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Trp Val Phe Gly Gly
35 40

<210> 532
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 532

tcttatcgct tctctggctc caagtctggc aacacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgggtg 120

ttcggcgga 129

<210> 533
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 533

Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Trp Val Phe Gly Gly
35 40

<210> 534
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 534
tctattcgct tctctggctc caagtctggc atcacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgggtg 120

ttcggcgga 129

<210> 535
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 535

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Trp Val Phe Gly Gly
        35   40

<210> 536
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 536
tctagtcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctccgggctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgggtg   120

ttcggcgga   129

<210> 537
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 537

Ser Ser Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Trp Val Phe Gly Gly
35 40

<210> 538
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 538
tctaatcgct tctctggctc gaagtctggc aacacggcct ccctgacatt ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgggtg 120

ttcggcgga 129

<210> 539
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 539

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Trp Val Phe Gly Gly
35 40

<210> 540
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 540
tctaatcgct tctctggctc catgtctggc atcacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgggtg 120

ttcggcgga 129

<210> 541
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 541

Ser Asn Arg Phe Ser Gly Ser Met Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Trp Val Phe Gly Gly
35 40

<210> 542
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 542
tctaatcgct tctctggctc caagtctggg aactcggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgggtg 120

ttcggcgga 129

<210> 543
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 543

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Trp Val Phe Gly Gly
35 40

<210> 544
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 544
tctaatcgct tctctggctc caagtctggc tacacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgggtg 120

ttcggcgga 129

<210> 545
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 545

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Ser Thr Trp Val Phe Gly Gly
35 40

<210> 546
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 546
tctaatcgct tctctggctc caagtctggc atcacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgggtg 120

ttcggcgga 129

<210> 547
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 547

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Trp Val Phe Gly Gly
35 40

<210> 548
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 548
tctaatcgct tctctggctc caagtctggc aagacggcct ccctgagaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgggtg 120

ttcggcgga 129

<210> 549
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 549

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Arg
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Trp Val Phe Gly Gly
        35   40

<210> 550
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 550
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgagaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgggtg 120

ttcggcgga 129

<210> 551

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 551

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Arg
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Trp Val Phe Gly Gly
35 40

<210> 552
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 552
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgggtg 120

ttcggcgga 129

<210> 553
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 553

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Trp Val Phe Gly Gly
        35   40

<210> 554
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 554
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgggtg 120

ttcggcgga 129

<210> 555
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 555

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Trp Val Phe Gly Gly
        35   40

<210> 556
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 556
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgttcatatg caggtagtag cacttgggtg 120

ttcggcgga 129

<210> 557
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 557

Cys Ser Tyr Ala Gly Ser Ser Thr Cys Val Phe
1 5 10

<210> 558
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 558
ttctatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgcgtc 120

ttcggaact 129

<210> 559
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 559

Phe Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Cys Val Phe Gly Thr
35 40

<210> 560
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 560
tgcaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgcgtc 120

ttcggaact 129

<210> 561
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 561

Cys Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Cys Val Phe Gly Thr

35 40

<210> 562
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 562
tctaatcgct tctctggctc catgtctggc aacacggcgt ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgcgtc 120

ttcggaact 129

<210> 563
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 563

Ser Asn Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Cys Val Phe Gly Thr
35 40

<210> 564
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 564

tctaatcgct tctctggctc caagtctggc aagacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgtgtc 120

ttcggaact 129

<210> 565
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 565

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Cys Val Phe Gly Thr
35 40

<210> 566
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 566
tctaatcgct tctctggctc caagtctggc aactcgtcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgtgtc 120

ttcggaact 129

<210> 567
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 567

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ser Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Cys Val Phe Gly Thr
        35   40

<210> 568
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 568
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgagaat ctctgggctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgcgtc   120

ttcggaact   129

<210> 569
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 569

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Arg
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Cys Val Phe Gly Thr
35 40

<210> 570
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 570
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgcgtc 120

ttcggaact 129

<210> 571
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 571

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Cys Val Phe Gly Thr
35 40

<210> 572
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 572
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgacaat ctcttggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgtgtc 120

ttcggaact 129

<210> 573
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 573

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Cys Val Phe Gly Thr
35 40

<210> 574
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 574
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgtgtc 120

ttcggaact 129

<210> 575
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 575

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Cys Val Phe Gly Thr
35 40

<210> 576
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 576
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgcgtc 120

ttcggaact 129

<210> 577
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 577
tctaatcgct tctctggctc caagtctggc aacacggcct acctgacaat ctctgggctc 60

cagtctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgtgtc 120

ttcggaact 129

<210> 578
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 578

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Tyr Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Cys Val Phe Gly Thr
35 40

<210> 579
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 579
tctaatcgca tctctggctc caagtctggc aacacggcct cccagacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgcgtc 120

ttcggaact 129

<210> 580
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 580

Ser Asn Arg Ile Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Gln Thr

1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Cys Val Phe Gly Thr
35 40

<210> 581
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 581
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgtgtc 120

ttcggaact 129

<210> 582
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 582

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Cys Val Phe Gly Thr
35 40

<210> 583

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 583
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttgcgtc 120

ttcggaact 129

<210> 584
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 584
ttctatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgtc 120

ttcggaact 129

<210> 585
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 585

Phe Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Thr

35 40

<210> 586
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 586
tctagtcgct cctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgtc 120

ttcggaact 129

<210> 587
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 587

Ser Ser Arg Ser Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Thr
35 40

<210> 588
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 588

tctaatggct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

cagtctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgtc 120

ttcggaact 129

<210> 589
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 589

Ser Asn Gly Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Thr
35 40

<210> 590
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 590
tctaatcgct tctctggctc caagtctggc atctcggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgtc 120

ttcggaact 129

<210> 591
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 591

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Ser Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Thr
        35   40

<210> 592
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 592
tctaatcgct tctctggctc caagtctggc atcacggcct ccctgacaat ctctgtgctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgtc   120

ttcggaact   129

<210> 593
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 593

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Thr
35 40

<210> 594
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 594
tctaatcgct tctctggctc caagtctggc atcacggcct ccctgacaat ctctgggctc 60

gaggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgtc 120

ttcggaact 129

<210> 595
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 595

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Glu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Thr
35 40

<210> 596
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 596
tctaatcgct tctctggctc caagtctggc aacactgcct acctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgtc 120

ttcggaact 129

<210> 597
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 597

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Tyr Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Thr
35 40

<210> 598
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 598
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgtcaat ctctgggctc 60

caggctgagg acgaggctga ttactactgc tgctcatatg cgggtagtag cactttcgtc 120

ttcggaact 129

<210> 599
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 599

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ser
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Thr
35 40

<210> 600
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 600
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttttgtc 120

ttcggatct 129

<210> 601
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 601

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Ser
35 40

<210> 602
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 602
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgtc 120

ttcggaact 129

<210> 603
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 603

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Thr
35 40

<210> 604
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 604
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagcag cactttcgtc 120

ttcggagct 129

<210> 605
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 605

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Ala
        35   40

<210> 606
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 606
tctaatcgct tctctggctc caagtctggc aacacggcct cccagacaat ctcagggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgtc 120

ttcggaact 129

<210> 607

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 607

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Gln Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Thr
35 40

<210> 608
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 608
tctaatcgct tctccggccc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgtc 120

ttcggaact 129

<210> 609
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 609

Ser Asn Arg Phe Ser Gly Pro Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Thr
        35   40

<210> 610
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 610
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgtc 120

ttcggaact 129

<210> 611
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 611

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Phe Val Phe Gly Thr
        35   40

<210> 612
<211> 11
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 612

Cys Ser Tyr Ala Gly Ser Tyr Ser Tyr Val Phe
1 5 10

<210> 613
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 613
ctgctacgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctcttatgtc 120

ttcggaact 129

<210> 614
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 614

Leu Leu Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Tyr Val Phe Gly Thr
35 40

<210> 615

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 615
ctgatccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctcttatgtc 120

ttcggaact 129

<210> 616
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 616

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Tyr Val Phe Gly Thr
35 40

<210> 617
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 617
cctgatcgct tctctggctg caagtctggc atcacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctcttatgtc 120

ttcggaact 129

<210> 618
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 618

Pro Asp Arg Phe Ser Gly Cys Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Tyr Val Phe Gly Thr
35 40

<210> 619
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 619
cctgatcgct tctctggctc gaagtctggc aacacgtcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctcttatgtc 120

ttcggaact 129

<210> 620
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 620

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Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ser Ser Leu Thr
1               5                   10                  15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20                  25                  30

Tyr Ala Gly Ser Tyr Ser Tyr Val Phe Gly Thr
        35                  40
```

<210> 621
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 621

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cctgatcgct tctctggctc caagtcttgc aacacggcct ccctgaccat ctctgggctc       60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cagttatgtc      120

ttcggaact                                                              129
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<210> 622
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 622

```
Pro Asp Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu Thr
1               5                   10                  15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20                  25                  30

Tyr Ala Gly Ser Tyr Ser Tyr Val Phe Gly Thr
        35                  40
```

<210> 623
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 623
cctgatcgct tctctggctc caagtctggc atcacggcct ccctgaccat ctctgtgctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctcttatgtc 120

ttcggaact 129

<210> 624
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 624

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Ser Tyr Val Phe Gly Thr
        35   40

<210> 625
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 625
cctgatcgct tctctggctc caagtctggc aactcggcct ccctgacgat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctcttatgtc 120

ttcggaact 129

<210> 626
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 626

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Tyr Val Phe Gly Thr
35 40

<210> 627
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 627
cctgatcgct tctctggctc caagtctggc aactcggcct ccctgacctt ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagtta ctcttatgtc 120

ttcggaact 129

<210> 628
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 628

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Tyr Val Phe Gly Thr
35 40

<210> 629
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 629
cctgatcgct tctctggctc caagtctggc aacactgcct ccctgaccat ctctgggctc 60

cagtctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctcttatgtc 120

ttcggaact 129

<210> 630
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 630

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Tyr Val Phe Gly Thr

35 40

<210> 631
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 631
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattatcgc tgctcatatg caggcagcta ctcttatgtc 120

ttcggaact 129

<210> 632
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 632

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Arg Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Tyr Val Phe Gly Thr
35 40

<210> 633
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 633

cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctcttatgtc 120

ttcggaact 129

<210> 634
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 634

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Tyr Val Phe Gly Thr
35 40

<210> 635
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 635
cctgatcgct gctctggctc caagtctggc aacacggcct ccctgaccat ctctggtctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctcttatgtc 120

ttcggaact 129

<210> 636
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 636

Pro Asp Arg Cys Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Ser Tyr Val Phe Gly Thr
        35   40

<210> 637
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 637
actgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc   60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctcttatgtc   120

ttcggtact   129

<210> 638
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 638

Thr Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Ser Tyr Val Phe Gly Thr
35 40

<210> 639
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 639
actgatcgct tctctggccc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctcttatgtc 120

ttcggaact 129

<210> 640
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 640

Thr Asp Arg Phe Ser Gly Pro Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Tyr Val Phe Gly Thr
35 40

<210> 641
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 641

Cys Ser Tyr Ala Gly Ser Tyr Thr His Val Val Phe
1 5 10

<210> 642
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 642
gatcgcttct ctggctgcaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tcatgtggtt 120

ttcggcgga 129

<210> 643
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 643

Asp Arg Phe Ser Gly Cys Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr His Val Val Phe Gly Gly
35 40

<210> 644
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 644
gatcgcttct ctggctccaa gtctggctac acggcctccc tgacgatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tcatgtggta 120

ttcggcgga 129

<210> 645
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 645

Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr His Val Val Phe Gly Gly
        35   40

<210> 646
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 646
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgtgctccag 60

gctgaggatg atgctgatta ttactgctgc tcatatgcag gcagctacac tcatgtggta 120

ttcggcgga 129

<210> 647

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 647

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Val Leu Gln Ala Glu Asp Asp Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr His Val Val Phe Gly Gly
35 40

<210> 648
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 648
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgtgctccag 60

gctgaggatg agtctgatta ttactgctgc tcatatgcag gcagctacac tcatgtggta 120

ttcggcgga 129

<210> 649
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 649

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Val Leu Gln Ala Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr His Val Val Phe Gly Gly
        35   40

<210> 650
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 650
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggttccag 60

gctgaggatg aggccgatta ttactgctgc tcatatgcag gcagctacac tcatgtggta 120

ttcggcgga 129

<210> 651
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 651

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Phe Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr His Val Val Phe Gly Gly
        35   40

<210> 652
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 652
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tcatgtggta 120

ttcggcgga 129

<210> 653
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 653

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr His Val Val Phe Gly Gly
        35   40

<210> 654
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 654
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gccgaggatg aggatgatta ttactgctgc tcatatgcag gcagctacac tcatgtggta 120

ttcggcgga 129

<210> 655
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 655

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Asp Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr His Val Val Phe Gly Gly
35 40

<210> 656
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 656
gatcgcttct ctggctccaa gtctggcaac acggactccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tcatgttgta 120

ttcggcgga 129

<210> 657
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 657

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Asp Ser Leu Thr Ile

1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr His Val Val Phe Gly Gly
35 40

<210> 658
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 658
gatcgcttct ctggctccaa gtccggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tcatgtggtg 120

ttcggcgga 129

<210> 659
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 659
gatcgcttct ctggctccaa gcctggcaac acggcccccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tcatgtggta 120

ttcggcgga 129

<210> 660
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 660

Asp Arg Phe Ser Gly Ser Lys Pro Gly Asn Thr Ala Pro Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr His Val Val Phe Gly Gly
35 40

<210> 661
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 661
gatcgattct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgagtatg aggctgatta ttactgctgc tcatatgcag gcagctacac tcatgtggta 120

ttcggcgga 129

<210> 662
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 662

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Tyr Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr His Val Val Phe Gly Gly

35 40

<210> 663
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 663
tttcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tcatgtggta 120

ttcggcgga 129

<210> 664
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 664

Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr His Val Val Phe Gly Gly
35 40

<210> 665
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 665

atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tcatgtggta 120

ttcggcgga 129

<210> 666
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 666

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr His Val Val Phe Gly Gly
35 40

<210> 667
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 667

Cys Ser Tyr Ala Gly Ser Tyr Thr Leu Tyr Val Phe
1 5 10

<210> 668
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 668
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccttctc tgggctcctg 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac cctttatgtc 120

ttcggaact 129

<210> 669
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 669

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Phe
1 5 10 15

Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Tyr Val Phe Gly Thr
35 40

<210> 670
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 670
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tctttatgtc 120

ttcggaact 129

<210> 671
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 671

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Leu Tyr Val Phe Gly Thr
        35   40

<210> 672
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 672
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag   60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac cctttatgtc   120

ttcggaact   129

<210> 673
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 673
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag   60

gctgaggatg aggctgatat ttactgctgc tcatatgcag gcagctacac tctttatgtc   120

ttcggaact   129

<210> 674
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 674

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Ile Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Tyr Val Phe Gly Thr
35 40

<210> 675
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 675
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgagaatg aggctgacta ttactgctgc tcatatgcag gcagctacac cctttatgtc 120

ttcggaact 129

<210> 676
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 676

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile

1 5 10 15

Ser Gly Leu Gln Ala Glu Asn Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Tyr Val Phe Gly Thr
35 40

<210> 677
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 677
gatcgattct ctggctccaa gtctggcaac acggcctacc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tctttatgtc 120

ttcggaact 129

<210> 678
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 678

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

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Tyr Val Phe Gly Thr
35 40

<210> 679

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 679
tttcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tctttatgtc 120

ttcggaact 129

<210> 680
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 680

Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Tyr Val Phe Gly Thr
35 40

<210> 681
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 681
ttccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tctttatgtc 120

ttcggaact 129

<210> 682
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 682
ttccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac cctttatgtc 120

ttcggaact 129

<210> 683
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 683
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tctttatgtc 120

ttcggaact 129

<210> 684
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 684

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr

20 25 30

Ala Gly Ser Tyr Thr Leu Tyr Val Phe Gly Thr
35 40

<210> 685
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 685
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac cctttatgtc 120

ttcggaact 129

<210> 686
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 686
atacgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tctttatgtc 120

ttcggaact 129

<210> 687
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 687
gtgatcgctt ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tctttatgtc 120

ttcggaact 129

<210> 688
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 688

Val Ile Ala Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Tyr Val Phe Gly Thr
35 40

<210> 689
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 689

Cys Ser Tyr Ala Gly Ser Ser Thr Pro Val Val Phe
1 5 10

<210> 690
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 690

attcgcttct ctggctccaa gtctggcaag acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tcccgtggta 120

ttcggcgga 129

<210> 691
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 691

Ile Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Pro Val Val Phe Gly Gly
35 40

<210> 692
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 692
attcgcttct ctggctccaa gtctggcaac tcggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ccctgtggta 120

ttcggcgga 129

<210> 693
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 693

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Pro Val Val Phe Gly Gly
        35   40

<210> 694
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 694
attcgcttct ctggctccaa gtctggcaac acggcctgcc tgacaatctc tgggctccag   60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tccggtggta   120

ttcggcgga   129

<210> 695
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 695

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Cys Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Pro Val Val Phe Gly Gly
        35   40

<210> 696
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 696
aatcgcttgt ctggctccaa gtctggcatc acggcctccc tgacaatctc tgggctccag   60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tcccgtggta   120

ttcggcgga   129

<210> 697
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 697

Asn Arg Leu Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Pro Val Val Phe Gly Gly
        35   40

<210> 698
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 698
aatcgcttct ctggctccaa gtctggcatc acggcctccc tgtcaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tcccgtggta 120

ttcggcgga 129

<210> 699
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 699

Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Ser Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Pro Val Val Phe Gly Gly
35 40

<210> 700
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 700
aatcgcttct ctggctccaa gtctggcaac tctgcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tccggtggta 120

ttcggcgga 129

<210> 701
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 701

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Pro Val Val Phe Gly Gly
35 40

<210> 702
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 702
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gttgaggacg tggctgatta ttactgctgc tcatatgcag gtagtagcac tcccgtggta 120

ttcggcgga 129

<210> 703
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 703

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Val Glu Asp Val Ala Asp Tyr Tyr Cys Cys Ser Tyr

20 25 30

Ala Gly Ser Ser Thr Pro Val Val Phe Gly Gly
35 40

<210> 704
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 704
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tccggtggta 120

ttcggcgga 129

<210> 705
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 705

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Pro Val Val Phe Gly Gly
35 40

<210> 706
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 706
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tcccgtggta 120

ttcggcgga 129

<210> 707
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 707
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ccctgtggta 120

ttcggcgga 129

<210> 708
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 708
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tccggtggta 120

ttcggcgga 129

<210> 709
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 709

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Pro Val Val Phe Gly Gly
35 40

<210> 710
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 710
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tcccgtggta 120

ttcggcgga 129

<210> 711
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 711
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ccctgtggta 120

ttcggcgga 129

<210> 712
<211> 9
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 712

Cys Ser Tyr Ala Gly Ser Trp Val Phe
1 5

<210> 713
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 713
ggggttctta tccgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagttgggta 120

ttcggcgga 129

<210> 714
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 714

Gly Val Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Trp Val Phe Gly Gly
35 40

<210> 715

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 715
gggtttctaa tccgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagttgggta 120

ttcggcgga 129

<210> 716
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 716

Gly Phe Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Trp Val Phe Gly Gly
35 40

<210> 717
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 717
ggggtttctt atcgcttctc tggctccaag tctggcaact cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagttgggta 120

ttcggcgga 129

<210> 718
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 718

Gly Val Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Trp Val Phe Gly Gly
35 40

<210> 719
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 719
ggggtttctt atcgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

gggctcctgg ctgaggacga ggctgattat tactgctgct catatgcagg tagttgggta 120

ttcggcgga 129

<210> 720
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 720

Gly Val Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
            20 25 30

Cys Ser Tyr Ala Gly Ser Trp Val Phe Gly Gly
        35 40

<210> 721
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 721
ggggtttcta atcgcttctc tggctccatg tctggcaaca cggcctccct gacaatctct 60

tggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagttgggtg 120

ttcggcgga 129

<210> 722
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 722

Gly Val Ser Asn Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser
1 5 10 15

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

Cys Ser Tyr Ala Gly Ser Trp Val Phe Gly Gly
        35 40

<210> 723
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 723
ggggtttcta atcgcttctc tggctccaag tctggctaca cggcctccct gacaatctct 60

gggctcgagg ctgaggacga ggctgattat tactgctgct catatgcagg tagttgggta 120

ttcggcgga 129

<210> 724
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 724

Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Glu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Trp Val Phe Gly Gly
35 40

<210> 725
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 725
ggggtttcta atcgcttctc tggctccaag tctggcaaca cggcctccct gtctatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagttgggtg 120

ttcggcgga 129

<210> 726
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 726

Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Ser Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Trp Val Phe Gly Gly
35 40

<210> 727
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 727
ggggtttcta atcgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagttgggtg 120

ttcggcgga 129

<210> 728
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 728

Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Trp Val Phe Gly Gly
35 40

<210> 729
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 729
ggggtttcta atcgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagttgggta 120

ttcggcgga 129

<210> 730
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 730
ggggtttcta atcgcttctc tggctccaag cctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcggg tagttgggta 120

ttcggcgga 129

<210> 731
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 731

Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Pro Gly Asn Thr Ala Ser
1   5   10   15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
            20   25   30

Cys Ser Tyr Ala Gly Ser Trp Val Phe Gly Gly
        35   40

<210> 732
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 732
ggggttgata atcgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct   60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagttgggta   120

ttcggcgga   129

<210> 733
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 733

Gly Val Asp Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1   5   10   15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys

```
            20                  25                  30

Cys Ser Tyr Ala Gly Ser Trp Val Phe Gly Gly
        35                  40


<210>  734
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  734
gggggttctt atcgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct       60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagttgggta      120

ttcggcgga                                                              129


<210>  735
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  735

Gly Gly Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1               5                   10                  15


Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
            20                  25                  30


Cys Ser Tyr Ala Gly Ser Trp Val Phe Gly Gly
        35                  40


<210>  736
<211>  10
<212>  PRT
<213>  Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 736

Cys Ser Tyr Ala Gly Ser Tyr Pro Arg Leu
1   5   10

<210> 737
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 737
gtccctgatc gcttctctgg ctccaggtct gacaacacgg cctccctgac catctctggt   60

ctcctggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacccccgc   120

ctcggaact   129

<210> 738
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 738

Val Pro Asp Arg Phe Ser Gly Ser Arg Ser Asp Asn Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Ser Tyr Pro Arg Leu Gly Thr
        35   40

<210> 739
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 739
gtccctgatc gcttctctgg ctccaagtct gacaagtcgg cctccctgac catctctggt 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacccccgc 120

ctcggaact 129

<210> 740
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 740

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Asp Lys Ser Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Tyr Pro Arg Leu Gly Thr
35 40

<210> 741
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 741
gtccctgatc gcttctctgg ctccaagtct gacaacaggg cctccctgac cttctctggt 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacccccgc 120

ctcggaact 129

<210> 742
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 742

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Asp Asn Arg Ala Ser Leu
1 5 10 15

Thr Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Tyr Pro Arg Leu Gly Thr
35 40

<210> 743
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 743
gtccctgatc gcttctctgg ctccaagtct gacaacacgg cctccctgtc gatctctggt 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacccccgc 120

ctcggaact 129

<210> 744
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 744

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Asp Asn Thr Ala Ser Leu

1 5 10 15

Ser Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Tyr Pro Arg Leu Gly Thr
35 40

<210> 745
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 745
gtccctgatc gcttctctgg ctccaagtct gacaacacgg cctccctgac catctctggt 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacccccgc 120

ctcggaact 129

<210> 746
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 746

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Asp Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Tyr Pro Arg Leu Gly Thr
35 40

<210> 747

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 747
gtccctgatc gcttctctgg ctccaagtct gacaacacgg cctccctgac catctctggt 60

ctccaggctg aggatgaggc taattattac tgctgctcat atgcaggcag ctacccccgc 120

ctcggaacc 129

<210> 748
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 748

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Asp Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asn Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Tyr Pro Arg Leu Gly Thr
35 40

<210> 749
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 749
gtccctgatc gcttctctgg ctccaagtct gacaacacgg ccccctgac catctctgat 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacccccgc 120

ctcggaact 129

<210> 750
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 750

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Asp Asn Thr Ala Pro Leu
1 5 10 15

Thr Ile Ser Asp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Tyr Pro Arg Leu Gly Thr
35 40

<210> 751
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 751
gtccctgatc gcttctctgg ctccaagcct gacaacacgg cctccccgac catctctggt 60

ctccaggctg aggataaggc tgattattac tgctgctcat atgcaggcag ctacccccgc 120

ctcggaact 129

<210> 752
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 752

Val Pro Asp Arg Phe Ser Gly Ser Lys Pro Asp Asn Thr Ala Ser Pro
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Lys Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Ser Tyr Pro Arg Leu Gly Thr
        35   40

<210> 753
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 753
gtccctgatc gcttctctgg ctccaaatct gacaacacgg cctccctgac catctctggt 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacccccgc 120

ctcggaacc 129

<210> 754
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 754
gtccctgacc gcttctctgg ctccaagtct gacaacacgg cctccctgac catctctggt 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacccccgt 120

ctcggaact 129

<210> 755
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 755
gtcccgtttc gcttctctgg ctccaagtct gacaacacgg cctccctgac catctctggt 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacccccgc 120

ctcggaact 129

<210> 756
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 756

Val Pro Phe Arg Phe Ser Gly Ser Lys Ser Asp Asn Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Ser Tyr Pro Arg Leu Gly Thr
        35   40

<210> 757
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 757
gtacctgatc gcttctctgg ctccaagtct gacaacacgg cctccctgac catctcttgt 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacccccgc 120

ctcggaact 129

<210> 758

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 758

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Asp Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Cys Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Tyr Pro Arg Leu Gly Thr
35 40

<210> 759
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 759

Cys Ser Tyr Ala Gly Ser Tyr Thr Phe Val Val Phe
1 5 10

<210> 760
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 760
gttcgcttct ctggctcgaa gtctggcaac gcggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgtggta 120

ttcggcgga 129

<210> 761
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 761

Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Ala Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Val Val Phe Gly Gly
35 40

<210> 762
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 762
gttcgcttct ctggctccaa gtctggcatc gcggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgtggta 120

ttcggcgga 129

<210> 763
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 763

Val Arg Phe Ser Gly Ser Lys Ser Gly Ile Ala Ala Ser Leu Thr Ile

1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Val Val Phe Gly Gly
35 40

<210> 764
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 764
gatcgcttct ctggctccaa gtctggcaac gcggcctccc tgaccatctc ttggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgttgta 120

ttcggcgga 129

<210> 765
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 765

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ala Ala Ser Leu Thr Ile
1 5 10 15

Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Val Val Phe Gly Gly
35 40

<210> 766

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 766
gatcgcttct ctggctccaa gtctggcaac gcggcctccc tgaccatctc tgggctccag 60

gctgaggatg gggctgatta ttactgctgc tcatatgcag gcagctacac tttcgtggta 120

ttcggcggc 129

<210> 767
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 767

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ala Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Gly Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Val Val Phe Gly Gly
35 40

<210> 768
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 768
gatcgcttct ctggctccaa gtctggcaac gcggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgtggta 120

ttcggcgga 129

<210> 769
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 769

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ala Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Val Val Phe Gly Gly
35 40

<210> 770
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 770
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ttttgtggta 120

ttcggcgga 129

<210> 771
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 771

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Phe Val Val Phe Gly Gly
        35   40

<210> 772
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 772
gatcgattct ctggctccaa gtctggcaac gcggcctccc tgaccatctc ttggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgtggta 120

ttcggcgga 129

<210> 773
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 773
tttcgcttct ctggctccaa gtctggcaac gcggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgtggta 120

ttcggcgga 129

<210> 774
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 774

Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Ala Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Phe Val Val Phe Gly Gly
        35   40

<210> 775
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 775
tttcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag   60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ttttgtggta   120

ttcggcgga   129

<210> 776
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 776

Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Phe Val Val Phe Gly Gly
        35   40

<210> 777
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 777
gttcgcttct ctggctccaa gtctggcaac gcggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgtggta 120

ttcggcgga 129

<210> 778
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 778
atccgcttct ctggctccaa gtctggcaac gcggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgtggta 120

ttcggcgga 129

<210> 779
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 779

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Ala Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Phe Val Val Phe Gly Gly
        35   40

<210> 780
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 780
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ttttgtggta 120

ttcggcgga 129

<210> 781
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 781

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Phe Val Val Phe Gly Gly
        35   40

<210> 782
<211> 11
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 782

Cys Ser Tyr Ala Gly Ser Asp Thr Leu Val Leu
1 5 10

<210> 783
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 783
ctgatccgct tctctggctc caggtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgt tgctcatatg caggcagcga cactttggta 120

ctcggcgga 129

<210> 784
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 784

Leu Ile Arg Phe Ser Gly Ser Arg Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Asp Thr Leu Val Leu Gly Gly
35 40

<210> 785

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 785
cgtgatcgct tctctggctc ctggtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgt tgctcatatg caggcagcga cactttggta 120

ctcggcgga 129

<210> 786
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 786

Arg Asp Arg Phe Ser Gly Ser Trp Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Asp Thr Leu Val Leu Gly Gly
35 40

<210> 787
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 787
cctgatcgct tctctggctc catgtctggc aacacggcct ccctgtccat ctctgggctc 60

caggctgagg atgaggctga ttattactgt tgctcatatg caggcagcga cactttggta 120

ctcggcgga 129

<210> 788
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 788

Pro Asp Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Ser
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Asp Thr Leu Val Leu Gly Gly
35 40

<210> 789
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 789
cctgatcgct tctctggctc catgtctggc aacacggcct ccctgaccat ctctgggctc 60

cagtctgagg atgaggctga ttattactgt tgctcatatg caggcagcga cactttggta 120

ctcggcgga 129

<210> 790
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 790

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Pro Asp Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr
1               5                   10                  15


Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20                  25                  30


Tyr Ala Gly Ser Asp Thr Leu Val Leu Gly Gly
        35                  40


<210>  791
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  791
cctgatcgct tctctggctc catgtctggc aacacggcct ccctgaccat ctctgggctc       60

caggctgagg atgagtctga ttattactgt tgctcatatg caggcagcga cactttggta      120

ctcggcgga                                                              129


<210>  792
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  792

Pro Asp Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr
1               5                   10                  15


Ile Ser Gly Leu Gln Ala Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser
            20                  25                  30


Tyr Ala Gly Ser Asp Thr Leu Val Leu Gly Gly
        35                  40
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<210> 793
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 793
cctgatcgct tctctggctc caggtctggc tacacggcct ccctgacgat ctctgggctc 60

caggctgagg atgaggctga ttattactgt tgctcatatg caggcagcga cactttggta 120

ctcggcgga 129

<210> 794
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 794

Pro Asp Arg Phe Ser Gly Ser Arg Ser Gly Tyr Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Asp Thr Leu Val Leu Gly Gly
35 40

<210> 795
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 795
cctgatcgct tctctggctc caggtctggc aactcggcct ccctgaccat ctctgggctc 60

caggctgatg atgaggctga ttattactgt tgctcatatg caggcagcga cactttggta 120

ctcggcgga 129

<210> 796
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 796

Pro Asp Arg Phe Ser Gly Ser Arg Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Asp Thr Leu Val Leu Gly Gly
35 40

<210> 797
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 797
cctgatcgct tctctggctc caggtctggc aacacggcct cccttaccat ctctgggctc 60

ctggctgagg atgaggctga ttattactgt tgctcatatg caggcagcga cactttggta 120

ctcggcgga 129

<210> 798
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 798

Pro Asp Arg Phe Ser Gly Ser Arg Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Asp Thr Leu Val Leu Gly Gly
35 40

<210> 799
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 799
cctgatcgct tctctggctc caggtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgt tgctcatatg caggcagcga cactttggta 120

ctcggcgga 129

<210> 800
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 800

Pro Asp Arg Phe Ser Gly Ser Arg Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Asp Thr Leu Val Leu Gly Gly

35 40

<210> 801
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 801
cctgaccgct tctctggctc caggtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgt tgctcatatg caggtagcga cactttggta 120

ctcggcgga 129

<210> 802
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 802
cctgaccgct tctctggctc caggtctggc aacacggcct ccctgaccac ctctgggctc 60

caggctgagg atgaggctga ttattactgt tgctcatatg caggcagcga cactttggta 120

ctcggcgga 129

<210> 803
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 803

Pro Asp Arg Phe Ser Gly Ser Arg Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Thr Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Asp Thr Leu Val Leu Gly Gly
35 40

<210> 804
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 804
cctgatcgct tctctggctc caggtctggc aacacggcct ccctgaccat ctctgtgctc 60

caggctgagg atgaggctga ttattactgt tgctcatatg caggcagcga cactttggta 120

ctcggcgga 129

<210> 805
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 805

Pro Asp Arg Phe Ser Gly Ser Arg Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Asp Thr Leu Val Leu Gly Gly
35 40

<210> 806
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 806

Cys Ser Tyr Ala Gly Ser Ser Thr Ser Val Val Phe
1   5   10

<210> 807
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 807
gaccgattct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag   60

gctgaggacg aggctgatta ttactgctgc tcgtatgcag gtagtagcac ctctgtggta   120

ttcggcgga   129

<210> 808
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 808

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Ser Val Val Phe Gly Gly
        35   40

<210> 809
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 809
aatcgcttct gtggctcgaa gtctggcaac tcggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttctgtggta 120

ttcggcgga 129

<210> 810
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 810

Asn Arg Phe Cys Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Val Val Phe Gly Gly
35 40

<210> 811
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 811
aatcgcttct cttgctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg agtctgatta ttactgctgc tcatatgcag gtagtagcac ttctgtggta 120

ttcggcgga 129

<210> 812
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 812

Asn Arg Phe Ser Cys Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Val Val Phe Gly Gly
35 40

<210> 813
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 813
aatcgcttct ctggctccaa gtctgtcaac acggcctccc tgacaatctc tgggctccag 60

tctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttctgtggta 120

ttcggcgga 129

<210> 814
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 814

Asn Arg Phe Ser Gly Ser Lys Ser Val Asn Thr Ala Ser Leu Thr Ile

1 5 10 15

Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Val Val Phe Gly Gly
35 40

<210> 815
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 815
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacattctc tgggctccag 60

tctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttctgtggta 120

ttcggcgga 129

<210> 816
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 816

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Phe
1 5 10 15

Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Val Val Phe Gly Gly
35 40

<210> 817

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 817
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttctgtggta 120

ttcggcgga 129

<210> 818
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 818

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Val Val Phe Gly Gly
35 40

<210> 819
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 819
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttccgtggta 120

ttcggcgga 129

<210> 820
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 820
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gcagtagcac ttccgtggta 120

ttcggcgga 129

<210> 821
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 821
aatcgcttct ctggccccaa gtctggcatc acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gcagtagcac ttccgtggta 120

ttcggcgga 129

<210> 822
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 822

Asn Arg Phe Ser Gly Pro Lys Ser Gly Ile Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr

20 25 30

Ala Gly Ser Ser Thr Ser Val Val Phe Gly Gly
35 40

<210> 823
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 823
aatcgcttct caggctcgaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttctgtggta 120

ttcggcgga 129

<210> 824
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 824
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttctgtggta 120

ttcggcgga 129

<210> 825
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 825

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile

1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Val Val Phe Gly Gly
35 40

<210> 826
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 826
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gcagtagcac ttccgtggta 120

ttcggcgga 129

<210> 827
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 827

Cys Ser Phe Ala Gly Ser Tyr Thr Glu Val Phe
1 5 10

<210> 828
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 828

cctgatcgct tctctggctc caagtctggc agcacggcct ccctgaccct ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatttg caggcagcta cacggaggta 120

ttcggcgga 129

<210> 829
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 829

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ser Thr Ala Ser Leu Thr
1 5 10 15

Leu Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Phe Ala Gly Ser Tyr Thr Glu Val Phe Gly Gly
35 40

<210> 830
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 830
gctgttcgct tctctggctc catgtctggc aacacggcct ccctgaccct ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatttg caggcagcta cacggaggta 120

ttcggcgga 129

<210> 831
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 831

Ala Val Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Leu Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Phe Ala Gly Ser Tyr Thr Glu Val Phe Gly Gly
        35   40

<210> 832
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 832
gctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccct ctctgggctc   60

caggctgagg atgaggctga ttatttctgc tgctcatttg caggcagcta cacggaggta   120

ttcggcgga   129

<210> 833
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 833

Ala Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Leu Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
            20   25   30

Phe Ala Gly Ser Tyr Thr Glu Val Phe Gly Gly
35 40

<210> 834
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 834
ctgatccgct tctctggctc caagtctggc aacacggcct ccctgaccct ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatttg caggcagcta cacggaggta 120

ttcggcgga 129

<210> 835
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 835

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Leu Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Phe Ala Gly Ser Tyr Thr Glu Val Phe Gly Gly
35 40

<210> 836
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 836
cctgatcgct tctctggctc gatgtctggc aacacggcct ccctgaccct ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatttg caggcagcta cacggaggta 120

ttcggcgga 129

<210> 837
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 837

Pro Asp Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Leu Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Phe Ala Gly Ser Tyr Thr Glu Val Phe Gly Gly
35 40

<210> 838
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 838
cctgatcgct tctctggctc catgtctggc aagacggcct ccctgaccct ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatttg caggcagcta cacggaggta 120

ttcggcgga 129

<210> 839
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 839

Pro Asp Arg Phe Ser Gly Ser Met Ser Gly Lys Thr Ala Ser Leu Thr
1   5   10   15

Leu Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Phe Ala Gly Ser Tyr Thr Glu Val Phe Gly Gly
        35   40

<210> 840
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 840
cctgatcgct tctctggctc caagtctggc aacacggcct cccttaccct ctctgtgctc   60

caggctgagg atgaggctga ttattactgc tgctcatttg caggcagcta cacggaggta   120

ttcggcgga   129

<210> 841
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 841

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Leu Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Phe Ala Gly Ser Tyr Thr Glu Val Phe Gly Gly
35 40

<210> 842
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 842
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgtccct ctctgtgctc 60

caggctgagg atgaggctga ttattactgc tgctcatttg caggcagcta cacggaggta 120

ttcggcgga 129

<210> 843
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 843

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ser
1 5 10 15

Leu Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Phe Ala Gly Ser Tyr Thr Glu Val Phe Gly Gly
35 40

<210> 844
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 844
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccct ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatttg caggcagcta cacggaggta 120

ttcggcgga 129

<210> 845
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 845

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Leu Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Phe Ala Gly Ser Tyr Thr Glu Val Phe Gly Gly
        35   40

<210> 846
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 846
ccgcttcgct tctctggctc caagtctggc aacacggcct ccctgaccct ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatttg caggcagcta cacggaggta 120

ttcggcgga 129

<210> 847

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 847

Pro Leu Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Leu Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Phe Ala Gly Ser Tyr Thr Glu Val Phe Gly Gly
35 40

<210> 848
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 848
acagatcgct tctctggctc caagtctggc aacacggcct ccctgaccct ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatttg caggcagcta cacggaggta 120

ttcggcgga 129

<210> 849
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 849

Thr Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Leu Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Phe Ala Gly Ser Tyr Thr Glu Val Phe Gly Gly
        35   40

<210> 850
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 850

Cys Ser Tyr Ala Gly Ser Tyr Ser Tyr Val Val Phe
1   5   10

<210> 851
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 851
tttcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag   60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctactc ttatgtggta   120

ttcggcgga   129

<210> 852
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 852

Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile

1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Ser Tyr Val Val Phe Gly Gly
35 40

<210> 853
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 853
gttcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgtgctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctactc ctatgtggta 120

ttcggcgga 129

<210> 854
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 854

Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Ser Tyr Val Val Phe Gly Gly
35 40

<210> 855

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 855
gatcgcttct ctggctgcaa gtctggcaac acggcctccc tgaccatctc ttggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctactc ctatgtggta 120

ttcggcgga 129

<210> 856
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 856

Asp Arg Phe Ser Gly Cys Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Ser Tyr Val Val Phe Gly Gly
35 40

<210> 857
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 857
gatcgcttct ctggctccaa gtctggcatc acggcctccc tgtccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctactc ttatgtggta 120

ttcggcgga 129

<210> 858
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 858

Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Ser Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Ser Tyr Val Val Phe Gly Gly
35 40

<210> 859
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 859
gatcgcttct ctggctccaa gtctggcatc acggcctccc tgaccatctc tgggctccag 60

gctgatgatg aggctgatta ttactgctgc tcatatgcag gcagctactc ctatgtggta 120

ttcggcgga 129

<210> 860
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 860

Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Ser Tyr Val Val Phe Gly Gly
        35   40

<210> 861
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 861
gatcgcttct ctggctccaa gtctggcaac tcggcctccc tgtccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctactc ttatgtggta 120

ttcggcgga 129

<210> 862
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 862

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Ser Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Ser Tyr Val Val Phe Gly Gly
        35   40

<210> 863
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 863
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctactc ttatgtggta 120

ttcggcgga 129

<210> 864
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 864

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Ser Tyr Val Val Phe Gly Gly
35 40

<210> 865
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 865
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctactc ctatgtggta 120

ttcggcgga 129

<210> 866
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 866
gttcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctactc ctatgtggta 120

ttcggcgga 129

<210> 867
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 867

Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Ser Tyr Val Val Phe Gly Gly
35 40

<210> 868
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 868
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctactc ctatgtggta 120

ttcggcgga 129

<210> 869
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 869

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Ser Tyr Val Val Phe Gly Gly
35 40

<210> 870
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 870
atacgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctactc ctatgtggta 120

ttcggcgga 129

<210> 871
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 871

Cys Ser Tyr Ala Gly Ser Ser Val Val Phe
1 5 10

<210> 872
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 872
tttctaatcc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcgtggta 120

ttcggcgga 129

<210> 873
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 873

Phe Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Val Val Phe Gly Gly
35 40

<210> 874

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 874
gtttctaatg gcttctctgg ctccaagtct ggcaacacgg cctccctgac attctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcgtggta 120

ttcggcgga 129

<210> 875
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 875

Val Ser Asn Gly Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Val Val Phe Gly Gly
35 40

<210> 876
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 876
gtttctaatc gcttctctgg ctccaagtct ggcaagacgg cctccctgac tatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcgtggta 120

ttcggcgga 129

<210> 877
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 877

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Val Val Phe Gly Gly
35 40

<210> 878
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 878
gtttctaatc gcttctctgg ctccaagtct ggcaactcgg cctccctgac tatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcgtggta 120

ttcggcgga 129

<210> 879
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 879

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Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu
1               5                   10                  15


Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20                  25                  30


Ser Tyr Ala Gly Ser Ser Val Val Phe Gly Gly
        35                  40


<210>  880
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  880
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgtc tatctctggg       60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcgtggta      120

ttcggcgga                                                              129


<210>  881
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  881

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1               5                   10                  15


Ser Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20                  25                  30


Ser Tyr Ala Gly Ser Ser Val Val Phe Gly Gly
        35                  40
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<210> 882
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 882
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac tatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcgttgta 120

ttcggcgga 129

<210> 883
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 883

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Val Val Phe Gly Gly
35 40

<210> 884
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 884
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagtgtggta 120

ttcggcgga 129

<210> 885
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 885
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcgtggta 120

ttcggcgga 129

<210> 886
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 886
gtttctaata gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctcttgg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagtgtggta 120

ttcggcgga 129

<210> 887
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 887

Val Ser Asn Ser Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

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

Ser Tyr Ala Gly Ser Ser Val Val Phe Gly Gly
        35   40

<210> 888
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 888
gtttataatc gcttctctgg ctccaagtct ggcaagacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcgtggta 120

ttcggcgga 129

<210> 889
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 889

Val Tyr Asn Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Ser Ser Val Val Phe Gly Gly
        35   40

<210> 890
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 890
gttctaatcc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcgtggta 120

ttcggcgga 129

<210> 891
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 891

Val Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Val Val Phe Gly Gly
35 40

<210> 892
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 892

Cys Ser Tyr Ala Gly Ser Ser Thr Phe Gly Val Val Phe
1 5 10

<210> 893

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 893
cgcttctctg gctccatgtc tggcaacacg gcctccctga ctatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt cggtgtggta 120

ttcggcgga 129

<210> 894
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 894

Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Gly Val Val Phe Gly Gly
35 40

<210> 895
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 895
cgcttctctg gctccatgtc tggcaacacg gcctccctga caatctctgg gctcgaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt cggtgtggta 120

ttcggcgga 129

<210> 896
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 896

Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Glu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Gly Val Val Phe Gly Gly
35 40

<210> 897
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 897
cgcttctctg gctccaagtc ttgcaactcg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt cggagtggta 120

ttcggcgga 129

<210> 898
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 898

Arg Phe Ser Gly Ser Lys Ser Cys Asn Ser Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Gly Val Val Phe Gly Gly
35 40

<210> 899
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 899
cgcttctctg gctccaagtc tggctacacg gcctccctga ctatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt cggtgtggta 120

ttcggcgga 129

<210> 900
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 900

Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Gly Val Val Phe Gly Gly
35 40

<210> 901
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 901
cgcttctctg gctccaagtc tggcaactcg gcctccctga gaatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt cggagtggta 120

ttcggcgga 129

<210> 902
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 902

Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Arg Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Gly Val Val Phe Gly Gly
35 40

<210> 903
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 903
cgcttctctg gctccaagtc tggcaacacg gcctccctgt ctatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt cggtgtggta 120

ttcggcgga 129

<210> 904
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 904

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ser Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Gly Val Val Phe Gly Gly
35 40

<210> 905
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 905
cgcttctctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctcgaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt cggtgtggtt 120

ttcggcgga 129

<210> 906
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 906

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Glu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Gly Val Val Phe Gly Gly
35 40

<210> 907
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 907
cgcttctctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt cggtgtggta 120

ttcggcgga 129

<210> 908
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 908

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Gly Val Val Phe Gly Gly

35 40

<210> 909
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 909
cgcttctctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt cggagtggta 120

ttcggcgga 129

<210> 910
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 910
cgcttctctg gctacaagtc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gatgacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt cggtgtggta 120

ttcggcgga 129

<210> 911
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 911

Arg Phe Ser Gly Tyr Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala

20 25 30

Gly Ser Ser Thr Phe Gly Val Val Phe Gly Gly
35 40

<210> 912
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 912
tcgcttctct ggctccaagt ctggcaacac ggcctcctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt cggtgtggta 120

ttcggcgga 129

<210> 913
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 913

Ser Leu Leu Trp Leu Gln Val Trp Gln His Gly Leu Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Gly Val Val Phe Gly Gly
35 40

<210> 914
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 914

Cys Ser Tyr Ala Gly Ser Ser Gly Val Phe
1   5   10

<210> 915
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 915
gtttcttatc gcttctctgg ctccaagtgt ggcaacacgg cctccctgac aatctctggg   60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcggggtg   120

ttcggcgga   129

<210> 916
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 916

Val Ser Tyr Arg Phe Ser Gly Ser Lys Cys Gly Asn Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Ser Ser Gly Val Phe Gly Gly
        35   40

<210> 917
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 917
gtttcttatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctcttgg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcggggtg 120

ttcggcgga 129

<210> 918
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 918

Val Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

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

Ser Tyr Ala Gly Ser Ser Gly Val Phe Gly Gly
35 40

<210> 919
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 919
gtttcttatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctcgaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcggggtg 120

ttcggcgga 129

<210> 920
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 920

Val Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Glu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Gly Val Phe Gly Gly
35 40

<210> 921
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 921
gtttctaatc gcttctctgt ctccaagtct ggcaacacgg cctccctgac aacctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcggggtg 120

ttcggcgga 129

<210> 922
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 922

Val Ser Asn Arg Phe Ser Val Ser Lys Ser Gly Asn Thr Ala Ser Leu

1 5 10 15

Thr Thr Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Gly Val Phe Gly Gly
35 40

<210> 923
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 923
gtttctaatc gcttctctgg ctccatgtct gtcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcggggtg 120

ttcggcgga 129

<210> 924
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 924

Val Ser Asn Arg Phe Ser Gly Ser Met Ser Val Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Gly Val Phe Gly Gly
35 40

<210> 925

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 925
gtttctaatc gcttctctgg ctccaagtct ggcatctcgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcggggtg 120

ttcggcgga 129

<210> 926
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 926

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Ser Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Gly Val Phe Gly Gly
35 40

<210> 927
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 927
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgtc aatctcttgg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcggggtg 120

ttcggcgga 129

<210> 928
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 928

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Ser Ile Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Gly Val Phe Gly Gly
35 40

<210> 929
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 929
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctgtg 60

ctccaggctg atgacgaggc tgattattac tgctgctcat atgcaggtag tagcggggtg 120

ttcggcgga 129

<210> 930
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 930

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Val Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Gly Val Phe Gly Gly
35 40

<210> 931
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 931
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcgggtag tagcggagtg 120

ttcggcgga 129

<210> 932
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 932

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Gly Val Phe Gly Gly
35 40

<210> 933
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 933
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcggggtg 120

ttcggcgga 129

<210> 934
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 934
gttctaatcc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcggggtg 120

ttcggcgga 129

<210> 935
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 935

Val Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Gly Val Phe Gly Gly
        35   40

<210> 936
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 936

Cys Ser Tyr Ala Gly Ser Tyr Thr Leu Ala Val Phe
1   5   10

<210> 937
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 937
gttcgcttct ctggctccaa ggctggcaac acggcctccc tgaccatctc tgggctccag   60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttggcggta   120

ttcggcgga   129

<210> 938
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 938

Val Arg Phe Ser Gly Ser Lys Ala Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr

```
            20                  25                  30

Ala Gly Ser Tyr Thr Leu Ala Val Phe Gly Gly
        35                  40


<210>  939
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  939
gatcgtttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag       60

gctgaggatg aggctgatta tcactgctgc tcatatgcag gcagctacac tttggcggta      120

ttcggcgga                                                              129


<210>  940
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  940

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1               5                   10                  15


Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr His Cys Cys Ser Tyr
            20                  25                  30


Ala Gly Ser Tyr Thr Leu Ala Val Phe Gly Gly
        35                  40


<210>  941
<211>  129
<212>  DNA
<213>  Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 941
gatcgcttct ctggctcgaa gtctggcaac acggcctgcc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttggcggta 120

ttcggcgga 129

<210> 942
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 942

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Cys Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Leu Ala Val Phe Gly Gly
        35   40

<210> 943
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 943
gatcgcttct ctggctccaa gtcttgcaac actgcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttggcggta 120

ttcggcgga 129

<210> 944

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 944

Asp Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Ala Val Phe Gly Gly
35 40

<210> 945
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 945
gatcgcttct ctggctccaa gtctggcaag acggcctccc tgaccatctc tgggctccag 60

gctgtggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttggcggta 120

ttcggcgga 129

<210> 946
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 946

Asp Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Val Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Leu Ala Val Phe Gly Gly
        35   40

<210> 947
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 947
gatcgcttct ctggctccaa gtctggcaac tcggcctccc tgaccatctc tgggctgcag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttggcggta 120

ttcggcgga 129

<210> 948
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 948

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Leu Ala Val Phe Gly Gly
        35   40

<210> 949
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 949
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttggcggta 120

ttcggcgga 129

<210> 950
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 950

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20 25 30

Ala Gly Ser Tyr Thr Leu Ala Val Phe Gly Gly
        35 40

<210> 951
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 951
gatcgcttct ctggctccaa ggctggcaac tcggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttggcggta 120

ttcggcgga 129

<210> 952
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 952

Asp Arg Phe Ser Gly Ser Lys Ala Gly Asn Ser Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Ala Val Phe Gly Gly
35 40

<210> 953
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 953
gatagcttct ctggctccaa gtcttgcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttggcggta 120

ttcggcgga 129

<210> 954
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 954

Asp Ser Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu Thr Ile

1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Ala Val Phe Gly Gly
35 40

<210> 955
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 955
ttccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttggcggta 120

ttcggcgga 129

<210> 956
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 956

Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Ala Val Phe Gly Gly
35 40

<210> 957

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 957
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttggcggta 120

ttcggcgga 129

<210> 958
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 958

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Ala Val Phe Gly Gly
35 40

<210> 959
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 959

Cys Ser Tyr Ala Gly Ser Tyr Thr Phe Ala Val Phe
1 5 10

<210> 960
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 960
gttcgcttct ctggcttcaa gtctggcaac acggcctccc tgaccatctc tgtgctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgcggtg 120

ttcggcgga 129

<210> 961
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 961

Val Arg Phe Ser Gly Phe Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Ala Val Phe Gly Gly
35 40

<210> 962
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 962
gatctcttct cttgctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgcggtg 120

ttcggcgga 129

<210> 963
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 963

Asp Leu Phe Ser Cys Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Ala Val Phe Gly Gly
35 40

<210> 964
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 964
gatcgcttct ctggcttcaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgcggtg 120

ttcggcgga 129

<210> 965
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 965

Asp Arg Phe Ser Gly Phe Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Ala Val Phe Gly Gly
35 40

<210> 966
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 966
gatcgcttct ctggctccaa gtctggcaag acggcctccc agaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgcggtg 120

ttcggcgga 129

<210> 967
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 967

Asp Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Gln Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Ala Val Phe Gly Gly

35 40

<210> 968
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 968
gatcgcttct ctggctccaa gtctggcaac acggcctgcc tgaccatctc tgggctccag 60

gctgaggatg atgctgatta ttactgctgc tcatatgcag gcagctacac tttcgcggtg 120

ttcggcgga 129

<210> 969
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 969

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Cys Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Asp Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Ala Val Phe Gly Gly
35 40

<210> 970
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 970

gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgtgctccag 60

gctgaggatg atgctgatta ttactgctgc tcatatgcag gcagctacac tttcgcggtg 120

ttcggcgga 129

<210> 971
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 971

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Val Leu Gln Ala Glu Asp Asp Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Ala Val Phe Gly Gly
35 40

<210> 972
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 972
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgcggtg 120

ttcggcgga 129

<210> 973
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 973

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Phe Ala Val Phe Gly Gly
        35   40

<210> 974
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 974
gatcgcttct ctggctccaa ggctcgcaac acggcctccc tgaccatctc tgggctccag   60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgcggtg   120

ttcggcgga   129

<210> 975
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 975

Asp Arg Phe Ser Gly Ser Lys Ala Arg Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Phe Ala Val Phe Gly Gly
35 40

<210> 976
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 976
gatcgcttcc ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccgg 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgcggtg 120

ttcggcgga 129

<210> 977
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 977

Asp Arg Phe Pro Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Arg Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Ala Val Phe Gly Gly
35 40

<210> 978
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 978
ttacgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgcggtg 120

ttcggcgga 129

<210> 979
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 979

Leu Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Ala Val Phe Gly Gly
35 40

<210> 980
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 980
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgcggtg 120

ttcggcgga 129

<210> 981
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 981

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Ala Val Phe Gly Gly
35 40

<210> 982
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 982

Cys Ser Tyr Ala Gly Ser Tyr Thr Phe Asp Val Val Phe
1 5 10

<210> 983
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 983
cgcttctctg gctgcaagtc tggcaacacg gcctccctga ccatctctgg gctgcaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cgatgtggta 120

ttcggcgga 129

<210> 984

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 984

Arg Phe Ser Gly Cys Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Asp Val Val Phe Gly Gly
35 40

<210> 985
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 985
cgcttctctg gctcgatgtc tggcaacacg gcctccctga ccatctctgg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cgatgtggta 120

ttcggcgga 129

<210> 986
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 986

Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
            20   25   30

Gly Ser Tyr Thr Phe Asp Val Val Phe Gly Gly
        35   40

<210> 987
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 987
cgcttctctg gctccaagtc tgtcaacatg gcctccctga ccatctctgg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cgatgtggta 120

ttcggcgga 129

<210> 988
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 988

Arg Phe Ser Gly Ser Lys Ser Val Asn Met Ala Ser Leu Thr Ile Ser
1   5   10   15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
            20   25   30

Gly Ser Tyr Thr Phe Asp Val Val Phe Gly Gly
        35   40

<210> 989
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 989
cgcttctctg gctccaagtc tgtcaacacg gcctccctga ccatctctgg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cgatgttgta 120

ttcggcgga 129

<210> 990
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 990

Arg Phe Ser Gly Ser Lys Ser Val Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Asp Val Val Phe Gly Gly
35 40

<210> 991
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 991
cgcttctctg gctccaagtc tggcaactcg gcctccctga ccatctctgg gctcgaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cgatgtggta 120

ttcggcgga 129

<210> 992
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 992

Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Glu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Asp Val Val Phe Gly Gly
35 40

<210> 993
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 993
cgcttctctg gctccaagtc tggcaacacg gcctccctgg ccatctctgg gctccaggct 60

gaggataagg ctgattatta ctgctgctca tatgcaggca gctacacttt cgatgtggta 120

ttcggcgga 129

<210> 994
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 994

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ala Ile Ser

1 5 10 15

Gly Leu Gln Ala Glu Asp Lys Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Asp Val Val Phe Gly Gly
35 40

<210> 995
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 995
cgcttctctg gctccaagtc tggcaacacg gcctccctga ccatctctgg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cgatgtggta 120

ttcggcgga 129

<210> 996
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 996

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Asp Val Val Phe Gly Gly
35 40

<210> 997

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 997
cgcttctctg gctccaagtc cggcaacacg gcctccctga ctatctctgg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cgatgtggta 120

ttcggcgga 129

<210> 998
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 998
tcgcttctct ggctccaagt ctggcaacac ggcctcctga ccatctctgg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cgatgtggta 120

ttcggcgga 129

<210> 999
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 999

Ser Leu Leu Trp Leu Gln Val Trp Gln His Gly Leu Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Asp Val Val Phe Gly Gly

35 40

<210> 1000
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1000
tcgcttctct ggctccaagt ctggcaacac ggcctccctg accatctctg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cgatgtggta 120

ttcggcgga 129

<210> 1001
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1001

Ser Leu Leu Trp Leu Gln Val Trp Gln His Gly Leu Pro Asp His Leu
1 5 10 15

Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Asp Val Val Phe Gly Gly
35 40

<210> 1002
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1002

Cys Ser Tyr Ala Gly Ser Ser Thr Leu Phe
1 5 10

<210> 1003
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1003
tttctaatcc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcacttta 120

ttcggcgga 129

<210> 1004
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1004

Phe Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Thr Leu Phe Gly Gly
35 40

<210> 1005
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1005
gtttctaatc tcttctctgg ctccaagtct tgcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcacttta 120

ttcggcgga 129

<210> 1006
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1006

Val Ser Asn Leu Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Thr Leu Phe Gly Gly
35 40

<210> 1007
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1007
gtttctaatc gcttctctgt ctccaagtct ggaaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcacttta 120

ttcggcgga 129

<210> 1008
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1008

Val Ser Asn Arg Phe Ser Val Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Thr Leu Phe Gly Gly
35 40

<210> 1009
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1009
gtttctaatc gcttctctgg ctccaagtct tgcatcacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcacttta 120

ttcggcgga 129

<210> 1010
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1010

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Cys Ile Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys

20 25 30

Ser Tyr Ala Gly Ser Ser Thr Leu Phe Gly Gly
35 40

<210> 1011
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1011
gtttctaatc gcttctctgg ctccaagtct ggcaagactg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcacttta 120

ttcggcgga 129

<210> 1012
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1012

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Thr Leu Phe Gly Gly
35 40

<210> 1013
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1013
gtttctaatc gcttctctgg ctccaagtct ggcaacactg cctccctgac aatctctcgg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcacttta 120

ttcggcgga 129

<210> 1014
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1014

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1   5   10   15

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

Ser Tyr Ala Gly Ser Ser Thr Leu Phe Gly Gly
        35   40

<210> 1015
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1015
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctgtg 60

ctccaggctg atgacgaggc tgattattac tgctgctcat atgcaggtag tagcacttta 120

ttcggcgga 129

<210> 1016

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1016

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Val Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Thr Leu Phe Gly Gly
35 40

<210> 1017
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1017
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcacttta 120

ttcggcgga 129

<210> 1018
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1018

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Thr Leu Phe Gly Gly
35 40

<210> 1019
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1019
gtttctaatc gcttctctgg ctccaagtcc ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgatcattac tgctgctcat atgcaggtag tagcacttta 120

ttcggcgga 129

<210> 1020
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1020

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp His Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Thr Leu Phe Gly Gly
35 40

<210> 1021
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1021
gttcttattc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcacttta 120

ttcggcgga 129

<210> 1022
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1022

Val Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Thr Leu Phe Gly Gly
35 40

<210> 1023
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1023

Cys Ser Tyr Ala Gly Ser Ser Ser Tyr Val Phe
1 5 10

<210> 1024

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1024
tctcatcgct tctctggctc caaggctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctcttatgtc 120

ttcggaact 129

<210> 1025
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1025

Ser His Arg Phe Ser Gly Ser Lys Ala Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ser Tyr Val Phe Gly Thr
35 40

<210> 1026
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1026
tctaatcgct tctctggctc caagtctggc atcacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctcttatgtc 120

ttcggaact 129

<210> 1027
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1027

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ser Tyr Val Phe Gly Thr
35 40

<210> 1028
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1028
tctaatcgct tctctggctc caagtctggc atcacggcct ccctgacaat ctctgggctc 60

cagtctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctcttatgtc 120

ttcggaact 129

<210> 1029
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1029

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Ser Tyr Val Phe Gly Thr
        35   40

<210> 1030
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1030
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctcttatgtc 120

ttcggaact 129

<210> 1031
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1031

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Ser Tyr Val Phe Gly Thr
        35   40

<210> 1032
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1032
tctaatcgct tctctggctc caagtctggc aacacggcct gcctgtcaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctcttatgtc 120

ttcggaact 129

<210> 1033
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1033

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Cys Leu Ser
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ser Tyr Val Phe Gly Thr
35 40

<210> 1034
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1034
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctcttatgtc 120

ttcggaact 129

<210> 1035
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1035

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ser Tyr Val Phe Gly Thr
35 40

<210> 1036
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1036
tctaatcgct tctctggctc caaggctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgatgctga ttattactgc tgctcatatg caggtagtag ctcttatgtc 120

ttcggaact 129

<210> 1037
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1037

Ser Asn Arg Phe Ser Gly Ser Lys Ala Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Asp Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ser Tyr Val Phe Gly Thr
35 40

<210> 1038
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1038
tctaatcgct tccctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgggg acgaggctga ttattactgc tgctcatatg caggtagtag ctcttatgtc 120

ttcggaact 129

<210> 1039
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1039

Ser Asn Arg Phe Pro Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Gly Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ser Tyr Val Phe Gly Thr

35 40

<210> 1040
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1040
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctcttatgtc 120

ttcggaact 129

<210> 1041
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1041

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ser Tyr Val Phe Gly Thr
35 40

<210> 1042
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1042

ctaatacgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctcttatgtc 120

ttcggaact 129

<210> 1043
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1043

Cys Ser Tyr Ala Gly Ser Tyr Thr Ser Val Val Phe
1 5 10

<210> 1044
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1044
gatcgcttct ctggctccaa gtctggcatc tcggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ttccgtggta 120

ttcggcgga 129

<210> 1045
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1045

Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Ser Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Ser Val Val Phe Gly Gly
        35   40

<210> 1046
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1046
gatcgcttct ctggctccaa gtctggcatc acggcctccc tgaccttctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ttccgtggta 120

ttcggcgga 129

<210> 1047
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1047

Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr Phe
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Ser Val Val Phe Gly Gly
        35   40

<210> 1048
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1048
gatcgcttct ctggctccaa gtctggcaac acggcctccc ttaccatctc tgggctccag 60

gctgaggatg tggctgatta ttactgctgc tcatatgcag gcagctacac ttccgtggta 120

ttcggcgga 129

<210> 1049
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1049

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Val Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Ser Val Val Phe Gly Gly
35 40

<210> 1050
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1050
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctcctg 60

gctgaggttg aggctgatta ttactgctgc tcatatgcag gcagctacac ttccgtggta 120

ttcggcgga 129

<210> 1051
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1051

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Leu Ala Glu Val Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Ser Val Val Phe Gly Gly
35 40

<210> 1052
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1052
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctcctg 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ttccgttgta 120

ttcggcgga 129

<210> 1053
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1053

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile

1 5 10 15

Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Ser Val Val Phe Gly Gly
35 40

<210> 1054
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1054
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg agtctgatta ttactgctgc tcatatgcag gcagctacac ttccgttgta 120

ttcggcgga 129

<210> 1055
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1055

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Ser Val Val Phe Gly Gly
35 40

<210> 1056

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1056
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ttccgtggta 120

ttcggcgga 129

<210> 1057
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1057

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Ser Val Val Phe Gly Gly
35 40

<210> 1058
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1058
tttcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ttccgtggta 120

ttcggcgga 129

<210> 1059
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1059

Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Ser Val Val Phe Gly Gly
35 40

<210> 1060
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1060
ttccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ttccgtggta 120

ttcggcgga 129

<210> 1061
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1061

atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ttccgtggta 120

ttcggcgga 129

<210> 1062
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1062

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Ser Val Val Phe Gly Gly
35 40

<210> 1063
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1063

Cys Ser Tyr Ala Gly Ser Tyr Thr Val Val Phe
1 5 10

<210> 1064
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1064
ctgattcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactgtggta 120

ttcggcgga 129

<210> 1065
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1065

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Val Val Phe Gly Gly
35 40

<210> 1066
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1066
cgtgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

ctggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactgtggta 120

ttcggcgga 129

<210> 1067
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1067

Arg Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Val Val Phe Gly Gly
35 40

<210> 1068
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1068
cctgatggct tctctggctc caagtctggc aacacggcct ccctgacctt ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactgtggta 120

ttcggcgga 129

<210> 1069
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1069

Pro Asp Gly Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Tyr Thr Val Val Phe Gly Gly
35 40

<210> 1070
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1070
cctgatcgct tctctggctc caagtctggc tactcggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactgtggta 120

ttcggcgga 129

<210> 1071
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1071

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Val Val Phe Gly Gly
35 40

<210> 1072
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1072
cctgatcgct tctctggctc caagtctggc tacacggcct ccctgacgat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactgtggta 120

ttcggcgga 129

<210> 1073
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1073

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Val Val Phe Gly Gly
        35   40

<210> 1074
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1074
cctgatcgct tctctggctc caagtctggc aactcggcct ccctgaccat ctctgggctc 60

cagtctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactgtggta 120

ttcggcgga 129

<210> 1075

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1075

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Val Val Phe Gly Gly
35 40

<210> 1076
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1076
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

cagtctgagg atgagtctga ttattactgc tgctcatatg caggcagcta cactgtggta 120

ttcggcgga 129

<210> 1077
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1077

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ser Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Val Val Phe Gly Gly
        35   40

<210> 1078
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1078
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactgtggta 120

ttcggcgga 129

<210> 1079
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1079

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Val Val Phe Gly Gly
        35   40

<210> 1080
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1080
cctgatcgct tctctggctc caagtctgga aacacggcct ccctgaccat ctctgggctc 60

ctggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactgtggta 120

ttcggcgga 129

<210> 1081
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1081

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Val Val Phe Gly Gly
35 40

<210> 1082
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1082
cctgatcgct tccctggctc caagtctggc aacacggcct ccctgaccac ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactgtggta 120

ttcggcgga 129

<210> 1083
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1083

Pro Asp Arg Phe Pro Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Thr Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Val Val Phe Gly Gly
        35   40

<210> 1084
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1084

Cys Ser Tyr Ala Gly Ser Tyr Thr Asn Trp Val Phe
1   5   10

<210> 1085
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1085
gatcgcttct ctgtctccaa gtctgtcaac acggcctccc tgaccctctc tgggctccag   60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac caattgggtg   120

ttcggcgga 129

<210> 1086
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1086

Asp Arg Phe Ser Val Ser Lys Ser Val Asn Thr Ala Ser Leu Thr Leu
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Asn Trp Val Phe Gly Gly
35 40

<210> 1087
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1087
gatcgcttct ctggctcgaa gtctggcaac actgcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac caattgggtg 120

ttcggcgga 129

<210> 1088
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1088

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Asn Trp Val Phe Gly Gly
        35   40

<210> 1089
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1089
gatcgcttct ctggctccaa gtctggcaag acggcctccc tgtccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac caattgggtg 120

ttcggcgga 129

<210> 1090
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1090

Asp Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Ser Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Asn Trp Val Phe Gly Gly
        35   40

<210> 1091
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1091
gatcgcttct ctggctccaa gtctggcaac actgcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac caattgggtg 120

ttcggcggt 129

<210> 1092
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1092
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac caattgggtg 120

ttcggcgga 129

<210> 1093
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1093
gatcgcttct cgggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gcagctacac caattgggtg 120

ttcggcgga 129

<210> 1094

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1094
ttccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac caattgggtg 120

ttcggcgga 129

<210> 1095
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1095

Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Asn Trp Val Phe Gly Gly
35 40

<210> 1096
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1096
gttcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac caattgggtg 120

ttcggcgga 129

<210> 1097
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1097

Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Asn Trp Val Phe Gly Gly
35 40

<210> 1098
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1098
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac caattgggtg 120

ttcggcgga 129

<210> 1099
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1099

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Asn Trp Val Phe Gly Gly
        35   40

<210> 1100
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1100

Cys Ser Tyr Ala Gly Ser Ser Thr Pro Tyr Val Phe
1   5   10

<210> 1101
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1101
tttcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tccctacgtc 120

ttcggaact 129

<210> 1102
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1102

Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Pro Tyr Val Phe Gly Thr
35 40

<210> 1103
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1103
aatcgcttct ctggctccat gtctggcatc acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tccttatgtc 120

ttcggaact 129

<210> 1104
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1104

Asn Arg Phe Ser Gly Ser Met Ser Gly Ile Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Pro Tyr Val Phe Gly Thr

35 40

<210> 1105
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1105
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctcgag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tccttatgtc 120

ttcggatct 129

<210> 1106
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1106

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Glu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Pro Tyr Val Phe Gly Ser
35 40

<210> 1107
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1107

aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tccttatgtc 120

ttcggaact 129

<210> 1108
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1108

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Pro Tyr Val Phe Gly Thr
35 40

<210> 1109
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1109
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tccctacgtc 120

ttcggaact 129

<210> 1110
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1110
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac cccctatgtc 120

ttcggaact 129

<210> 1111
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1111
aatcgattct ctggctccaa gtctggcaac acggcctccc tgactatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tccctacgtc 120

ttcggaact 129

<210> 1112
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1112
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tccttatgtc 120

ttcggaact 129

<210> 1113
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1113

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Pro Tyr Val Phe Gly Thr
35 40

<210> 1114
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1114
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac cccctatgtc 120

ttcggaact 129

<210> 1115
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1115

Cys Ser Tyr Ala Gly Ser Val Val Phe
1 5

<210> 1116
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1116
ggggttctaa ttcgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagtgtggta 120

ttcggcgga 129

<210> 1117
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1117

Gly Val Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1   5   10   15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
            20   25   30

Cys Ser Tyr Ala Gly Ser Val Val Phe Gly Gly
        35   40

<210> 1118
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1118
ggggttctaa tccgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagtgtggta 120

ttcggcgga 129

<210> 1119

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1119
gggtttctaa tccgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagtgtggta 120

ttcggcgga 129

<210> 1120
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1120

Gly Phe Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Val Val Phe Gly Gly
35 40

<210> 1121
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1121
gtggtttcta atcgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgatgacga ggctgattat tactgctgct catatgcagg tagtgtggta 120

ttcggcgga 129

<210> 1122
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1122

Val Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Val Val Phe Gly Gly
35 40

<210> 1123
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1123
ggtgtttcta atcgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

tggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagtgtggta 120

ttcggcgga 129

<210> 1124
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1124

Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

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

Cys Ser Tyr Ala Gly Ser Val Val Phe Gly Gly
35 40

<210> 1125
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1125
ggggtttcta atcgcttctc ttgctcgaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagtgtggta 120

ttcggcgga 129

<210> 1126
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1126

Gly Val Ser Asn Arg Phe Ser Cys Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Val Val Phe Gly Gly
35 40

<210> 1127
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1127
ggggtttcta atcgcttctc ttgctccaag tctggcaaca cggcctccct gagaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagtgtggta 120

ttcggcgga 129

<210> 1128
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1128

Gly Val Ser Asn Arg Phe Ser Cys Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Arg Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Val Val Phe Gly Gly
35 40

<210> 1129
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1129
ggggtttcta atcgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagtgtggta 120

ttcggcgga 129

<210> 1130
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1130

Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Val Val Phe Gly Gly
35 40

<210> 1131
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1131
ggggttgcta atcgcttctc tggctcgaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagtgtggta 120

ttcggcgga 129

<210> 1132
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1132

Gly Val Ala Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Val Val Phe Gly Gly
35 40

<210> 1133
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1133

Cys Ser Glu Val Phe
1 5

<210> 1134
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1134
atgcggccct ctggggtttc ttatcgcttc tctggctcca agtctggcaa cacggcctcc 60

ctgacaatct ctgggctcca ggctgaggac gaggctgatt attactgctg ctcagaggta 120

ttcggcgga 129

<210> 1135
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1135

Met Arg Pro Ser Gly Val Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly
1   5   10   15

Asn Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala
            20   25   30

Asp Tyr Tyr Cys Cys Ser Glu Val Phe Gly Gly
        35   40

<210> 1136
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1136
aagcggccgt caggggtttc taatggcttc tctggctcca agtctggcaa cacggcctcc   60

ctgacaatct ctgggctcca ggctgaggac gaggctgatt attactgctg ctcagaggta   120

ttcggcgga   129

<210> 1137
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1137

Lys Arg Pro Ser Gly Val Ser Asn Gly Phe Ser Gly Ser Lys Ser Gly
1   5   10   15

Asn Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala
            20   25   30

Asp Tyr Tyr Cys Cys Ser Glu Val Phe Gly Gly
35 40

<210> 1138
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1138
aagcggccct cagtggtttc taatcgcttc tctggctcca agtctggcaa gacggcctcc 60

ctgacaatct ctgggctcca ggctgaggac gaggctgatt attactgctg ctcagaggta 120

ttcggcgga 129

<210> 1139
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1139

Lys Arg Pro Ser Val Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly
1 5 10 15

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

Asp Tyr Tyr Cys Cys Ser Glu Val Phe Gly Gly
35 40

<210> 1140
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1140
aagcggccct cagtggtttc taatcgcttc tctggctcca agtctggcaa cacgtcctcc 60

ctgacaatct ctgggctcca ggctgaggac gaggctgatt attactgctg ctcagaggta 120

ttcggcgga 129

<210> 1141
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1141

Lys Arg Pro Ser Val Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly
1 5 10 15

Asn Thr Ser Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala
20 25 30

Asp Tyr Tyr Cys Cys Ser Glu Val Phe Gly Gly
35 40

<210> 1142
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1142
aagcggccct cagtggtttc taatcgcttc tctggctcca agtctggcaa cacggcctcc 60

ctgacattct ctgggctcca ggctgaggac gaggctgatt attactgctg ctcagaggta 120

ttcggcgga 129

<210> 1143
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1143

Lys Arg Pro Ser Val Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly
1   5   10   15

Asn Thr Ala Ser Leu Thr Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala
            20   25   30

Asp Tyr Tyr Cys Cys Ser Glu Val Phe Gly Gly
        35   40

<210> 1144
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1144
aagcggccct caggggtttc ttatcgcttc tctggctcca agtctggcaa cacggcctcc   60

ctgactatct ctgggctcca ggctgaggac gaggctgatt attactgctg ctcagaggta   120

ttcggcgga   129

<210> 1145
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1145

Lys Arg Pro Ser Gly Val Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly
1   5   10   15

Asn Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala

20 25 30

Asp Tyr Tyr Cys Cys Ser Glu Val Phe Gly Gly
35 40

<210> 1146
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1146
aagcggccct caggggtttc taatcgcttc tctggctcca agtctggcaa cacggcctcc 60

ctgacaatct ctgggctcca ggctgaggac gaggctgatt attactgctg ctcagaggta 120

ttcggcgga 129

<210> 1147
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1147

Lys Arg Pro Ser Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly
1 5 10 15

Asn Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala
20 25 30

Asp Tyr Tyr Cys Cys Ser Glu Val Phe Gly Gly
35 40

<210> 1148
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1148
aagcggccct caggggtttc taatcgcttc tctggctcca agtctggcaa cacggcctcc 60

ctgacaatct ctgggctaca ggctgaggac gaggctggtt attactgctg ctcagaggta 120

ttcggcgga 129

<210> 1149
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1149

Lys Arg Pro Ser Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly
1   5   10   15

Asn Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala
            20   25   30

Gly Tyr Tyr Cys Cys Ser Glu Val Phe Gly Gly
        35   40

<210> 1150
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1150
aagcggccct caggggtttc taatcgcttc tctggccccg agtctggcaa cacggcctcc 60

ctgacaatct ctgggctcca ggctgaggac gaggctgatt attactgctg ctcagaggta 120

ttcggcgga 129

<210> 1151

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1151

Lys Arg Pro Ser Gly Val Ser Asn Arg Phe Ser Gly Pro Glu Ser Gly
1 5 10 15

Asn Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala
20 25 30

Asp Tyr Tyr Cys Cys Ser Glu Val Phe Gly Gly
35 40

<210> 1152
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1152

Cys Ser Tyr Ala Gly Ser Ser Thr Val Phe
1 5 10

<210> 1153
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1153
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacggggc tgattattac tgctgctcat atgcaggtag tagcacggta 120

ttcggcgga 129

<210> 1154
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1154

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Gly Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Thr Val Phe Gly Gly
35 40

<210> 1155
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1155
tttctaatcc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcacggta 120

ttcggcgga 129

<210> 1156
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1156

Phe Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu

1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Thr Val Phe Gly Gly
35 40

<210> 1157
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1157
gtttcttatc gcttctctgg ctccaagtct ggcatcacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcacggta 120

ttcggcgga 129

<210> 1158
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1158

Val Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Thr Val Phe Gly Gly
35 40

<210> 1159

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1159
gtttctattc gcttctctgg ctccaagtct gccaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcacggta 120

ttcggcgga 129

<210> 1160
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1160

Val Ser Ile Arg Phe Ser Gly Ser Lys Ser Ala Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Thr Val Phe Gly Gly
35 40

<210> 1161
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1161
gtttctaatc gcttctctgg ctcgaagtct ggctacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcacggta 120

ttcggcgga 129

<210> 1162
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1162

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Thr Val Phe Gly Gly
35 40

<210> 1163
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1163
gtttctaatc gcttctctgg ctccaagtct ggctacacgg cctccctgac attctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcactgta 120

ttcggcgga 129

<210> 1164
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1164

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu
1 5 10 15

Thr Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20 25 30

Ser Tyr Ala Gly Ser Ser Thr Val Phe Gly Gly
        35 40

<210> 1165
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1165
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcactgta 120

ttcggcgga 129

<210> 1166
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1166

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20 25 30

Ser Tyr Ala Gly Ser Ser Thr Val Phe Gly Gly
        35 40

<210> 1167
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1167
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcacggta 120

ttcggcgga 129

<210> 1168
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1168
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgatatttac tgctgctcat atgcaggtag tagcacggta 120

ttcggcgga 129

<210> 1169
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1169

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Ile Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Thr Val Phe Gly Gly
35 40

<210> 1170
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1170

Cys Ser Phe Ala Gly Gly Gly Thr Trp Gly Phe
1 5 10

<210> 1171
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1171
tcttatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgtgctc 60

caggctgagg acgaggctga ttattattgc tgctcatttg caggtggtgg gacttggggg 120

ttcggcgga 129

<210> 1172
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1172

Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Phe Ala Gly Gly Gly Thr Trp Gly Phe Gly Gly
35 40

<210> 1173
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1173
tctcatcgct tctctggctc caagtctggc aacacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattattgc tgctcatttg caggtggtgg gacttggggg 120

ttcggcgga 129

<210> 1174
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1174

Ser His Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Phe Ala Gly Gly Gly Thr Trp Gly Phe Gly Gly
35 40

<210> 1175
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1175
tctactcgct tctctggctc caaggctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattattgc tgctcatttg caggtggtgg gacttggggg 120

ttcggcgga 129

<210> 1176
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1176

Ser Thr Arg Phe Ser Gly Ser Lys Ala Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Phe Ala Gly Gly Gly Thr Trp Gly Phe Gly Gly
        35   40

<210> 1177
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1177
tctaatcgct tctctggctc catgtctggc aactcggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattattgc tgctcatttg caggtggtgg gacttggggg 120

ttcggcgga 129

<210> 1178

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1178

Ser Asn Arg Phe Ser Gly Ser Met Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Phe Ala Gly Gly Gly Thr Trp Gly Phe Gly Gly
35 40

<210> 1179
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1179
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattattgc tgctcatttg caggtggtgg gacttggggg 120

ttcggcgga 129

<210> 1180
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1180

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Phe Ala Gly Gly Gly Thr Trp Gly Phe Gly Gly
        35   40

<210> 1181
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1181
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga tatttattgc tgctcatttg caggtggtgg gacttggggg 120

ttcggcgga 129

<210> 1182
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1182

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Ile Tyr Cys Cys Ser
            20   25   30

Phe Ala Gly Gly Gly Thr Trp Gly Phe Gly Gly
        35   40

<210> 1183
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1183
gctaatcgct tctctggctt caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattattgc tgctcatttg caggtggtgg gacttggggg 120

ttcggcgga 129

<210> 1184
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1184

Ala Asn Arg Phe Ser Gly Phe Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Phe Ala Gly Gly Gly Thr Trp Gly Phe Gly Gly
35 40

<210> 1185
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1185
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattattgc tgctcatttg caggtggtgg gacttggggg 120

ttcggcgga 129

<210> 1186
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1186

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Phe Ala Gly Gly Gly Thr Trp Gly Phe Gly Gly
        35   40

<210> 1187
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1187

Cys Ser Tyr Ala Gly Ser Ser Thr Pro Asn Trp Val Phe
1   5   10

<210> 1188
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1188
cgcttgtctg gctccatgtc tggcaacacg gcctccctga caatctctgg gctccaggct   60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacgcc taattgggtg   120

ttcggcgga 129

<210> 1189
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1189

Arg Leu Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Pro Asn Trp Val Phe Gly Gly
35 40

<210> 1190
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1190
cgcttctctg gctccatgtc tggctacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacgcc taattgggtg 120

ttcggcgga 129

<210> 1191
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1191

Arg Phe Ser Gly Ser Met Ser Gly Tyr Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Pro Asn Trp Val Phe Gly Gly
35 40

<210> 1192
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1192
cgcttctctg gctccaagtc tggcatctcg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacgcc taattgggtg 120

ttcggcgga 129

<210> 1193
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1193

Arg Phe Ser Gly Ser Lys Ser Gly Ile Ser Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Pro Asn Trp Val Phe Gly Gly
35 40

<210> 1194
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1194
cgcttctctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacgcc taattgggtg 120

ttcggcgga 129

<210> 1195
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1195

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Pro Asn Trp Val Phe Gly Gly
35 40

<210> 1196
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1196
cgcttctctg gctccaagtc tggcaacacg gcctccctga caatctctcg gctccaggct 60

gatgacgagg ctgattatta ctgctgctca tatgcaggta gtagcacgcc taattgggtg 120

ttcggcgga 129

<210> 1197
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1197

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Arg Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Pro Asn Trp Val Phe Gly Gly
35 40

<210> 1198
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1198
cgcttctctg gctccaagtc tggcaacacg gcctccctga caacctctgg gctccaggct 60

aaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacgcc taattgggtg 120

ttcggcgga 129

<210> 1199
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1199

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Thr Ser
1 5 10 15

Gly Leu Gln Ala Lys Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Pro Asn Trp Val Phe Gly Gly
35 40

<210> 1200
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1200
cgctgctctg gctccaaggc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacgcc taattgggtg 120

ttcggcgga 129

<210> 1201
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1201

Arg Cys Ser Gly Ser Lys Ala Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Pro Asn Trp Val Phe Gly Gly

35 40

<210> 1202
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1202
cgcttctctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctccgggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacgcc taattgggtg 120

ttcggcgga 129

<210> 1203
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1203

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Arg Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Pro Asn Trp Val Phe Gly Gly
35 40

<210> 1204
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1204

Cys Ser Tyr Ala Gly Ser Gly Ile Phe Tyr Val Phe
1 5 10

<210> 1205
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1205
attcgcttct ctggctccaa gtctggcatc tcggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtggaat ttttttatgtc 120

ttcggaact 129

<210> 1206
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1206

Ile Arg Phe Ser Gly Ser Lys Ser Gly Ile Ser Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20 25 30

Ala Gly Ser Gly Ile Phe Tyr Val Phe Gly Thr
        35 40

<210> 1207
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1207
actcgcttct ctggctccaa gtctggcaac acggcctccc tgactatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtggaat tttttatgtc 120

ttcggaact 129

<210> 1208
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1208

Thr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Gly Ile Phe Tyr Val Phe Gly Thr
35 40

<210> 1209
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1209
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtggaat tttttatgtc 120

ttcggaact 129

<210> 1210
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1210

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Gly Ile Phe Tyr Val Phe Gly Thr
35 40

<210> 1211
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1211
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtggaat tttttacgtc 120

tttggaact 129

<210> 1212
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1212
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggccccag 60

gctgaggacg aggccgatta ttactgctgc tcatatgcag gtagtggaat tttttatgtc 120

ttcggaact 129

<210> 1213
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1213

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Pro Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Gly Ile Phe Tyr Val Phe Gly Thr
35 40

<210> 1214
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1214
aatcgcttct ctggctccaa gtctagcaac acggcctccc tgacaatccc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtggaat tttttatgtc 120

ttcggaact 129

<210> 1215
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1215

Asn Arg Phe Ser Gly Ser Lys Ser Ser Asn Thr Ala Ser Leu Thr Ile

1 5 10 15

Pro Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Gly Ile Phe Tyr Val Phe Gly Thr
35 40

<210> 1216
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1216
aatcgcttct ctggctccaa gtcaggcaac acggcctccc tgactatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtggaat tttttatgtc 120

ttcggaact 129

<210> 1217
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1217
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtggaat tttttatgtc 120

ttcggaact 129

<210> 1218
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1218

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Gly Ile Phe Tyr Val Phe Gly Thr
35 40

<210> 1219
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1219

Cys Ser Tyr Ala Gly Ser His Ser Tyr Val Phe
1 5 10

<210> 1220
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1220
ccctatcgct tctctggctc caagtctggc gacacggcct ccctgaccat ctctgggctc 60

cagcctgacg atgaggctga ctatcactgc tgctcatatg caggcagcca tagttatgtt 120

ttcggatct 129

<210> 1221
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1221

Pro Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asp Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Pro Asp Asp Glu Ala Asp Tyr His Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser His Ser Tyr Val Phe Gly Ser
        35   40

<210> 1222
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1222
ctaatccgct tctctggctc caagtctggc gacacggcct ccctgaccat ctctgggctc   60

cagcctgacg atgaggctga ctatcactgc tgctcatatg caggcagcca tagttatgtt   120

ttcggatct   129

<210> 1223
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1223

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asp Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Pro Asp Asp Glu Ala Asp Tyr His Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser His Ser Tyr Val Phe Gly Ser
35 40

<210> 1224
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1224
cgtaatcgct tctctggctc caagtctggc gacacggcct ccctgaccat ctctgggctc 60

cagcccgacg atgaggctga ctatcactgc tgctcatatg caggcagcca tagttatgtt 120

ttcggatct 129

<210> 1225
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1225

Arg Asn Arg Phe Ser Gly Ser Lys Ser Gly Asp Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Pro Asp Asp Glu Ala Asp Tyr His Cys Cys Ser
20 25 30

Tyr Ala Gly Ser His Ser Tyr Val Phe Gly Ser
35 40

<210> 1226
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1226
cctaatcgct tctctggctc gatgtctggc gacacggcct ccctgaccat ctctgggctc 60

cagcctgacg atgaggctga ctatcactgc tgctcatatg caggcagcca tagttatgtt 120

ttcggatct 129

<210> 1227
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1227

Pro Asn Arg Phe Ser Gly Ser Met Ser Gly Asp Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Pro Asp Asp Glu Ala Asp Tyr His Cys Cys Ser
20 25 30

Tyr Ala Gly Ser His Ser Tyr Val Phe Gly Ser
35 40

<210> 1228
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1228
cctaatcgct tctctggctc catgtctggc gacacggcct ccctgaccat ctctgggctc 60

cagcctgacg atgaggctaa ctatcactgc tgctcatatg caggcagcca tagttatgtt 120

ttcggatct 129

<210> 1229
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1229

Pro Asn Arg Phe Ser Gly Ser Met Ser Gly Asp Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Pro Asp Asp Glu Ala Asn Tyr His Cys Cys Ser
20 25 30

Tyr Ala Gly Ser His Ser Tyr Val Phe Gly Ser
35 40

<210> 1230
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1230
cctaatcgct tctctggctc caagtctggc gtcacggcct ccctgaccat ctctgggctc 60

ctgcctgacg atgaggctga ctatcactgc tgctcatatg caggcagcca tagttatgtt 120

ttcggatct 129

<210> 1231
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1231

Pro Asn Arg Phe Ser Gly Ser Lys Ser Gly Val Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Leu Pro Asp Asp Glu Ala Asp Tyr His Cys Cys Ser

20 25 30

Tyr Ala Gly Ser His Ser Tyr Val Phe Gly Ser
35 40

<210> 1232
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1232
cctaatcgct tctctggctc caagtctggc gacacggcct ccctgaccat ctctgggctc 60

cagcctgacg atgaggctga ctatcactgc tgctcatatg caggcagcca tagttatgtt 120

ttcggatct 129

<210> 1233
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1233

Pro Asn Arg Phe Ser Gly Ser Lys Ser Gly Asp Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Pro Asp Asp Glu Ala Asp Tyr His Cys Cys Ser
20 25 30

Tyr Ala Gly Ser His Ser Tyr Val Phe Gly Ser
35 40

<210> 1234
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1234
cctaatcgct tctctggctc caagtctggc gacactgcct ccctgaccat ctctgggctc 60

cagcctgacg atgaggctga ctatcactgc tgctcatatg caggcagcca tagttatgtt 120

ttcggatct 129

<210> 1235
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1235

Cys Ser Tyr Thr Ser Ser Ala Thr Trp Val Phe
1 5 10

<210> 1236
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1236
cctggtcgtc tctctggttc caagtctggc aacacggcct ccatgaccat ctctggactc 60

caggctgagg acgaggctga ttattactgc tgctcatata caagcagtgc cacttgggtg 120

ttcggcgga 129

<210> 1237
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1237

Pro Gly Arg Leu Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Met Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Thr Ser Ser Ala Thr Trp Val Phe Gly Gly
        35   40

<210> 1238
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1238
cctgatcgtc tctctggttt cgagtctggc aatacggcct ccatgaccat ctctggactc 60

caggctgagg acgaggctga ttattactgc tgctcatata caagcagtgc cacttgggtg 120

ttcggcgga 129

<210> 1239
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1239

Pro Asp Arg Leu Ser Gly Phe Glu Ser Gly Asn Thr Ala Ser Met Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Thr Ser Ser Ala Thr Trp Val Phe Gly Gly
        35   40

<210> 1240
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1240
cctgatcgtc tctctggttc gaagtctggc aatactgcct ccatgaccat ctctggactc 60

caggctgagg acgaggctga ttattactgc tgctcatata caagcagtgc cacttgggtg 120

ttcggcgga 129

<210> 1241
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1241

Pro Asp Arg Leu Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Met Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Thr Ser Ser Ala Thr Trp Val Phe Gly Gly
35 40

<210> 1242
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1242
cctgatcgtc tctctggttc caagtctggc attacggcct ccatgaccat ctctggactc 60

cagtctgagg acgaggctga ttattactgc tgctcatata caagcagtgc cacttgggtg 120

ttcggcgga 129

<210> 1243
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1243

Pro Asp Arg Leu Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Met Thr
1 5 10 15

Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Thr Ser Ser Ala Thr Trp Val Phe Gly Gly
35 40

<210> 1244
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1244
cctgatcgtc tctctggttc caagtctggc aatacggcct ccatgaccat ctctggactc 60

caggctgagg acgaggctga ttattactgc tgctcatata caagcagtgc cacttgggtg 120

ttcggcgga 129

<210> 1245
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1245
cctgatcgtc tctctggttc caagtctggc aatacggact ccatgaccat ctctggactc 60

caggctgatg acgaggctga ttattactgc tgctcatata caagcagtgc cacttgggtg 120

ttcggcgga 129

<210> 1246
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1246

Pro Asp Arg Leu Ser Gly Ser Lys Ser Gly Asn Thr Asp Ser Met Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Thr Ser Ser Ala Thr Trp Val Phe Gly Gly
35 40

<210> 1247
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1247
cctgatcgtc tctctggttc caagtccggc aatacggcct ccatgaccat ctctggaccc 60

caggctgagg acgaggctga ttattactgc tgctcatata caagcagtgc cacttgggtg 120

ttcggcgga 129

<210> 1248
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1248

Pro Asp Arg Leu Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Met Thr
1 5 10 15

Ile Ser Gly Pro Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Thr Ser Ser Ala Thr Trp Val Phe Gly Gly
35 40

<210> 1249
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1249
cctgatcgtc tctctggttc caagtctggc attacggcct ccatgaccat ctctggactc 60

caggctgagg acgaggctga ttattactgc tgctcatata caagcagtgc cacttgggtg 120

ttcggcgga 129

<210> 1250
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1250

Pro Asp Arg Leu Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Met Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Thr Ser Ser Ala Thr Trp Val Phe Gly Gly
35 40

<210> 1251
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1251

Cys Ser Tyr Ala Gly Gly Ser Thr Val Val Phe
1 5 10

<210> 1252
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1252
tctattcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg tcgaggctga ttattactgc tgctcatatg caggtggaag cactgtggta 120

ttcggcgga 129

<210> 1253
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1253

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Val Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Gly Ser Thr Val Val Phe Gly Gly
        35   40

<210> 1254
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1254
tctaatcgct tctctggctc caagtctggg agctcggcct ccctgacagt ctctgggctc 60

caggctgagg acgagggtga ctattactgc tgctcatatg caggtggtag tactgtggtg 120

ttcggcgga 129

<210> 1255
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1255

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ser Ser Ala Ser Leu Thr
1   5   10   15

Val Ser Gly Leu Gln Ala Glu Asp Glu Gly Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Gly Ser Thr Val Val Phe Gly Gly
        35   40

<210> 1256
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1256
tctaatcgct tctctggctc caagtctggc agctcggcct cgctgacagt ctctgggctc 60

caggctgagg acgagggtga ctattactgc tgctcatatg caggtggtag tactgtggtg 120

ttcggcgga 129

<210> 1257
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1257
tctaatcgct tctctggctc caagtctggc agcacggcct ccctgacagt ctctgtgctc 60

caggctgagg acgagggtga ctatttctgc tgctcatatg caggtggtag tactgtggtg 120

ttcggcgga 129

<210> 1258
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1258

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ser Thr Ala Ser Leu Thr
1 5 10 15

Val Ser Val Leu Gln Ala Glu Asp Glu Gly Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Ala Gly Gly Ser Thr Val Val Phe Gly Gly
35 40

<210> 1259
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1259
tctaatcgct tctctggctc caagtctggc agcacggcct ccctgacagt ctctgggctc 60

caggctgagg acgagggtga ctattactgc tgctcatatg caggtggtag tactgtggtg 120

ttcggcgga 129

<210> 1260
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1260

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ser Thr Ala Ser Leu Thr
1 5 10 15

Val Ser Gly Leu Gln Ala Glu Asp Glu Gly Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Gly Ser Thr Val Val Phe Gly Gly
35 40

<210> 1261
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1261
tctaatcgct tctctggctc caagtctggc agcacggcct ccctgacagc ctcttggctc 60

caggctgagg acgagggtga ctattactgc tgctcatatg caggtggtag tactgtggtg 120

ttcggcgga 129

<210> 1262
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1262

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ser Thr Ala Ser Leu Thr
1 5 10 15

Ala Ser Trp Leu Gln Ala Glu Asp Glu Gly Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Gly Ser Thr Val Val Phe Gly Gly
35 40

<210> 1263
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1263
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtggtag cactgtggta 120

ttcggcgaa 129

<210> 1264
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1264

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Gly Ser Thr Val Val Phe Gly Glu
35 40

<210> 1265
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1265
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtggaag cactgtggta 120

ttcggcgga 129

<210> 1266
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1266

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Gly Ser Thr Val Val Phe Gly Gly

35 40

<210> 1267
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1267

Cys Ser Tyr Ala Gly Ser Ser Ser Val Val Phe
1 5 10

<210> 1268
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1268
tctaatcgct tctcttgctc caagtctggc aacacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctctgtggta 120

ttcggcgga 129

<210> 1269
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1269

Ser Asn Arg Phe Ser Cys Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ser Val Val Phe Gly Gly
35 40

<210> 1270
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1270
tctaatcgct tctctggctc caagtctggc tacacgggct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctctgtggta 120

ttcggcgga 129

<210> 1271
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1271

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Gly Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ser Val Val Phe Gly Gly
35 40

<210> 1272
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1272
tctaatcgct tctctggctc caagtctggc aacacgtcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctctgttgta 120

ttcggcgga 129

<210> 1273
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1273

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ser Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ser Val Val Phe Gly Gly
35 40

<210> 1274
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1274
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctctgtggta 120

ttcggcgga 129

<210> 1275
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1275

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ser Val Val Phe Gly Gly
35 40

<210> 1276
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1276
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cagtgtggta 120

ttcggcggt 129

<210> 1277
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1277
tctaatcgct tctctggctc caagcctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatacg caggtagtag ctctgtggta 120

ttcggcgga 129

<210> 1278
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1278

Ser Asn Arg Phe Ser Gly Ser Lys Pro Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ser Val Val Phe Gly Gly
35 40

<210> 1279
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1279
cttatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctctgtggta 120

ttcggcgga 129

<210> 1280
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1280

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr

1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ser Val Val Phe Gly Gly
35 40

<210> 1281
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1281
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctctgtggta 120

ttcggcgga 129

<210> 1282
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1282

Cys Ser Tyr Ala Gly Ser Arg Arg Val Phe
1 5 10

<210> 1283
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1283

tttctaatcc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagaagggtc 120

ttcggaact 129

<210> 1284
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1284

Phe Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Arg Arg Val Phe Gly Thr
35 40

<210> 1285
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1285
gtttctaatg gcttctctgg ctcgaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagaagggtc 120

ttcggaact 129

<210> 1286
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1286

Val Ser Asn Gly Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Ser Arg Arg Val Phe Gly Thr
        35   40

<210> 1287
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1287
gtttctaatc gcttctctgg ctccaagtct ggctactcgg cctccctgac aatctctggg   60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagaagggtc   120

ttcggaact   129

<210> 1288
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1288

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Ser Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Ser Arg Arg Val Phe Gly Thr
35 40

<210> 1289
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1289
gtttctaatc gcttctctgg ctccaagtct ggcaactcgg cctccctgtc aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagaagggtc 120

ttcggaact 129

<210> 1290
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1290

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu
1 5 10 15

Ser Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Arg Arg Val Phe Gly Thr
35 40

<210> 1291
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1291
gtttctaatc gcttctctgg ctccaagtct ggcaacactg cctacctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagaagggtc 120

ttcggaact 129

<210> 1292
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1292

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Tyr Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Arg Arg Val Phe Gly Thr
35 40

<210> 1293
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1293
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagaagggtc 120

ttcggaact 129

<210> 1294
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1294

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Arg Arg Val Phe Gly Thr
35 40

<210> 1295
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1295
gtttataatc gcttctctgg ctccaagtct gtcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagaagggtc 120

ttcggaact 129

<210> 1296
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1296

Val Tyr Asn Arg Phe Ser Gly Ser Lys Ser Val Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys

20 25 30

Ser Tyr Ala Gly Ser Arg Arg Val Phe Gly Thr
35 40

<210> 1297
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1297
gcttctaata gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagaagggtc 120

ttcggaact 129

<210> 1298
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1298

Ala Ser Asn Ser Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Arg Arg Val Phe Gly Thr
35 40

<210> 1299
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1299
tctgatggct tctctggctc caagtctggc aactcggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcgtatg caggtagttc cactttggtg 120

ttcggcgga 129

<210> 1300
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1300

Ser Asp Gly Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 1301
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1301
tctgatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcgtatg caggtagttc cactttggtg 120

ttcggcgga 129

<210> 1302

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1302

Ser Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 1303
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1303
tctaatcgct tctctggctc caagtctggc tacacggcct cgctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggtg 120

ttcggcgga 129

<210> 1304
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1304

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 1305
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1305
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgactat ctctgggctc 60

cagtctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggtg 120

ttcggcgga 129

<210> 1306
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1306
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggtg 120

ttcggcgga 129

<210> 1307
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1307

tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctccgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagcag cactttggtg 120

ttcggcgga 129

<210> 1308
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1308
ctgatccgct tctctggctc caagtctggc aacacggcct ccctggcaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcgtatg caggtagttc cactttggtg 120

ttcggcgga 129

<210> 1309
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1309

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ala
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 1310
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1310
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggtg 120

ttcggcgga 129

<210> 1311
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1311

Cys Ser Tyr Ala Gly Ser Ser Thr Leu Leu Phe
1 5 10

<210> 1312
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1312
tctaatcgct tctctggctc ccactctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttatttctgc tgctcatatg caggtagtag cactttgcta 120

ttcggcgga 129

<210> 1313
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1313

Ser Asn Arg Phe Ser Gly Ser His Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Leu Phe Gly Gly
        35   40

<210> 1314
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1314
tctaatcgct tctctggctc caagtctggc aagactgcct ccctgacaat ctctgggctc   60

caggctgagg acgaggctga ttatttctgc tgctcatatg caggtagtag cactttgcta   120

ttcggcgga   129

<210> 1315
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1315

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Leu Phe Gly Gly
        35   40

<210> 1316
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1316
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttatttctgc tgctcatatg caggtagtag cactttgcta 120

ttcggcgga 129

<210> 1317
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1317

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Leu Phe Gly Gly
35 40

<210> 1318
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1318
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttatttctgc tgctcatacg caggtagtag cactttgcta 120

ttcgccgga 129

<210> 1319
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1319

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Leu Phe Ala Gly
35 40

<210> 1320
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1320
tctaatcgca tctctggctc gaagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttatttctgc tgctcatatg caggtagtag cactttgcta 120

ttcggcgga 129

<210> 1321
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1321

Ser Asn Arg Ile Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Leu Phe Gly Gly
35 40

<210> 1322
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1322
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttatttctgc tgctcatatg caggtagtag cactttgcta 120

ttcggcgga 129

<210> 1323
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1323

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Leu Phe Gly Gly

35 40

<210> 1324
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1324
ctaatacgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttatttctgc tgctcatatg caggtagtag cactttgcta 120

ttcggcgga 129

<210> 1325
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1325
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttatttctgc tgctcatatg caggtagcag cactttgcta 120

ttcggcgga 129

<210> 1326
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1326

Cys Ser Tyr Ala Gly Thr Tyr Ser Val Val Phe
1 5 10

<210> 1327

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1327
cctggtcggt tttctggctc caagtctggc aacacggcct ccctgaccat ctctggactc 60

cagcctgagg atgaacctga ttattactgc tgctcatatg caggcactta cagtgttgta 120

ttcggcgga 129

<210> 1328
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1328

Pro Gly Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

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

Tyr Ala Gly Thr Tyr Ser Val Val Phe Gly Gly
35 40

<210> 1329
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1329
cctgatcggt tttctggctc caagtctggc atcacggcct ccctgaccat gtctggactc 60

cagcctgagg atgaatctga ttattactgc tgctcatatg caggcactta cagtgttgta 120

ttcggcgga 129

<210> 1330
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1330

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

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

Tyr Ala Gly Thr Tyr Ser Val Val Phe Gly Gly
35 40

<210> 1331
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1331
cctgatcggt tttctggctc caagtctggc aacacggcct ccctgaccat ctctggactc 60

cagcctgagg atgaatctga ttattactgc tgctcatatg caggcactta cagtgttgta 120

ttcggcgga 129

<210> 1332
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1332

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

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

Tyr Ala Gly Thr Tyr Ser Val Val Phe Gly Gly
        35   40

<210> 1333
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1333
cctgatcggt tttctggctc caaggctcgc aacacggcct ccctgaccat ctctggactc 60

cagcctgagg atgaatctga ttattactgc tgctcatatg caggcactta cagtgttgta 120

ttcggcgga 129

<210> 1334
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1334

Pro Asp Arg Phe Ser Gly Ser Lys Ala Arg Asn Thr Ala Ser Leu Thr
1   5   10   15

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

Tyr Ala Gly Thr Tyr Ser Val Val Phe Gly Gly
        35   40

<210> 1335
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1335
cctgatcggt tctctggctc caagtctggc aacacggcct ccctgaccat ctctggactc 60

cagcccgagg atgaatctga ttattactgc tgctcatatg caggcactta cagtgttgta 120

ttcggcgga 129

<210> 1336
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1336
cctgatcggt gttctggctc caagtctggc aacacggcct cccagaccat ctctggactc 60

cagcctgagg atgaatctga ttattactgc tgctcatatg caggcactta cagtgttgta 120

ttcggcgga 129

<210> 1337
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1337

Pro Asp Arg Cys Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Gln Thr
1 5 10 15

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

Tyr Ala Gly Thr Tyr Ser Val Val Phe Gly Gly
35 40

<210> 1338
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1338
cctgatcggc tttctggctc caagtctggc aacgcggcct ccctgaccat ctctggactc 60

cagcctgagg atgaatctga ttattactgc tgctcatatg caggcactta cagtgttgta 120

ttcggcgga 129

<210> 1339
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1339

Pro Asp Arg Leu Ser Gly Ser Lys Ser Gly Asn Ala Ala Ser Leu Thr
1 5 10 15

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

Tyr Ala Gly Thr Tyr Ser Val Val Phe Gly Gly
35 40

<210> 1340
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1340

Cys Ser Tyr Ala Gly Ser Tyr Thr Phe Ala Leu Phe
1 5 10

<210> 1341
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1341
tttcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgcgctc 120

ttcggaact 129

<210> 1342
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1342

Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Ala Leu Phe Gly Thr
35 40

<210> 1343
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1343
gttcgcctct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgcgctc 120

ttcggaact 129

<210> 1344
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1344

Val Arg Leu Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Phe Ala Leu Phe Gly Thr
        35   40

<210> 1345
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1345
gatcgcttct ctggctccat gtctggcaac acggcctccc tgaccatctc tgggctcctg 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgcgctc 120

ttcggaact 129

<210> 1346

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1346

Asp Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Ala Leu Phe Gly Thr
35 40

<210> 1347
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1347
gatcgcttct ctggctccaa gtctggcaac tcggcctccc tgaccatctc tgggctccag 60

gctgatgatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgcgctc 120

ttcggaact 129

<210> 1348
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1348

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Phe Ala Leu Phe Gly Thr
        35   40

<210> 1349
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1349
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag   60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgcgctc   120

ttcggaact   129

<210> 1350
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1350

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Phe Ala Leu Phe Gly Thr
        35   40

<210> 1351
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1351
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgcgctc 120

ttcggaact 129

<210> 1352
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1352

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Ala Leu Phe Gly Thr
35 40

<210> 1353
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1353
atacgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgcgctc 120

ttcggaact 129

<210> 1354
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1354

Cys Ser Tyr Ala Gly Ser Ser Thr Pro Tyr Val Val Phe
1 5 10

<210> 1355
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1355
tgcctctctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcactcc ctatgtggta 120

ttcggcgga 129

<210> 1356
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1356

Cys Leu Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Pro Tyr Val Val Phe Gly Gly

35 40

<210> 1357
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1357
cgcttctctg gctccatgtc tggcaactcg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcactcc ctatgtggta 120

ttcggcgga 129

<210> 1358
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1358

Arg Phe Ser Gly Ser Met Ser Gly Asn Ser Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Pro Tyr Val Val Phe Gly Gly
35 40

<210> 1359
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1359

cgcttctctg gctccaagtc tggctactcg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcactcc ctatgtggta 120

ttcggcgga 129

<210> 1360
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1360

Arg Phe Ser Gly Ser Lys Ser Gly Tyr Ser Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Pro Tyr Val Val Phe Gly Gly
35 40

<210> 1361
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1361
cgcttctctg gctccaagtc tggcatcacg gcctccctga cactctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcactcc ctatgtggta 120

ttcggcgga 129

<210> 1362
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1362

Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr Leu Ser
1   5   10   15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
            20   25   30

Gly Ser Ser Thr Pro Tyr Val Val Phe Gly Gly
        35   40

<210> 1363
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1363
cgcttctctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct   60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcactcc ctatgtggta   120

ttcggcgga   129

<210> 1364
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1364

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1   5   10   15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
            20   25   30

Gly Ser Ser Thr Pro Tyr Val Val Phe Gly Gly
35 40

<210> 1365
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1365
agcttctctt gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcactcc ctatgtggta 120

ttcggcgga 129

<210> 1366
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1366

Ser Phe Ser Cys Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Pro Tyr Val Val Phe Gly Gly
35 40

<210> 1367
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1367
agcttctctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcgggta gtagcactcc ctatgtggta 120

ttcggcgga 129

<210> 1368
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1368

Ser Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Pro Tyr Val Val Phe Gly Gly
35 40

<210> 1369
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1369

Cys Ser Tyr Ala Gly Ser Tyr Thr Leu Gly Val Phe
1 5 10

<210> 1370
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1370
gatcgcttct ctggctccaa gtcttgcaac acggcctccc tgtccatctc tggcctccat 60

gctgaggatg aggctaatta ttactgctgc tcatatgcag gcagctacac tttgggggta 120

ttcggcgga 129

<210> 1371
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1371

Asp Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu Ser Ile
1   5   10   15

Ser Gly Leu His Ala Glu Asp Glu Ala Asn Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Leu Gly Val Phe Gly Gly
        35   40

<210> 1372
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1372
gatcgcttct ctggctccaa gtctggctac acggcctccc tgacgatctc tggcctccag 60

gctgaggatg aggctaatta ttactgctgc tcatatgcag gcagctacac tttgggggta 120

ttcggcgga 129

<210> 1373

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1373

Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asn Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Gly Val Phe Gly Gly
35 40

<210> 1374
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1374
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tggcctccag 60

gctgaggatg aggctaatta ttactgctgc tcatatgcag gcagctacac tttgggggta 120

ttcggcgga 129

<210> 1375
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1375

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asn Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Leu Gly Val Phe Gly Gly
        35   40

<210> 1376
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1376
gatcgcttct ctggctccaa ggctggcaac acggcctccc tgaccatctc tggcctccag 60

gctgaggatg aggctaatta ttactgctgc tcatatgcag gcagctacac tttggggta 120

ttcggcgggg 129

<210> 1377
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1377

Asp Arg Phe Ser Gly Ser Lys Ala Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asn Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Leu Gly Val Phe Gly Gly
        35   40

<210> 1378
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1378
gttcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tggcctccag 60

gctgaggatg aggctaatta ttactgctgc tcatatgcag gcagctacac tttggggta 120

ttcggcgga 129

<210> 1379
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1379

Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asn Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Leu Gly Val Phe Gly Gly
        35   40

<210> 1380
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1380
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tggcctccag 60

gctgaggatg aggctaatta ttactgctgc tcatatgcag gcagctacac tttggggta 120

ttcggcgga 129

<210> 1381
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1381

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asn Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Gly Val Phe Gly Gly
35 40

<210> 1382
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1382
atacgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tggcctccag 60

gctgaggatg aggctaatta ttactgctgc tcatatgcag gcagctacac tttgggggta 120

ttcggcgga 129

<210> 1383
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1383

Cys Ser Tyr Ala Gly Ser Tyr Arg Tyr Val Phe

1 5 10

<210> 1384
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1384
ctgatccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ccgttatgtc 120

ttcggaact 129

<210> 1385
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1385

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Arg Tyr Val Phe Gly Thr
35 40

<210> 1386
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1386

ctgatacgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ccgttatgtc 120

ttcggaact 129

<210> 1387
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1387
cctgatcgct tctctggctc caagtctggg aactcggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ccgttatgtc 120

ttcggaact 129

<210> 1388
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1388

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Arg Tyr Val Phe Gly Thr
35 40

<210> 1389
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1389
cctgatcgct tctctggctc caagtctggc tacacggcct acctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ccgttatgtc 120

ttcggaact 129

<210> 1390
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1390

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Tyr Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Arg Tyr Val Phe Gly Thr
        35   40

<210> 1391
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1391
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atggggctga ttattactgc tgctcatatg caggcagcta ccgctatgtc 120

ttcggaact 129

<210> 1392

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1392

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Gly Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Arg Tyr Val Phe Gly Thr
35 40

<210> 1393
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1393
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ccgttatgtc 120

ttcggaact 129

<210> 1394
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1394

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Arg Tyr Val Phe Gly Thr
        35   40

<210> 1395
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1395
cctgatcgat tctctggctc caagtctggc aactcggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ccgttatgtc 120

ttcggaact 129

<210> 1396
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1396

Cys Ser Tyr Ala Gly Ser Tyr Thr Ser Phe Val Phe
1   5   10

<210> 1397
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1397
gatcgcttct ctggctccaa gtctggctac acggcctccc tgaccatctc tgtgctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ttcctttgtc 120

ttcggaact 129

<210> 1398
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1398

Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Ser Phe Val Phe Gly Thr
35 40

<210> 1399
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1399
gatcgcttct ctggctccaa gtctggcatc tcggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ttcctttgtc 120

ttcggaact 129

<210> 1400
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1400

Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Ser Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Ser Phe Val Phe Gly Thr
35 40

<210> 1401
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1401
gatcgcttct ctggctccaa gtctggcaac actgactccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ttcctttgtc 120

ttcggaact 129

<210> 1402
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1402

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Asp Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Ser Phe Val Phe Gly Thr

35 40

<210> 1403
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1403
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgctta ttactgctgc tcatatgcgg gcagctacac ttcctttgtc 120

ttcggaact 129

<210> 1404
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1404

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Ala Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Ser Phe Val Phe Gly Thr
35 40

<210> 1405
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1405

gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ttcctttgtc 120

ttcggaact 129

<210> 1406
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1406

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Ser Phe Val Phe Gly Thr
35 40

<210> 1407
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1407
tttcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ttcctttgtc 120

ttcggaact 129

<210> 1408
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1408

Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Ser Phe Val Phe Gly Thr
        35   40

<210> 1409
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1409
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag   60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ttcctttgtc   120

ttcggaact   129

<210> 1410
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1410

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Ser Phe Val Phe Gly Thr
35 40

<210> 1411
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1411

Cys Ser Tyr Ala Gly Ser Tyr Pro Trp Val Phe
1 5 10

<210> 1412
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1412
cctgttcgct tctctggctg caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cccttgggtg 120

ttcggcgga 129

<210> 1413
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1413

Pro Val Arg Phe Ser Gly Cys Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Tyr Pro Trp Val Phe Gly Gly
35 40

<210> 1414
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1414
cctgttcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

cagtctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cccttgggtg 120

ttcggcgga 129

<210> 1415
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1415

Pro Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Pro Trp Val Phe Gly Gly
35 40

<210> 1416
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1416
cctgatcgct tctctggctc caggtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atggggctga ttattactgc tgctcatacg caggcagcta cccttgggtg 120

ttcggcgga 129

<210> 1417
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1417

Pro Asp Arg Phe Ser Gly Ser Arg Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Gly Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Pro Trp Val Phe Gly Gly
        35   40

<210> 1418
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1418
cctgatcgct tctctggctc caagtctggc aactcggcct cgctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cccttgggtg 120

ttcggcgga 129

<210> 1419

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1419

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Pro Trp Val Phe Gly Gly
35 40

<210> 1420
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1420
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cccttgggtg 120

ttcggcgga 129

<210> 1421
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1421

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Pro Trp Val Phe Gly Gly
        35   40

<210> 1422
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1422
ccgtttcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cccttgggtg 120

ttcggcgga 129

<210> 1423
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1423

Pro Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Pro Trp Val Phe Gly Gly
        35   40

<210> 1424
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1424
cctgatcgct tctctggctc caagtctggc tacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cccttgggtg 120

ttcggcgga 129

<210> 1425
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1425

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Pro Trp Val Phe Gly Gly
        35   40

<210> 1426
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1426

Cys Ser Tyr Ala Gly Ser Tyr Gly Val Val Phe
1   5   10

<210> 1427

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1427
ctgttccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cggggtggta 120

ttcggcgga 129

<210> 1428
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1428

Leu Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Gly Val Val Phe Gly Gly
35 40

<210> 1429
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1429
ctgatccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cggggtggta 120

ttcggcgga 129

<210> 1430
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1430

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Gly Val Val Phe Gly Gly
35 40

<210> 1431
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1431
cctgatcgct tctctggctc caagtctggc aagacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg cgggcagcta cggggtggta 120

ttcggcgga 129

<210> 1432
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1432

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Gly Val Val Phe Gly Gly
        35   40

<210> 1433
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1433
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggttc 60

caggctgagg atgaggctga ttattaccgc tgctcatatg caggcagcta cggggtggta 120

ttcggcgga 129

<210> 1434
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1434

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Phe Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Arg Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Gly Val Val Phe Gly Gly
        35   40

<210> 1435
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1435
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgatg atgaggctga ttattactgc tgctcatatg caggcagcta cggggtggtt 120

ttcggcgga 129

<210> 1436
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1436

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Gly Val Val Phe Gly Gly
35 40

<210> 1437
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1437
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cggggtggta 120

ttcggcgga 129

<210> 1438
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1438

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Gly Val Val Phe Gly Gly
35 40

<210> 1439
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1439
cctgatcgct tctctggctc caagtctggc aacactgcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cggggtggta 120

ttcggcgga 129

<210> 1440
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1440

Cys Ser Tyr Ala Gly Ser Arg Val Phe
1 5

<210> 1441
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1441
gggtttctaa tccgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagtagggtg 120

ttcggcgga 129

<210> 1442
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1442

Gly Phe Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Arg Val Phe Gly Gly
35 40

<210> 1443
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1443
aggggtttct atcgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagtagggtg 120

ttcggcgga 129

<210> 1444
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1444

Arg Gly Phe Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1   5   10   15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
            20   25   30

Cys Ser Tyr Ala Gly Ser Arg Val Phe Gly Gly
        35   40

<210> 1445
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1445
gtggtttcta atcgcttctc tggctccaag tcttgcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagtagggtg 120

ttcggcgga 129

<210> 1446

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1446

Val Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Arg Val Phe Gly Gly
35 40

<210> 1447
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1447
ggggtttcta ttcgcttctc tggctccaag tctggcaaca cggcctccct gactatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagtagggtg 120

ttcggcgga 129

<210> 1448
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1448

Gly Val Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
            20   25   30

Cys Ser Tyr Ala Gly Ser Arg Val Phe Gly Gly
        35   40

<210> 1449
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1449
ggggtttcta atcgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagtagggtg 120

ttcggcgga 129

<210> 1450
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1450

Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1   5   10   15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
            20   25   30

Cys Ser Tyr Ala Gly Ser Arg Val Phe Gly Gly
        35   40

<210> 1451
<211> 12
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1451

Cys Ser Tyr Ala Gly Ser Ser Thr Leu Tyr Val Phe
1 5 10

<210> 1452
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1452
aatcgcttct ctggctccaa gtctggcatc acggcctcgc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tctttatgtc 120

ttcggaact 129

<210> 1453
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1453

Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Leu Tyr Val Phe Gly Thr
35 40

<210> 1454

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1454
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tctttatgtc 120

ttcggaact 129

<210> 1455
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1455

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Leu Tyr Val Phe Gly Thr
35 40

<210> 1456
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1456
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatacgcag gtagtagcac tttgtatgtc 120

ttcggaact 129

<210> 1457
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1457
aatcgcttct ccggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tctttatgtc 120

ttcggaact 129

<210> 1458
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1458
aatcgcctct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac cctttatgtc 120

ttcggaact 129

<210> 1459
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1459

Asn Arg Leu Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr

20 25 30

Ala Gly Ser Ser Thr Leu Tyr Val Phe Gly Thr
35 40

<210> 1460
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1460
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tctttatgtc 120

ttcggaact 129

<210> 1461
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1461

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Leu Tyr Val Phe Gly Thr
35 40

<210> 1462
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1462

Cys Ser Tyr Gly Gly Thr Tyr Thr Val Phe
1   5   10

<210> 1463
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1463
tccctgatcc gcttctctgg ctccaagtct ggcaacacgg cctccctgac catctctggg   60

ctccaggctg aggatgaggc tgattattac tgctgctcat atggaggcac ctacacagtg   120

ttcggcgaa   129

<210> 1464
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1464

Ser Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Gly Gly Thr Tyr Thr Val Phe Gly Glu
        35   40

<210> 1465
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1465
gtccctgatc gcttctctgt ctccaagtct ggctacacgg cctccctgac catctctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atggaggcac ctacacagtg 120

ttcggcgaa 129

<210> 1466
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1466

Val Pro Asp Arg Phe Ser Val Ser Lys Ser Gly Tyr Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Gly Gly Thr Tyr Thr Val Phe Gly Glu
35 40

<210> 1467
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1467
gtccctgatc gcttctctgg ctcgaagtct ggcaacacgg cctccctgac gatctctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atggaggcac ctacacagtg 120

ttcggcgaa 129

<210> 1468
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1468

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Gly Gly Thr Tyr Thr Val Phe Gly Glu
35 40

<210> 1469
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1469
gtccctgatc gcttctctgg ctccaagtct tgcaacacgg cctccctgac catctctgtg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atggaggcac ctacacagtg 120

ttcggcgaa 129

<210> 1470
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1470

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu

1 5 10 15

Thr Ile Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Gly Gly Thr Tyr Thr Val Phe Gly Glu
35 40

<210> 1471
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1471
gtccctgatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac catctctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atggaggcac ctacacagtg 120

ttcggcgaa 129

<210> 1472
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1472
gtccctgatc gcttctccgg ctccaagtct ggcaacacgg ccttcctgac catctctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atggaggcac ctacacagtg 120

ttcggcgaa 129

<210> 1473
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1473

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Phe Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Gly Gly Thr Tyr Thr Val Phe Gly Glu
35 40

<210> 1474
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1474

Cys Ser Tyr Ala Gly Ser Ser Thr Phe Asn Trp Val Phe
1 5 10

<210> 1475
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1475
cgcttctctg tctccaagtc tgtcaacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt caattgggtg 120

ttcggcgga 129

<210> 1476
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1476

Arg Phe Ser Val Ser Lys Ser Val Asn Thr Ala Ser Leu Thr Ile Ser
1   5   10   15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
            20   25   30

Gly Ser Ser Thr Phe Asn Trp Val Phe Gly Gly
        35   40

<210> 1477
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1477
cgcttctctg gctccatgtc tggcaactcg gcctccctga ctatctctgg gctccaggct   60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt caattgggtg   120

ttcggcgga   129

<210> 1478
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1478

Arg Phe Ser Gly Ser Met Ser Gly Asn Ser Ala Ser Leu Thr Ile Ser
1   5   10   15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
            20   25   30

Gly Ser Ser Thr Phe Asn Trp Val Phe Gly Gly
35 40

<210> 1479
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1479
cgcttctctg gctccaagtc tggcaactcg gcctccctga ctatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt caattgggtg 120

ttcggcgga 129

<210> 1480
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1480

Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Asn Trp Val Phe Gly Gly
35 40

<210> 1481
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1481
cgcttctctg gctccaagtc tggcaacacg gcctccctga cattctctgg gctgcaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt caattgggtg 120

ttcggcgga 129

<210> 1482
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1482

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Phe Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Asn Trp Val Phe Gly Gly
35 40

<210> 1483
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1483
cgcttctctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gatgacgagt ctgattatta ctgctgctca tatgcaggta gtagcacttt caattgggtg 120

ttcggcgga 129

<210> 1484
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1484

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1   5   10   15

Gly Leu Gln Ala Asp Asp Glu Ser Asp Tyr Tyr Cys Cys Ser Tyr Ala
            20   25   30

Gly Ser Ser Thr Phe Asn Trp Val Phe Gly Gly
        35   40

<210> 1485
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1485
cgcttctctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct   60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt caattgggtg   120

ttcggcgga   129

<210> 1486
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1486

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1   5   10   15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala

20 25 30

Gly Ser Ser Thr Phe Asn Trp Val Phe Gly Gly
35 40

<210> 1487
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1487

Cys Ser Tyr Ala Gly Arg Tyr Val Phe
1 5

<210> 1488
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1488
ggggtccctg atcgcttctc tggctccaag tctggcaaca cggcctccct gtccatctct 60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cagatatgtc 120

ttcggatct 129

<210> 1489
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1489

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Ser Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
            20   25   30

Cys Ser Tyr Ala Gly Arg Tyr Val Phe Gly Ser
        35   40

<210> 1490
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1490
gggtccctga tccgcttctc tggctccaag tctggcaaca cggcctccct gaccatctct 60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cagatatgtc 120

ttcggaact 129

<210> 1491
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1491

Gly Ser Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1   5   10   15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
            20   25   30

Cys Ser Tyr Ala Gly Arg Tyr Val Phe Gly Thr
        35   40

<210> 1492
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1492
ggtgtccctg atcgcttctc tggctccaag tctggcatca cggcctccct gaccatctct 60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cagatatgtc 120

ttcggaact 129

<210> 1493
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1493

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Arg Tyr Val Phe Gly Thr
35 40

<210> 1494
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1494
ggggtccctg atcgcttctc tgtctccaag tctggcatca cggcctccct gaccatctct 60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cagatatgtc 120

ttcggaact 129

<210> 1495
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1495

Gly Val Pro Asp Arg Phe Ser Val Ser Lys Ser Gly Ile Thr Ala Ser
1   5   10   15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
            20   25   30

Cys Ser Tyr Ala Gly Arg Tyr Val Phe Gly Thr
        35   40

<210> 1496
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1496
ggggtccctg atcgcttctc tggctccaag tctggcaaca cggcctccct gaccatctct   60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cagatatgtc   120

ttcggaact   129

<210> 1497
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1497

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser

1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Arg Tyr Val Phe Gly Thr
35 40

<210> 1498
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1498
gttcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctcctg 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttgggggtc 120

ttcggaact 129

<210> 1499
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1499

Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Gly Val Phe Gly Thr
35 40

<210> 1500

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1500
gttcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttgggtgtc 120

ttcggaact 129

<210> 1501
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1501

Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Gly Val Phe Gly Thr
35 40

<210> 1502
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1502
gatcgcttct ctggctccaa gtctggcaag acggcctgcc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttgggggtc 120

ttcggaact 129

<210> 1503
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1503

Asp Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Cys Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Gly Val Phe Gly Thr
35 40

<210> 1504
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1504
gatcgcttct ctggctccaa gtctggcaac tcggcctccc tgacgatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttgggggtc 120

ttcggaact 129

<210> 1505
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1505

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Leu Gly Val Phe Gly Thr
        35   40

<210> 1506
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1506
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttgggggtc 120

ttcggaact 129

<210> 1507
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1507

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Leu Gly Val Phe Gly Thr
        35   40

<210> 1508
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1508
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttgggggtc 120

ttcggaact 129

<210> 1509
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1509

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Gly Val Phe Gly Thr
35 40

<210> 1510
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1510

Cys Ser Ser Pro Asp Ser Asn Thr Val Val Phe

1 5 10

<210> 1511
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1511
tctcatcgct tctctggtac caagtctggc tacacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgttcatctc cagatagtaa cactgttgtg 120

ttcggagga 129

<210> 1512
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1512

Ser His Arg Phe Ser Gly Thr Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Ser Pro Asp Ser Asn Thr Val Val Phe Gly Gly
35 40

<210> 1513
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1513

tctcatcgct tctctggtac caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgttcatctc cagatagtaa cactgttgtg 120

ttcggagga 129

<210> 1514
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1514

Ser His Arg Phe Ser Gly Thr Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Ser Pro Asp Ser Asn Thr Val Val Phe Gly Gly
35 40

<210> 1515
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1515
tctattcgct tctctggctc caactctggc gacacggcct ccctgactat ctctggactc 60

caggctgagg acgaggctga ttattactgc tgttcatctc cagacagtaa tactgttgtg 120

ttcggagga 129

<210> 1516
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1516

Ser Ile Arg Phe Ser Gly Ser Asn Ser Gly Asp Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Ser Pro Asp Ser Asn Thr Val Val Phe Gly Gly
        35   40

<210> 1517
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1517
tctaatcgct tctctggctc caactctggc gacacggcct ccctgacaat ctctggactc   60

caggctgagg acgaggctga ttattactgc tgttcatctc cagacagtaa tactgttgtg   120

ttcggagga   129

<210> 1518
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1518

Ser Asn Arg Phe Ser Gly Ser Asn Ser Gly Asp Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Ser Pro Asp Ser Asn Thr Val Val Phe Gly Gly
        35   40

<210> 1519
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1519
cttattcgct tctctggctc caactctggc gacacggcct ccctgacaat ctctggactc   60

caggctgagg acgaggctga ttattactgc tgttcatctc cagacagtaa tactgttgtg   120

ttcggagga   129

<210> 1520
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1520

Leu Ile Arg Phe Ser Gly Ser Asn Ser Gly Asp Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Ser Pro Asp Ser Asn Thr Val Val Phe Gly Gly
        35   40

<210> 1521
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1521
ctcatccgct tctctggtac caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgttcatctc cagatagtaa cactgttgtg 120

ttcggagga 129

<210> 1522
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1522

Leu Ile Arg Phe Ser Gly Thr Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Ser Pro Asp Ser Asn Thr Val Val Phe Gly Gly
35 40

<210> 1523
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1523

Cys Ser Tyr Ala Gly Thr Tyr Ser Leu Val Phe
1 5 10

<210> 1524
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1524
cctggccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcaccta ctccttggtg 120

ttcggcgga 129

<210> 1525
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1525

Pro Gly Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Thr Tyr Ser Leu Val Phe Gly Gly
        35   40

<210> 1526
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1526
cctgatcgct tctctggctc gaagtctggc aacacggcct ccctgaccat ctctgtgctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcaccta ctccttggtg 120

ttcggcgga 129

<210> 1527

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1527

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Thr Tyr Ser Leu Val Phe Gly Gly
35 40

<210> 1528
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1528
cctgatcgct tctctggctc cacggctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcaccta ctccttggtg 120

ttcggcgga 129

<210> 1529
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1529

Pro Asp Arg Phe Ser Gly Ser Thr Ala Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Thr Tyr Ser Leu Val Phe Gly Gly
        35   40

<210> 1530
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1530
cctgatcgct tctctggctc caagtctggc aacacggcct ccctggccat ctctgggccc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcaccta ctccttggtg 120

ttcggcgga 129

<210> 1531
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1531

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ala
1   5   10   15

Ile Ser Gly Pro Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Thr Tyr Ser Leu Val Phe Gly Gly
        35   40

<210> 1532
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1532
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcaccta ctccttggtg 120

ttcggcgga 129

<210> 1533
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1533

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Thr Tyr Ser Leu Val Phe Gly Gly
35 40

<210> 1534
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1534
cctgatcgct tccctggctc catgtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcaccta ctccttggtg 120

ttcggcgga 129

<210> 1535
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1535

Pro Asp Arg Phe Pro Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Thr Tyr Ser Leu Val Phe Gly Gly
        35   40

<210> 1536
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1536

Cys Ser Tyr Ala Ser Ser Ser Thr Leu Val Phe
1   5   10

<210> 1537
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1537
tcttatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg ctagtagtag cactttagtg   120

ttcggcgga 129

<210> 1538
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1538

Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Ser Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 1539
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1539
tctaatcgct tctctggctc caagtctggc tacacggcct ccctgacatt ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caagtagtag cactttagtg 120

ttcggcgga 129

<210> 1540
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1540

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1   5   10   15

Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Ser Ser Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 1541
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1541
tctaatcgct tctctggctc caagtctggc aacactgcct ccctgagaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caagtagtag cactttagtg 120

ttcggcgga 129

<210> 1542
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1542

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Arg
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Ser Ser Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 1543
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1543
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caagtagtag cactttagtg 120

ttcggcgga 129

<210> 1544
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1544

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Ser Ser Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 1545
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1545
tctaatcgct tctctggctc caagtccggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caagtagtag cactttagtg 120

ttcagcgga 129

<210> 1546
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1546

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Ser Ser Ser Thr Leu Val Phe Ser Gly
35 40

<210> 1547
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1547
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caagtagtag cactttagtg 120

ttcggcgga 129

<210> 1548
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1548

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Ser Ser Ser Thr Leu Val Phe Gly Gly
35 40

<210> 1549
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1549

Cys Ser Phe Ala Gly Ser His Thr Tyr Val Phe
1 5 10

<210> 1550
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1550
ctgatccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatttg caggcagcca cacttatgtc 120

ttcggaact 129

<210> 1551
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1551

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Phe Ala Gly Ser His Thr Tyr Val Phe Gly Thr
        35   40

<210> 1552
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1552
ctgatacgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc   60

caggctgagg atgaggctga ttattactgc tgctcatttg caggcagcca cacttatgtc   120

ttcggaact   129

<210> 1553
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1553
cctgatcgct tctctggctc caagtctggc atcacggcct ccctgaccat ctctgggctc   60

cagtctgagg atgaggctga ttattactgc tgctcatttg caggcagcca cacttatgtc   120

ttcggaact   129

<210> 1554

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1554

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Phe Ala Gly Ser His Thr Tyr Val Phe Gly Thr
35 40

<210> 1555
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1555
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatttg caggcagcca cacttatgtc 120

ttcggaact 129

<210> 1556
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1556

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Phe Ala Gly Ser His Thr Tyr Val Phe Gly Thr
        35   40

<210> 1557
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1557
ccgtttcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatttg caggcagcca cacttatgtc 120

ttcggaact 129

<210> 1558
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1558

Pro Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Phe Ala Gly Ser His Thr Tyr Val Phe Gly Thr
        35   40

<210> 1559
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1559
cctgatcgct tctctggctc caagtctggc tacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatttg caggcagcca cacttatgtc 120

ttcggaact 129

<210> 1560
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1560

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Phe Ala Gly Ser His Thr Tyr Val Phe Gly Thr
35 40

<210> 1561
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1561

Cys Ser Tyr Ala Gly Ser Ser Ile Tyr Val Phe
1 5 10

<210> 1562

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1562
tctattcgct tctctggctc caagtctggc atcacggcct ccctgacaat ctctgggctc 60

cagtctgagg acgaggctga ttattactgc tgctcatatg caggtagtag catttatgtc 120

ttcggaact 129

<210> 1563
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1563

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ile Tyr Val Phe Gly Thr
35 40

<210> 1564
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1564
tctaatcgct tctctggctc cgagtccggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag catttatgtc 120

ttcggaact 129

<210> 1565
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1565

Ser Asn Arg Phe Ser Gly Ser Glu Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ile Tyr Val Phe Gly Thr
35 40

<210> 1566
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1566
tctaatcgct tctctggctc caagtctggt aacacggcct ccctgacaat ctctgggccc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag catttatgtc 120

ttcggaact 129

<210> 1567
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1567

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Pro Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Ile Tyr Val Phe Gly Thr
        35   40

<210> 1568
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1568
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgagaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag catttatgtc 120

ttcggaact   129

<210> 1569
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1569

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Arg
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Ile Tyr Val Phe Gly Thr
        35   40

<210> 1570
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1570
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag catttatgtc 120

ttcggaact 129

<210> 1571
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1571

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ile Tyr Val Phe Gly Thr
35 40

<210> 1572
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1572
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag catttatgtc 120

ttcggaact 129

<210> 1573
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1573

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ile Tyr Val Phe Gly Thr
35 40

<210> 1574
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1574

Cys Ser Tyr Ala Gly Ser Ser Thr Lys Val Phe
1 5 10

<210> 1575
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1575

tctagtcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattaccgc tgctcatatg caggtagtag cacaaaggtg 120

ttcggcgga 129

<210> 1576
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1576

Ser Ser Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Arg Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Lys Val Phe Gly Gly
35 40

<210> 1577
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1577
tctaatcgct tctctggctc caagtctggc cacccggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacaaaggtg 120

ttcggcgga 129

<210> 1578
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1578

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly His Pro Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Lys Val Phe Gly Gly
        35   40

<210> 1579
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1579
tctaatcgct tctctggctc caagtctggc aagacggcct ccctgacaat ctctgtgctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacaaaggtg   120

ttcggcgga   129

<210> 1580
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1580

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Lys Val Phe Gly Gly
35 40

<210> 1581
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1581
tctaatcgct tctctggctc caagtctggc aactcggcct cgctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacaaaggtg 120

ttcggcgga 129

<210> 1582
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1582

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Lys Val Phe Gly Gly
35 40

<210> 1583
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1583
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacaaaggtg 120

ttcggcgga 129

<210> 1584
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1584

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Lys Val Phe Gly Gly
35 40

<210> 1585
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1585
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacaaaggtg 120

ttcggcgga 129

<210> 1586
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1586

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Lys Val Phe Gly Gly
35 40

<210> 1587
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1587

Cys Ser Tyr Ala Gly Ser Tyr Leu Tyr Val Phe
1 5 10

<210> 1588
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1588
cgtgatcgct tctctggctc caagtctggc aacactgcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cctctatgtc 120

ttcggaact 129

<210> 1589

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1589

Arg Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Leu Tyr Val Phe Gly Thr
35 40

<210> 1590
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1590
cctgatcgct tctctggctc caagtctggc tacacggcct ccctgacgat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cctctatgtc 120

ttcggaact 129

<210> 1591
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1591

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Leu Tyr Val Phe Gly Thr
        35   40

<210> 1592
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1592
cctgatcgct tctctggctc caagtctggc aactcggcct ccctgaccat ctcttggctc   60

cagactgggg atgaggctga ttattactgc tgctcatatg caggcagcta cctttatgtc   120

ttcggaact   129

<210> 1593
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1593

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1   5   10   15

Ile Ser Trp Leu Gln Thr Gly Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Leu Tyr Val Phe Gly Thr
        35   40

<210> 1594
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1594
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cctctatgtc 120

ttcggaact 129

<210> 1595
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1595

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Leu Tyr Val Phe Gly Thr
35 40

<210> 1596
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1596
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

cagactgggg atgaggctga ttattactgc tgctcatatg caggcagcta cctttatgtc 120

ttcggaact 129

<210> 1597
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1597

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Thr Gly Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Leu Tyr Val Phe Gly Thr
35 40

<210> 1598
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1598
cctgatcgct tctctgaccc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cctctatgtc 120

ttcggaact 129

<210> 1599
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1599

Pro Asp Arg Phe Ser Asp Pro Lys Ser Gly Asn Thr Ala Ser Leu Thr

1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Leu Tyr Val Phe Gly Thr
35 40

<210> 1600
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1600

Cys Ser Tyr Ala Gly Ser Ser Ile Val Val Phe
1 5 10

<210> 1601
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1601
tctaatcgct tctctggctc caagtctggg aacacgggct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cattgtggta 120

ttcggcgga 129

<210> 1602
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1602

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Gly Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Ile Val Val Phe Gly Gly
        35   40

<210> 1603
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1603
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacatt ctctgggctc 60

ctggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cattgtggta 120

ttcggcgga 129

<210> 1604
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1604

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Phe Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Ile Val Val Phe Gly Gly
        35   40

<210> 1605
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1605
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cattgtggta 120

ttcggcgga 129

<210> 1606
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1606

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ile Val Val Phe Gly Gly
35 40

<210> 1607
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1607
tctaatcgct tctctggctc caagtctggc aacacggcct ccctcacaat ctctgggctc 60

caggctgagg acgaggctga ttattacttc tgctcatatg caggtagtag cattgtggta 120

ttcggcgga 129

<210> 1608
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1608

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Phe Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ile Val Val Phe Gly Gly
35 40

<210> 1609
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1609
ctaattcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cattgtggta 120

ttcggcgga 129

<210> 1610
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1610

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ile Val Val Phe Gly Gly
35 40

<210> 1611
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1611
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cattgtggta 120

ttcggcgga 129

<210> 1612
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1612

Cys Ser Tyr Ala Gly Ser Arg Thr Pro Val Val Phe
1 5 10

<210> 1613
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1613
aatcgcttct ctggctccaa gtctgtcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg atgctgatta ttactgctgc tcatatgcag gaagtagaac tcccgtggta 120

ttcggcgga 129

<210> 1614
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1614

Asn Arg Phe Ser Gly Ser Lys Ser Val Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Asp Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Arg Thr Pro Val Val Phe Gly Gly
        35   40

<210> 1615
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1615
aatcgcttct ctggctccaa gtctggctac agggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gaagtagaac tcccgtggta 120

ttcggcgga 129

<210> 1616

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1616

Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Arg Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Arg Thr Pro Val Val Phe Gly Gly
35 40

<210> 1617
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1617
aatcgcttct ctggctccaa gtctggcatg acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gaagtagaac tcccgtggtt 120

ttcggcgga 129

<210> 1618
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1618

Asn Arg Phe Ser Gly Ser Lys Ser Gly Met Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Arg Thr Pro Val Val Phe Gly Gly
        35   40

<210> 1619
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1619
aatcgcttct ctggctccaa gtctggcaac actgcctccc tgacaatctc tgggctcctg 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gaagtagaac tcccgtggta 120

ttcggcgga 129

<210> 1620
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1620

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Arg Thr Pro Val Val Phe Gly Gly
        35   40

<210> 1621
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1621
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gaagtagaac tcccgtggta 120

ttcggcgga 129

<210> 1622
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1622

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Arg Thr Pro Val Val Phe Gly Gly
35 40

<210> 1623
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1623
aatcgcttct ctggccccaa gtctggcaac acggcctgcc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gaagtagaac tcccgtggta 120

ttcggcgga 129

<210> 1624
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1624

Asn Arg Phe Ser Gly Pro Lys Ser Gly Asn Thr Ala Cys Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Arg Thr Pro Val Val Phe Gly Gly
        35   40

<210> 1625
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1625

Cys Ser Tyr Ala Gly Ser Ser Thr Phe Asp Val Val Phe
1   5   10

<210> 1626
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1626
cgcttctctt gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct   60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gcagcacttt tgatgtggta   120

ttcggcgga 129

<210> 1627
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1627

Arg Phe Ser Cys Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Asp Val Val Phe Gly Gly
35 40

<210> 1628
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1628
cgcttctctg gctccatgtc tggctacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt tgatgtggta 120

ttcggcgga 129

<210> 1629
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1629

Arg Phe Ser Gly Ser Met Ser Gly Tyr Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Asp Val Val Phe Gly Gly
35 40

<210> 1630
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1630
cgcttctctg gctccaagtc tggcaactcg gcctccgtga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt tgatgtggta 120

ttcggcgga 129

<210> 1631
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1631

Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Val Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Asp Val Val Phe Gly Gly
35 40

<210> 1632
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1632
cgcttctctg gctccaagtc tggcaacacg gcctgcctga caatctctgg gctccaggct 60

gatgacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt tgatgtggta 120

ttcggcgga 129

<210> 1633
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1633

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Cys Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Asp Val Val Phe Gly Gly
35 40

<210> 1634
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1634
cgcttctctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt tgatgtggta 120

ttcggcgga 129

<210> 1635
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1635

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Asp Val Val Phe Gly Gly
35 40

<210> 1636
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1636
cgcttctctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt cgatgtggta 120

ttcggcgga 129

<210> 1637
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1637
ttctatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttagtc 120

ttcggaact 129

<210> 1638
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1638

Phe Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Thr
35 40

<210> 1639
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1639
tcttatcgct tctctggctc caagtctggc tacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttagtc 120

ttcggaact 129

<210> 1640
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1640

Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Thr
35 40

<210> 1641
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1641
tcttatcgct tctctggctc caagtctggc atcacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttagtc 120

ttcggaact 129

<210> 1642
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1642

Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Thr
35 40

<210> 1643
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1643
tctaatctct tctctggctc caagtctggc aagacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggtc 120

ttcggaact 129

<210> 1644
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1644

Ser Asn Leu Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Thr
35 40

<210> 1645
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1645
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttggtc 120

ttcggaact 129

<210> 1646
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1646

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Val Phe Gly Thr
        35   40

<210> 1647
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1647
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttagtc 120

ttcggaact 129

<210> 1648

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1648

Cys Ser Tyr Ala Gly Ser Arg Leu Leu Val Phe
1 5 10

<210> 1649
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1649
ttctatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgacg acgaggctga ttattactgc tgctcatatg caggtagtcg cctcctggta 120

ttcggcgga 129

<210> 1650
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1650

Phe Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Arg Leu Leu Val Phe Gly Gly
35 40

<210> 1651
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1651
tctattcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caagctgacg acgaggctga ttattactgc tgctcatatg caggtagtcg cctcctggta 120

ttcggcgga 129

<210> 1652
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1652

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Arg Leu Leu Val Phe Gly Gly
35 40

<210> 1653
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1653
tctaatcgct tctctggctc caagtctggc atcacgggct ccctgacaat ctctgggctc 60

caggctgacg acgaggctga ttattactgc tgctcatatg caggtagtcg cctcctggta 120

ttcggcgga 129

<210> 1654
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1654

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Gly Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Arg Leu Leu Val Phe Gly Gly
35 40

<210> 1655
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1655
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgacg acgaggctga ttattactgc tgctcatatg caggtagtcg cctcctggta 120

ttcggcgga 129

<210> 1656
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1656

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Arg Leu Leu Val Phe Gly Gly
35 40

<210> 1657
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1657
tcaaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggccc 60

caggctgacg acgaggctga ttattactgc tgctcatatg caggtagtcg cctcctggta 120

ttcggcgga 129

<210> 1658
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1658

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Pro Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Arg Leu Leu Val Phe Gly Gly

35 40

<210> 1659
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1659

Cys Ser Tyr Ala Gly Ser Tyr Thr Phe Val Phe
1 5 10

<210> 1660
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1660
cctgatcgct tctctggctc caagtctggc tacactgcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttcgta 120

ttcggcgga 129

<210> 1661
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1661

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Phe Val Phe Gly Gly
35 40

<210> 1662
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1662
cctgatcgct tctctggctc caagtctggc aagacgggct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttcgta 120

ttcggcgga 129

<210> 1663
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1663

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Gly Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Phe Val Phe Gly Gly
35 40

<210> 1664
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1664
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttcgta 120

ttcggcgga 129

<210> 1665
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1665

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Phe Val Phe Gly Gly
35 40

<210> 1666
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1666
cctgatcgct tctctggctc caagtctggc aacacggcct acctgaccat ctctgggctc 60

cagtctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttcgta 120

ttcggcgga 129

<210> 1667
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1667

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Tyr Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Phe Val Phe Gly Gly
        35   40

<210> 1668
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1668
ccgtttcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc   60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactttcgta   120

ttcggcgga   129

<210> 1669
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1669

Pro Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Tyr Thr Phe Val Phe Gly Gly
35 40

<210> 1670
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1670

Cys Ser Tyr Ala Gly Ser Thr Thr Arg Val Val Phe
1 5 10

<210> 1671
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1671
tatcgcttct ctggctccaa gtctggcaac acggcctccc tgtcaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtaccac tcgcgtggta 120

ttcggcgga 129

<210> 1672
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1672

Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ser Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Thr Thr Arg Val Val Phe Gly Gly
        35   40

<210> 1673
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1673
tatcgcttct ctggctccaa ggctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtaccac tcgcgtggta 120

ttcggcgga 129

<210> 1674
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1674

Tyr Arg Phe Ser Gly Ser Lys Ala Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Thr Thr Arg Val Val Phe Gly Gly
        35   40

<210> 1675
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1675
attcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctcgag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtaccac tcgcgtggta 120

ttcggcgga 129

<210> 1676
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1676

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Glu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Thr Thr Arg Val Val Phe Gly Gly
        35   40

<210> 1677
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1677
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtaccac tcgcgtggta 120

ttcggcgga 129

<210> 1678
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1678

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Thr Thr Arg Val Val Phe Gly Gly
35 40

<210> 1679
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1679
attcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtaccac tcgcgtggta 120

ttcggcgga 129

<210> 1680
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1680

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile

1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Thr Thr Arg Val Val Phe Gly Gly
35 40

<210> 1681
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1681

Cys Ser Tyr Ala Gly Phe Ser Thr Leu Val Phe
1 5 10

<210> 1682
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1682
tctaatcgct tctctggctc caagtctgtc tacacggcct ccctgacaat ctcttggctc 60

caggctgagg acgaggctca ttactactgc tgctcatatg caggttttag cactttggta 120

ttcggcgga 129

<210> 1683
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1683

Ser Asn Arg Phe Ser Gly Ser Lys Ser Val Tyr Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Trp Leu Gln Ala Glu Asp Glu Ala His Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Phe Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 1684
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1684
tctaatcgct tctctggctc caagtctgtc atcacggcct ccctgacaat ctctgggctc   60

caggctgatg acgaggctca ttactactgc tgctcatatg caggttttag cactttggta   120

ttcggcgga   129

<210> 1685
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1685

Ser Asn Arg Phe Ser Gly Ser Lys Ser Val Ile Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala His Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Phe Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 1686
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1686
tctaatcgct tctctggctc caagtctgtc aagacggcct ccctgacaat ctctgggctc 60

caggctgagg acggggctca ttactactgc tgctcatatg caggttttag cactttggta 120

ttcggcgga 129

<210> 1687
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1687

Ser Asn Arg Phe Ser Gly Ser Lys Ser Val Lys Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Gly Ala His Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Phe Ser Thr Leu Val Phe Gly Gly
35 40

<210> 1688
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1688
tctaatcgct tctctggctc caagtctgtc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctca ttactactgc tgctcatatg caggttttag cactttggta 120

ttcggcgga 129

<210> 1689
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1689

Ser Asn Arg Phe Ser Gly Ser Lys Ser Val Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala His Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Phe Ser Thr Leu Val Phe Gly Gly
35 40

<210> 1690
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1690
ctaatccgct tctctggctc caagtctgtc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctca ttactactgc tgctcatatg caggttttag cactttggta 120

ttcggcgga 129

<210> 1691
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1691

Leu Ile Arg Phe Ser Gly Ser Lys Ser Val Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala His Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Phe Ser Thr Leu Val Phe Gly Gly
35 40

<210> 1692
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1692

Cys Ser Tyr Ala Gly Ser Leu Tyr Val Phe
1 5 10

<210> 1693
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1693
gtccctgatc gcttctctgg ctccaagtct ggcgacacgg cctccctgac catctctggg 60

ctccaggctg aggatggggc tgattattac tgctgctcat atgcaggcag cctctatgtc 120

ttcggaact 129

<210> 1694
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1694

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asp Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Gly Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Ser Leu Tyr Val Phe Gly Thr
        35   40

<210> 1695
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1695
gtccctgatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac catctctggg   60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag cctctatgtc   120

ttcggaact   129

<210> 1696
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1696

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Ser Leu Tyr Val Phe Gly Thr
35 40

<210> 1697
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1697
gtccctgata gcttctctgg ctccaagtct ggcaacacgg cctccctgac catgtctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag cctctatgtc 120

ttcggaact 129

<210> 1698
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1698

Val Pro Asp Ser Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Met Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Leu Tyr Val Phe Gly Thr
35 40

<210> 1699
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1699
gtccatgatc gcttctctgt ctccaagtct ggcaacacgg cctccctgac catctctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag cctctatgtc 120

ttcggaact 129

<210> 1700
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1700

Val His Asp Arg Phe Ser Val Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Leu Tyr Val Phe Gly Thr
35 40

<210> 1701
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1701
ggacctgatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac catctctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag cctctatgtc 120

ttcggaact 129

<210> 1702
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1702

Gly Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Leu Tyr Val Phe Gly Thr
35 40

<210> 1703
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1703

Cys Ser Tyr Ala Gly Ser Arg Tyr Val Val Phe
1 5 10

<210> 1704
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1704
tgtaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgtgctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag atatgtggta 120

ttcggcgga 129

<210> 1705

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1705

Cys Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Arg Tyr Val Val Phe Gly Gly
35 40

<210> 1706
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1706
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag atatgtggta 120

ttcggcgga 129

<210> 1707
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1707

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Arg Tyr Val Val Phe Gly Gly
        35   40

<210> 1708
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1708
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag atatgtggta 120

ttcggcgga 129

<210> 1709
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1709

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Arg Tyr Val Val Phe Gly Gly
        35   40

<210> 1710
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1710
tctaatcgct tctctggctc caagtctggc aacacagcca ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag atatgtggta 120

ttcggcgga 129

<210> 1711
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1711

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Thr Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Arg Tyr Val Val Phe Gly Gly
35 40

<210> 1712
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1712
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag atatgtggta 120

ttcggcgga 129

<210> 1713
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1713

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Arg Tyr Val Val Phe Gly Gly
        35   40

<210> 1714
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1714

Cys Ser Tyr Ala Gly Ser Tyr Thr Phe Gly Val Phe
1   5   10

<210> 1715
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1715
gttcgcttct ctggctccaa gtctggcaac acggcctccc tgtccatctc tgggctccag   60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcggggtc   120

ttcggaact 129

<210> 1716
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1716

Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ser Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Gly Val Phe Gly Thr
35 40

<210> 1717
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1717
gttcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcggtgtc 120

ttcggaact 129

<210> 1718
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1718

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Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1               5                   10                  15


Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20                  25                  30


Ala Gly Ser Tyr Thr Phe Gly Val Phe Gly Thr
        35                  40


<210>  1719
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  1719
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag       60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcggggtc      120

ttcggaact                                                              129


<210>  1720
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  1720

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1               5                   10                  15


Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20                  25                  30


Ala Gly Ser Tyr Thr Phe Gly Val Phe Gly Thr
        35                  40
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<210> 1721
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1721
gatcgcttct ctggctccaa ggcaggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcggggtc 120

ttcggaact 129

<210> 1722
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1722

Asp Arg Phe Ser Gly Ser Lys Ala Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Gly Val Phe Gly Thr
35 40

<210> 1723
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1723
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcggggtc 120

ttcggaact 129

<210> 1724
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1724

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Gly Val Phe Gly Thr
35 40

<210> 1725
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1725

Cys Ser Tyr Ala Gly Ser Arg Gly Val Val Phe
1 5 10

<210> 1726
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1726

tcttatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag gggggttgta 120

ttcggcgga 129

<210> 1727
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1727

Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Arg Gly Val Val Phe Gly Gly
35 40

<210> 1728
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1728
tctattcgct tctctggctc caagtctggc atcacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag gggggtggta 120

ttcggcgga 129

<210> 1729
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1729

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Arg Gly Val Val Phe Gly Gly
        35   40

<210> 1730
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1730
tctaatcgct tctctggctc cttgtctggc aacacggcct ccctgacaat ctctgggctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag gggggtggta   120

ttcggcgga   129

<210> 1731
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1731

Ser Asn Arg Phe Ser Gly Ser Leu Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Arg Gly Val Val Phe Gly Gly
35 40

<210> 1732
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1732
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag gggggtggta 120

ttcggcgga 129

<210> 1733
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1733

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Arg Gly Val Val Phe Gly Gly
35 40

<210> 1734
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1734
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag gggggtggta 120

ttcggcgga 129

<210> 1735
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1735

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Arg Gly Val Val Phe Gly Gly
35 40

<210> 1736
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1736

Cys Ser Tyr Ala Gly Ser Tyr Thr Phe Gly Val Val Phe
1 5 10

<210> 1737
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1737
cgcttctctg gctcgaagtc tggcaacacg gcctccctga ccatctctgt gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cggtgtggta 120

ttcggcgga 129

<210> 1738
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1738

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1   5   10   15

Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
            20   25   30

Gly Ser Tyr Thr Phe Gly Val Val Phe Gly Gly
        35   40

<210> 1739
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1739
cgcttctctg gctccaagtc tggcaactcg gcctccctga ccttctctgg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cggtgtggta 120

ttcggcgga 129

<210> 1740

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1740

Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr Phe Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Gly Val Val Phe Gly Gly
35 40

<210> 1741
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1741
cgcttctctg gctccaagtc tggcaacacg gcctccctga ccatctctgg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cggtgtggta 120

ttcggcgga 129

<210> 1742
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1742

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
            20   25   30

Gly Ser Tyr Thr Phe Gly Val Val Phe Gly Gly
        35   40

<210> 1743
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1743
tcgcttctct ggctccaagt ctggcaacac ggcctccctg accatctctg ggctcaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cggtgtggta 120

ttcggcgga 129

<210> 1744
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1744

Ser Leu Leu Trp Leu Gln Val Trp Gln His Gly Leu Pro Asp His Leu
1   5   10   15

Trp Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
            20   25   30

Gly Ser Tyr Thr Phe Gly Val Val Phe Gly Gly
        35   40

<210> 1745
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1745
tcgcttctct ggctccaagt ctggcaacac ggcctccctg accatctctg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cggtgtggta 120

ttcggcgga 129

<210> 1746
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1746

Ser Leu Leu Trp Leu Gln Val Trp Gln His Gly Leu Pro Asp His Leu
1 5 10 15

Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Gly Val Val Phe Gly Gly
35 40

<210> 1747
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1747

Cys Ser Tyr Ala Gly Arg Tyr Ser Phe Thr Ile Phe
1 5 10

<210> 1748

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1748
gatcgcttat ctggctccaa gtctggctac acggcctccc tgaccatctc tggactcgag 60

gctgaggatg aggctgatta ttattgctgc tcatatgcag gcaggtacag tttcactatc 120

ttcggaact 129

<210> 1749
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1749

Asp Arg Leu Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Glu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Arg Tyr Ser Phe Thr Ile Phe Gly Thr
35 40

<210> 1750
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1750
gatcgcttat ctggctccaa gtctggcaac tcggcctcgc tgaccatctc tggactccag 60

gctgaggatg aggctgatta ttattgctgc tcatatgcag gcaggtacag tttcactatc 120

ttcggaact 129

<210> 1751
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1751

Asp Arg Leu Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Arg Tyr Ser Phe Thr Ile Phe Gly Thr
35 40

<210> 1752
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1752
gatcgcttat ctggctccaa gtctggcaac acggcctccc tgaccatctc tggactcctg 60

gctgaggatg aggctgatta ttattgctgc tcatatgcag gcaggtacag tttcactatc 120

ttcggatct 129

<210> 1753
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1753

```
Asp Arg Leu Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1               5                   10                  15


Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20                  25                  30


Ala Gly Arg Tyr Ser Phe Thr Ile Phe Gly Ser
        35                  40


<210>  1754
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  1754
gatcgcttat ctggctccaa gtctggcaac acggcctccc tgaccatctc tggactccag       60

gctgaggatg aggctgatta ttattgctgc tcatatgcag gcaggtacag tttcactatc      120

ttcggaact                                                              129


<210>  1755
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  1755

Asp Arg Leu Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1               5                   10                  15


Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20                  25                  30


Ala Gly Arg Tyr Ser Phe Thr Ile Phe Gly Thr
        35                  40
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<210> 1756
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1756
gatcgcttat ctggctccaa gtctcgcaac acggcctccc tgaccatctc tggactccag 60

tctgaggatg aggctgatta ttattgctgc tcatatgcag gcaggtacag tttcactatc 120

ttcggaact 129

<210> 1757
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1757

Asp Arg Leu Ser Gly Ser Lys Ser Arg Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Arg Tyr Ser Phe Thr Ile Phe Gly Thr
35 40

<210> 1758
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1758
tgtaatcgct tctctggctc caagtctggc aacacggcct ccctgagaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactaaggtc 120

ttcggaact 129

<210> 1759
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1759

Cys Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Arg
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Lys Val Phe Gly Thr
35 40

<210> 1760
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1760
tctaatcgct tctctggctc caagtctggc tacacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactaaggtc 120

ttcggaact 129

<210> 1761
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1761

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Lys Val Phe Gly Thr
35 40

<210> 1762
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1762
tctaatcgct tctctggctc caagtctggc atctcggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactaaggtc 120

ttcggaact 129

<210> 1763
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1763

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Lys Val Phe Gly Thr

35 40

<210> 1764
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1764
tctaatcgct tctctggctc caagtctggc aagacggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactaaggtc 120

ttcggaact 129

<210> 1765
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1765

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Lys Val Phe Gly Thr
35 40

<210> 1766
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1766

tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactaaggtc 120

ttcggaact 129

<210> 1767
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1767

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Lys Val Phe Gly Thr
35 40

<210> 1768
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1768
gatcgcttct ctggctccaa gtctggcatc tcggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgttgtc 120

ttcggaact 129

<210> 1769
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1769

Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Ser Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Phe Val Val Phe Gly Thr
        35   40

<210> 1770
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1770
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag   60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgttgtc   120

ttcggaact   129

<210> 1771
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1771

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Phe Val Val Phe Gly Thr
35 40

<210> 1772
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1772
ttccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgttgtc 120

ttcggaact 129

<210> 1773
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1773

Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Val Val Phe Gly Thr
35 40

<210> 1774
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1774
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgttgtc 120

ttcggaact 129

<210> 1775
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1775

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Val Val Phe Gly Thr
35 40

<210> 1776
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1776
atacgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcgttgtc 120

ttcggaact 129

<210> 1777
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1777
ggggtccctg atcgcttctc tgtctccaag tctggcatca cggcctccct gaccatctct 60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cagcgtggta 120

ttcggcgga 129

<210> 1778
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1778

Gly Val Pro Asp Arg Phe Ser Val Ser Lys Ser Gly Ile Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Val Val Phe Gly Gly
35 40

<210> 1779
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1779
ggggtccctg atcgcttctc tggctccaag tctggcatca cggcctccct gaccatctct 60

gtgctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cagcgtggta 120

ttcggcgga 129

<210> 1780
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1780

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Val Val Phe Gly Gly
35 40

<210> 1781
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1781
ggggtccctg atcgcttctc tggctccaag tctggcaaca cggcctccct gaccatctct 60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cagcgtggta 120

ttcggcgga 129

<210> 1782
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1782

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser

1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Val Val Phe Gly Gly
35 40

<210> 1783
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1783
ggggtccctg atcgcttctc tggctccaag tctggcaaca cggcctccct gaccatctct 60

gggctccagg ctgaggatga ggctgattat tactgctgct catacgcagg cagcgtggta 120

ttcgccgga 129

<210> 1784
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1784

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Val Val Phe Ala Gly
35 40

<210> 1785

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1785
gggggacctg atcgcttctc tggctccaag tctggcaaca cggcctccct gaccatctct 60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cagcgtggta 120

ttcggcgga 129

<210> 1786
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1786

Gly Gly Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Val Val Phe Gly Gly
35 40

<210> 1787
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1787

Cys Ser Tyr Ala Gly Ser Tyr Thr Phe Leu Phe Val Phe
1 5 10

<210> 1788
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1788
cgcttctctg gctccaagtc tggcaacacg gcctccctga ccatctctgg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt ccttttgtc 120

ttcggaact 129

<210> 1789
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1789

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Leu Phe Val Phe Gly Thr
35 40

<210> 1790
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1790
cgcttctctg gctccaagtc tggcaacaag gcctccctga ccatctctgt gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt ccttttgtc 120

ttcggaact 129

<210> 1791
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1791

Arg Phe Ser Gly Ser Lys Ser Gly Asn Lys Ala Ser Leu Thr Ile Ser
1 5 10 15

Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Leu Phe Val Phe Gly Thr
35 40

<210> 1792
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1792
tcgcttctct ggctccaagt ctggcaacac ggcctcctga ccatctctgg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt ccttttgtc 120

ttcggaact 129

<210> 1793
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1793

Ser Leu Leu Trp Leu Gln Val Trp Gln His Gly Leu Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Leu Phe Val Phe Gly Thr
35 40

<210> 1794
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1794
tcgcttctct ggctccaagt ctggcaacac ggcctccctg accatctctg ggctcaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt ccttttgtc 120

ttcggaact 129

<210> 1795
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1795

Ser Leu Leu Trp Leu Gln Val Trp Gln His Gly Leu Pro Asp His Leu
1 5 10 15

Trp Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Leu Phe Val Phe Gly Thr

35 40

<210> 1796
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1796
tcgcttctct ggctccaagt ctggcaacac ggcctccctg accatctctg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt ccttttgtc 120

ttcggaact 129

<210> 1797
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1797

Ser Leu Leu Trp Leu Gln Val Trp Gln His Gly Leu Pro Asp His Leu
1 5 10 15

Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Leu Phe Val Phe Gly Thr
35 40

<210> 1798
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1798

Cys Ser Tyr Ala Gly Ser Tyr Thr Leu Val Val Phe
1 5 10

<210> 1799
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1799
gatcgcttct ctggctccaa gtctggctac acggcctccc agaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tcttgtggta 120

ttcggcgga 129

<210> 1800
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1800

Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Gln Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20 25 30

Ala Gly Ser Tyr Thr Leu Val Val Phe Gly Gly
        35 40

<210> 1801
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1801
gatcgcttct ctggctccaa gtctggcatc acggcctccc tgtccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tcttgtggta 120

ttcggcgga 129

<210> 1802
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1802

Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Ser Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Val Val Phe Gly Gly
35 40

<210> 1803
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1803
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tcttgtggta 120

ttcggcgga 129

<210> 1804
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1804

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Leu Val Val Phe Gly Gly
        35   40

<210> 1805
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1805
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatcac tgggctccag   60

gctgaggatg aggctgatta ttaccgctgc tcatatgcag gcagctacac tcttgtggta   120

ttcggcgga   129

<210> 1806
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1806

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Thr Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Arg Cys Ser Tyr

20 25 30

Ala Gly Ser Tyr Thr Leu Val Val Phe Gly Gly
35 40

<210> 1807
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1807
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tcttgtggta 120

ttcggcgga 129

<210> 1808
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1808

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Leu Val Val Phe Gly Gly
35 40

<210> 1809
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1809

Cys Ser Tyr Ala Gly Ser Ser Thr Ser Ser Val Phe
1   5   10

<210> 1810
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1810
aatcgcttct ctgtctccaa gtctggcaac acggcctccc tgactatctc tgggctccag   60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttccagtgtc   120

ttcggaact   129

<210> 1811
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1811

Asn Arg Phe Ser Val Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Ser Ser Val Phe Gly Thr
        35   40

<210> 1812
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1812
aatcgcttct ctggctccaa gtcttgcaac acggcctccc tgtcaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttccagtgtc 120

ttcggaact 129

<210> 1813
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1813

Asn Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu Ser Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Ser Val Phe Gly Thr
35 40

<210> 1814
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1814
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctggggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttccagtgtc 120

ttcggacct 129

<210> 1815
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1815

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Gly Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Ser Val Phe Gly Pro
35 40

<210> 1816
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1816
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttccagtgtc 120

ttcggaact 129

<210> 1817
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1817

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile

1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Ser Val Phe Gly Thr
35 40

<210> 1818
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1818
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttccagtgtc 120

ttcggaact 129

<210> 1819
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1819

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Ser Val Phe Gly Thr
35 40

<210> 1820

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1820

Cys Ser Tyr Ala Gly Thr Thr Thr Pro Phe Val Phe
1   5   10

<210> 1821
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1821
tatcgcttct ctggctccca gtctggcatc acggcctccc tgacaatctc tggtctccag   60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gcactaccac tccttttgtc   120

ttcggaact   129

<210> 1822
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1822

Tyr Arg Phe Ser Gly Ser Gln Ser Gly Ile Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Thr Thr Thr Pro Phe Val Phe Gly Thr
        35   40

<210> 1823
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1823
tatcgcttct ctggctccca gtctggcaac acggcctccc tgacaatctc ttgtctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gcactaccac tccttttgtc 120

ttcggaact 129

<210> 1824
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1824

Tyr Arg Phe Ser Gly Ser Gln Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Cys Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Thr Thr Thr Pro Phe Val Phe Gly Thr
35 40

<210> 1825
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1825
actcgcttct ctggctccca gtctggcatc acggcctccc tgacaatctc tggtctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gcactaccac tccttttgtc 120

ttcggaact 129

<210> 1826
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1826

Thr Arg Phe Ser Gly Ser Gln Ser Gly Ile Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Thr Thr Thr Pro Phe Val Phe Gly Thr
35 40

<210> 1827
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1827
aatcgcttct ctggctccca gtctggcaac acggcctccc tgacaatctc tggtctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gcactaccac tccttttgtc 120

ttcggaact 129

<210> 1828
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1828

Asn Arg Phe Ser Gly Ser Gln Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Thr Thr Thr Pro Phe Val Phe Gly Thr
35 40

<210> 1829
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1829
aatcgattct ctggctccca gtctggcaac acggcatccc tgacaatctc tggtctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gcactaccac tccttttgtc 120

ttcggaact 129

<210> 1830
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1830

Cys Ser Tyr Ala Gly Ser Tyr Thr Ser Tyr Val Phe
1 5 10

<210> 1831
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1831
gatcgcttct ctggctgcaa gtctggcatc acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ctcttatgtc 120

ttcggaact 129

<210> 1832
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1832

Asp Arg Phe Ser Gly Cys Lys Ser Gly Ile Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Ser Tyr Val Phe Gly Thr
        35   40

<210> 1833
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1833
gatcgcttct ctggctccaa gtcttgcaac acggcctccc tgaccatctc tgggctccag 60

gctgatgatg aggctgatta ttactgctgc tcatatgcag gcagctacac ctcttatgtc 120

ttcggaact 129

<210> 1834

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1834

Asp Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Ser Tyr Val Phe Gly Thr
35 40

<210> 1835
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1835
gatcgcttct ctggctccaa gtctggcatc acggcctccc tgtccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ctcttatgtc 120

ttcggaact 129

<210> 1836
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1836

Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Ser Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Ser Tyr Val Phe Gly Thr
        35   40

<210> 1837
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1837
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ctcttatgtc 120

ttcggaact 129

<210> 1838
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1838

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Ser Tyr Val Phe Gly Thr
        35   40

<210> 1839
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1839
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ctcctatgtc 120

ttcggcact 129

<210> 1840
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1840

Cys Ser Tyr Ala Gly Ser Ser Ala Val Val Phe
1 5 10

<210> 1841
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1841
tctaatcgct tctctggctg caagtctggc aactcggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cgctgtggta 120

ttcggcgga 129

<210> 1842
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1842

Ser Asn Arg Phe Ser Gly Cys Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ala Val Val Phe Gly Gly
35 40

<210> 1843
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1843
tctaatcgct tctctggctc catgtctggc aacacggcct ccctgacaat ctctcggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cgctgtggta 120

ttcggcgga 129

<210> 1844
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1844

Ser Asn Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Arg Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ala Val Val Phe Gly Gly

35 40

<210> 1845
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1845
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cgctgtggta 120

ttcggcgga 129

<210> 1846
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1846

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ala Val Val Phe Gly Gly
35 40

<210> 1847
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1847

tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggccga ttattactgc tgctcgtatg caggtagtag cgctgtggta 120

ttcggcgga 129

<210> 1848
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1848
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cgctgtggta 120

ttcggcgga 129

<210> 1849
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1849

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ala Val Val Phe Gly Gly
35 40

<210> 1850
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1850

Cys Ser Tyr Thr Gly Ser Tyr Thr Leu Val Phe
1   5   10

<210> 1851
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1851
ctgatccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc   60

caggctgagg atgaggctga ttattactgc tgctcatata caggcagcta cactttggta   120

ttcggcgga   129

<210> 1852
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1852

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Thr Gly Ser Tyr Thr Leu Val Phe Gly Gly
        35   40

<210> 1853
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1853
cgtgatcgct tctctggctc caagtcttgc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatata caggcagcta cactttggta 120

ttcggcgga 129

<210> 1854
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1854

Arg Asp Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Thr Gly Ser Tyr Thr Leu Val Phe Gly Gly
35 40

<210> 1855
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1855
cctgatcgct tctctggctc gaagtctggc aacacggcct ccctgaccat ctctgggctc 60

ctggctgagg atgaggctga ttattactgc tgctcatata caggcagcta cactttggta 120

ttcggcgga 129

<210> 1856
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1856

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Thr Gly Ser Tyr Thr Leu Val Phe Gly Gly
35 40

<210> 1857
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1857
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgtgctc 60

caggctgagg atgaggctga ttattactgc tgctcatata caggcagcta caccttggta 120

ttcggcgga 129

<210> 1858
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1858

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr

1 5 10 15

Ile Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Thr Gly Ser Tyr Thr Leu Val Phe Gly Gly
35 40

<210> 1859
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1859
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatata caggcagcta cactttggta 120

ttcggcgga 129

<210> 1860
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1860

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Thr Gly Ser Tyr Thr Leu Val Phe Gly Gly
35 40

<210> 1861

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1861
gtttcttata gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tctttatgtc 120

ttcggaact 129

<210> 1862
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1862

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

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Leu Tyr Val Phe Gly Thr
35 40

<210> 1863
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1863
gtttctactc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctgtg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tctttatgtc 120

ttcggaact 129

<210> 1864
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1864

Val Ser Thr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Leu Tyr Val Phe Gly Thr
35 40

<210> 1865
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1865
gtttctaatc gcttctctgg ctccaagtct tgcaacacgg cctccctgac tatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tctttatgtc 120

ttcggaact 129

<210> 1866
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1866

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Leu Tyr Val Phe Gly Thr
35 40

<210> 1867
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1867
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tctttatgtc 120

ttcggaact 129

<210> 1868
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1868

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Leu Tyr Val Phe Gly Thr
35 40

<210> 1869
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1869
gttctaatcc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tctttatgtc 120

ttcggaact 129

<210> 1870
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1870

Val Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Leu Tyr Val Phe Gly Thr
35 40

<210> 1871
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1871

Cys Ser Tyr Ala Gly Ser Tyr Val Phe

1 5

<210> 1872
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1872
gggtccctga tccgcttctc tggctccaag tctggcaaca cggcctccct gaccatctct 60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cagctacgta 120

ttcggcgga 129

<210> 1873
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1873

Gly Ser Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Tyr Val Phe Gly Gly
35 40

<210> 1874
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1874

ggggtccctg atcgcttctc tggctccaag tctggcatca cggcctccct gaccatctct 60

gtgctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cagctacgta 120

ttcggcgga 129

<210> 1875
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1875

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Tyr Val Phe Gly Gly
35 40

<210> 1876
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1876
ggggtccctg atcgcttctc tggctccaag tctggcaaca cggcctccct gaccatctct 60

gggctcgagg ctgaggatga ggctgattat tactgctgct catatgcagg cagctacgta 120

ttcggcggt 129

<210> 1877
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1877

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1   5   10   15

Leu Thr Ile Ser Gly Leu Glu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
            20   25   30

Cys Ser Tyr Ala Gly Ser Tyr Val Phe Gly Gly
        35   40

<210> 1878
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1878
ggggtccctg atcgcttctc tggctccaag tctggcaaca cggcctccct gaccatctct   60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cagctacgta   120

ttcggcgga   129

<210> 1879
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1879

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1   5   10   15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
            20   25   30

Cys Ser Tyr Ala Gly Ser Tyr Val Phe Gly Gly
35 40

<210> 1880
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1880
ggggtccctg atcgcttctc tggctccaag tccggcaaca cggcctccct gaccatctct 60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcggg cagctacgta 120

ttcggcgga 129

<210> 1881
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1881

Cys Ser Tyr Ala Gly Ser Tyr Thr Phe Tyr Val Phe
1 5 10

<210> 1882
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1882
gatcgcttct ctggctccaa gtctggctac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta tttctgctgc tcatatgcag gcagctacac tttttatgtc 120

ttcggaact 129

<210> 1883
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1883

Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Tyr Val Phe Gly Thr
35 40

<210> 1884
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1884
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttttatgtc 120

ttcggaact 129

<210> 1885
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1885

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile

1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Tyr Val Phe Gly Thr
35 40

<210> 1886
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1886
gatcgcttct ctggctccaa gtctgacaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac cttttatgtc 120

ttcggaact 129

<210> 1887
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1887

Asp Arg Phe Ser Gly Ser Lys Ser Asp Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Tyr Val Phe Gly Thr
35 40

<210> 1888

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1888
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttttatgtc 120

ttcggaact 129

<210> 1889
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1889

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Tyr Val Phe Gly Thr
35 40

<210> 1890
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1890
atacgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttttatgtc 120

ttcggaact 129

<210> 1891
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1891

Cys Ser Tyr Ala Gly Thr Tyr Thr Trp Val Phe
1 5 10

<210> 1892
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1892
ctgattcgct tctctggctc caagtctggc aacacggcct ccctgaccct ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcaccta cacttgggtg 120

ttcggcgga 129

<210> 1893
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1893

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Leu Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Thr Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 1894
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1894
ctgatccgct tctctggctc caagtctggc aacacggcct ccctgaccct ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcaccta cacttgggtg 120

ttcggcgga 129

<210> 1895
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1895
cctgatcgct tctctggctc caagtctggc tacacggcct ccctgacgct ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcaccta cacttgggtg 120

ttcggcgga 129

<210> 1896
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1896

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1 5 10 15

Leu Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Thr Tyr Thr Trp Val Phe Gly Gly
        35   40

<210> 1897
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1897
cctgatcgct tctctggctc caagtctggc aacacggcct cccttaccct ctctgggctc   60

caggctgagg atgaggatga ttattactgc tgctcatatg caggcaccta cacttgggtg   120

ttcggcgga   129

<210> 1898
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1898

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Leu Ser Gly Leu Gln Ala Glu Asp Glu Asp Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Thr Tyr Thr Trp Val Phe Gly Gly
        35   40

<210> 1899
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1899
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccct ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcaccta cacttgggtg 120

ttcggcgga 129

<210> 1900
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1900

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Leu Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Thr Tyr Thr Trp Val Phe Gly Gly
35 40

<210> 1901
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1901

Cys Ser Tyr Ala Gly Ser Ser Thr Leu Val Val Phe
1 5 10

<210> 1902

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1902
tttcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttagtggta 120

ttcggcgga 129

<210> 1903
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1903

Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Leu Val Val Phe Gly Gly
35 40

<210> 1904
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1904
aatcgcttct ctggctccaa gtctggcttc acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttggtggta 120

ttcggcgga 129

<210> 1905
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1905

Asn Arg Phe Ser Gly Ser Lys Ser Gly Phe Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Leu Val Val Phe Gly Gly
35 40

<210> 1906
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1906
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttggtggta 120

ttcggcgga 129

<210> 1907
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1907

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Leu Val Val Phe Gly Gly
        35   40

<210> 1908
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1908
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttagtggta 120

ttcggcgga 129

<210> 1909
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1909
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttggtggta 120

ttcggcgga 129

<210> 1910
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1910

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Leu Val Val Phe Gly Gly
        35   40

<210> 1911
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1911

Cys Ser Tyr Ala Gly Ser Tyr Thr Phe Gly Ser Val Phe
1   5   10

<210> 1912
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1912
cgcttctctg gctccaagtc tggcaacacg gcctccctga ccatctctgg gctccaggct   60

gagtatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cggtagtgtc   120

ttcgtaact   129

<210> 1913
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1913

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1   5   10   15

Gly Leu Gln Ala Glu Tyr Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
            20   25   30

Gly Ser Tyr Thr Phe Gly Ser Val Phe Val Thr
        35   40

<210> 1914
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1914
cgcttctctg gctccaagtc tggcaacacg gcctccctga ccatctctgg gctccaggct   60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cggtagtgtc   120

ttcggaact   129

<210> 1915
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1915

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1   5   10   15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala

20 25 30

Gly Ser Tyr Thr Phe Gly Ser Val Phe Gly Thr
35 40

<210> 1916
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1916
agcttctctg gctccaagtc tggcatcacg gcctccctga ccatctctgg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cggtagtgtc 120

ttcggaact 129

<210> 1917
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1917

Ser Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Gly Ser Val Phe Gly Thr
35 40

<210> 1918
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1918
tcgcttctct ggctccaagt ctggcaacac ggcctcctga ccatctctgg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cggtagtgtc 120

ttcggaact 129

<210> 1919
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1919

Ser Leu Leu Trp Leu Gln Val Trp Gln His Gly Leu Leu Thr Ile Ser
1   5   10   15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
            20   25   30

Gly Ser Tyr Thr Phe Gly Ser Val Phe Gly Thr
        35   40

<210> 1920
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1920

Cys Ser Tyr Ser Gly Arg Tyr Thr Tyr Val Phe
1   5   10

<210> 1921
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1921
cctgttcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

ctggctgaag atgaggctga ttatttctgc tgctcatatt caggcaggta cacttatgtc 120

ttcggaact 129

<210> 1922
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1922

Pro Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Ser Gly Arg Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 1923
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1923
cctgatcgct tctctggctc caagtctggc aacacggcct ccctggccat ctctgggctc 60

caggctgaag atgaggctga ttatttctgc tgctcgtatt caggcaggta cacttatgtc 120

ttcggaact 129

<210> 1924
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1924

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ala
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Ser Gly Arg Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 1925
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1925
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgaag atgaggctga ttatttctgc tgctcatatt caggcaggta cacttatgtc 120

ttcggaact 129

<210> 1926
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1926

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr

1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Ser Gly Arg Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 1927
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1927
cctgatcgct tctctggcta caagtctgtc aacacggcct ccctgaccat ctctgggctc 60

caggctgaag atgaggctga ttatttctgc tgctcatatt caggcaggta cacttatgtc 120

ttcggaact 129

<210> 1928
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1928

Pro Asp Arg Phe Ser Gly Tyr Lys Ser Val Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Ser Gly Arg Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 1929

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1929

Cys Ser Tyr Ala Gly Ser Arg Thr Phe Val Phe
1 5 10

<210> 1930
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1930
tctaatcgct tctctggctc caagtctggc atctcggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag aacttttgtc 120

ttcggaact 129

<210> 1931
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1931

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Arg Thr Phe Val Phe Gly Thr
35 40

<210> 1932
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1932
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggttga ttattactgc tgctcatatg caggcagtag aacttttgtc 120

ttcggaact 129

<210> 1933
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1933

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Val Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Arg Thr Phe Val Phe Gly Thr
        35   40

<210> 1934
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1934
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag aacttttgtc 120

ttcggaact 129

<210> 1935
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1935

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Arg Thr Phe Val Phe Gly Thr
35 40

<210> 1936
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1936
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag aacttttgtc 120

ttcggaact 129

<210> 1937
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1937

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Arg Thr Phe Val Phe Gly Thr
35 40

<210> 1938
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1938

Cys Ser Tyr Ala Gly Ser Ser Thr Tyr Tyr Val Phe
1 5 10

<210> 1939
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1939
aatcgcttct ctggctccaa gtctggcgac acggtctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ctattatgtc 120

ttcggaact 129

<210> 1940
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1940

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asp Thr Val Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Tyr Tyr Val Phe Gly Thr
        35   40

<210> 1941
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1941
aatcgcttct ctggctccaa gtctggcaag actgcctccc tgacaatctc tgggctccag   60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ctattatgtc   120

ttcggaact   129

<210> 1942
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1942

Asn Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Tyr Tyr Val Phe Gly Thr
35 40

<210> 1943
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1943
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ctattatgtc 120

ttcggaact 129

<210> 1944
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1944

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Tyr Tyr Val Phe Gly Thr
35 40

<210> 1945
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1945
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ctattatgtc 120

ttcggaact 129

<210> 1946
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1946

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Tyr Tyr Val Phe Gly Thr
35 40

<210> 1947
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1947

Cys Ser Tyr Ala Gly Ser Ser Thr Val Leu Phe
1 5 10

<210> 1948
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1948
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtgcta 120

ttcggcgga 129

<210> 1949
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1949

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Val Leu Phe Gly Gly
        35   40

<210> 1950
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1950
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg gcgaggctga ttattactgc tgctcatatg caggtagtag cactgtgcta 120

ttcggcgga 129

<210> 1951

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1951

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Gly Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Leu Phe Gly Gly
35 40

<210> 1952
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1952
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtgcta 120

ttcggcgga 129

<210> 1953
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1953

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Val Leu Phe Gly Gly
        35   40

<210> 1954
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1954
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtgcta   120

ttcggcgca   129

<210> 1955
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1955

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Val Leu Phe Gly Ala
        35   40

<210> 1956
<211> 11
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1956

Cys Ser Tyr Ala Gly Ser Tyr Thr Leu Leu Phe
1 5 10

<210> 1957
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1957
ctgatccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

cgggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactctgcta 120

ttcggcgga 129

<210> 1958
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1958

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Arg Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Leu Leu Phe Gly Gly
35 40

<210> 1959

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1959
cctgatcgct tctctggctc catgtctggc aacacggcct ccctgacctt ctctgggctc 60

cgggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactctgcta 120

ttcggcgga 129

<210> 1960
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1960

Pro Asp Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Phe Ser Gly Leu Arg Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Leu Leu Phe Gly Gly
35 40

<210> 1961
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1961
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctggtctc 60

cgggctgagg atgagtctga ttattactgc tgctcatatg caggcagcta cactctgcta 120

ttcggcgga 129

<210> 1962
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1962

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Arg Ala Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Leu Leu Phe Gly Gly
35 40

<210> 1963
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1963
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

cgggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactctgcta 120

ttcggcgga 129

<210> 1964
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1964

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Arg Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Leu Leu Phe Gly Gly
        35   40

<210> 1965
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1965

Cys Ser Tyr Ala Gly Ser Ser Thr Leu Glu Phe
1   5   10

<210> 1966
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1966
ttctatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttagag 120

ttcggcgga 129

<210> 1967
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1967

Phe Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Glu Phe Gly Gly
35 40

<210> 1968
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1968
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttagag 120

ttcggcgga 129

<210> 1969
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1969

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Glu Phe Gly Gly

35 40

<210> 1970
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1970
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttagag 120

ttcggcgga 129

<210> 1971
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1971

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Glu Phe Gly Gly
35 40

<210> 1972
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1972

ctaatacgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttagag 120

ttcggcgga 129

<210> 1973
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1973

Cys Ser Tyr Ala Gly Gly Ser Val Val Phe
1 5 10

<210> 1974
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1974
tttcttatcc gcttctctgg ctccaagtct ggcaacacag cctccctgac aatctctggg 60

atccaggctg aggacgaggc tgattattat tgttgttcat atgcaggtgg tagcgtggta 120

ttcggcgga 129

<210> 1975
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1975

Phe Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Ile Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Gly Ser Val Val Phe Gly Gly
        35   40

<210> 1976
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1976
gtttcttatc gcttctctgg ctccaagtct ggcaacacag cctgcctgac aatctctggg 60

atccaggctg aggacgaggc tgattattat tgttgttcat atgcaggtgg tagcgtggta 120

ttcggcgga 129

<210> 1977
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1977

Val Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Cys Leu
1   5   10   15

Thr Ile Ser Gly Ile Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Gly Ser Val Val Phe Gly Gly
        35   40

<210> 1978
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1978
gtttctaatc gcttctctgg ctccaagtct ggcaacacag cctccctgac aatctcttgg 60

atgcaggctg aggacgaggc tgattattat tgttgttcat atgcaggtgg tagcgtggta 120

ttcggcgga 129

<210> 1979
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1979

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Trp Met Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Gly Ser Val Val Phe Gly Gly
35 40

<210> 1980
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1980
gtttctaatc gcttctctgg ctccaagtct ggcaacacag cctccctgac aatctctggg 60

atccaggctg aggacgaggc tgattattat tgttgttcat atgcaggtgg tagcgtggta 120

ttcggcgga 129

<210> 1981
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1981

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Ile Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Gly Ser Val Val Phe Gly Gly
        35   40

<210> 1982
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1982

Cys Ser Tyr Ala Asp Ser Ser Thr Phe Tyr Val Phe
1   5   10

<210> 1983
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1983
aatcgcttct ctggctccat gtctggcaac acggcctccc tgacaatctc tgggctgcag   60

gctgaggacg aggctgatta ttactgttgc tcatatgcag atagtagcac tttctatgtc   120

ttcggaact 129

<210> 1984
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1984

Asn Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Asp Ser Ser Thr Phe Tyr Val Phe Gly Thr
35 40

<210> 1985
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1985
aatcgcttct ctggctccaa gtctgtcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg agtctgatta ttactgttgc tcatatgcag atagtagcac tttctatgtc 120

ttcggaact 129

<210> 1986
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1986

Asn Arg Phe Ser Gly Ser Lys Ser Val Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Asp Ser Ser Thr Phe Tyr Val Phe Gly Thr
        35   40

<210> 1987
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1987
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgttgc tcatatgcag atagtagcac tttctatgtc 120

ttcggaact 129

<210> 1988
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1988

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Asp Ser Ser Thr Phe Tyr Val Phe Gly Thr
        35   40

<210> 1989
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1989
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgttgc tcatatgcag atagtagcac tttctatgtc 120

ttcggaact 129

<210> 1990
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1990

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Asp Ser Ser Thr Phe Tyr Val Phe Gly Thr
35 40

<210> 1991
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1991
tcttatcgct tctctggctc caagtctggc atcacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag tactgtggtt 120

tttggcgga 129

<210> 1992
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1992

Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 1993
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1993
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgactat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag tactgtggtt 120

tttggcgga 129

<210> 1994
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1994

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Val Val Phe Gly Gly
35 40

<210> 1995
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1995
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag tactgtggtt 120

tttggcgga 129

<210> 1996
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1996
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactgtggtt 120

ttcggcggt 129

<210> 1997
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1997

Cys Ser Tyr Ala Gly Ser Ser Ile Val Phe
1 5 10

<210> 1998
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1998
tttctaatcc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcatcgta 120

ttcggcgga 129

<210> 1999
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 1999

Phe Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Ile Val Phe Gly Gly
35 40

<210> 2000

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2000
gtttcttatc gcttctctgg ctccaagtct ggcaactcgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcatcgta 120

ttcggcgga 129

<210> 2001
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2001

Val Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Ile Val Phe Gly Gly
35 40

<210> 2002
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2002
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac tatctctggg 60

ctccaggctg aggtcgaggc tgattattac tgctgctcat atgcaggtag tagcatcgta 120

ttcggcgga 129

<210> 2003
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2003

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Val Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Ile Val Phe Gly Gly
35 40

<210> 2004
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2004
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcatcgta 120

ttcggcgga 129

<210> 2005
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2005

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Ser Ser Ile Val Phe Gly Gly
        35   40

<210> 2006
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2006

Cys Ser Tyr Ala Gly Arg Asp Thr Tyr Val Ala Phe
1   5   10

<210> 2007
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2007
gttcggttct ttggctccaa gtctggcaac tcggcctccc tgaccttctc tgggctccag 60

gctgaggatg aagctgatta ttactgctgc tcatatgcag gcagggacac ttatgtggca 120

ttcggcgga 129

<210> 2008
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2008

Val Arg Phe Phe Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr Phe
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Arg Asp Thr Tyr Val Ala Phe Gly Gly
35 40

<210> 2009
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2009
gatcggttct ttggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aagctgatta ttactgctgc tcatatgcag gcagggacac ttatgtggca 120

ttcggcgga 129

<210> 2010
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2010

Asp Arg Phe Phe Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Arg Asp Thr Tyr Val Ala Phe Gly Gly

35 40

<210> 2011
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2011
gatcggttcg ttggctccaa gtctggcaac acggcctccc cgaccatctc tgggctccag 60

gctgaggatg aagctgatta ttactgctgc tcatatgcag gcagggacac ttatgtggca 120

ttcggcgga 129

<210> 2012
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2012

Asp Arg Phe Val Gly Ser Lys Ser Gly Asn Thr Ala Ser Pro Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Arg Asp Thr Tyr Val Ala Phe Gly Gly
35 40

<210> 2013
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2013

gatcggtcct ttggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgagtatg aagctgatta ttactgctgc tcatatgcag gcagggacac ttatgtggca 120

ttcggcgga 129

<210> 2014
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2014

Asp Arg Ser Phe Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Tyr Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Arg Asp Thr Tyr Val Ala Phe Gly Gly
35 40

<210> 2015
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2015

Cys Ser Tyr Ala Gly Ser Tyr Thr Val Phe
1 5 10

<210> 2016
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2016
gtccctgttc gcttctctgg ctccaagtct ggctacacgg cctccctgac catctctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacacggta 120

ttcggcgga 129

<210> 2017
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2017

Val Pro Val Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Tyr Thr Val Phe Gly Gly
35 40

<210> 2018
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2018
gtccctgttc gcttctctgg ctccaagtct ggcaacacgg cctccccgac catctctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacacggta 120

ttcggcgga 129

<210> 2019
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2019

Val Pro Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Pro
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Tyr Thr Val Phe Gly Gly
35 40

<210> 2020
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2020
gtccctgatc gcttctctgg ctccaagtct ggcatcacgg cctccctgac catctcttgg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacacggta 120

ttcggcgga 129

<210> 2021
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2021

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys

20 25 30

Ser Tyr Ala Gly Ser Tyr Thr Val Phe Gly Gly
35 40

<210> 2022
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2022
gtccctgatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac catctctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacacggta 120

ttcggcgga 129

<210> 2023
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2023

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Tyr Thr Val Phe Gly Gly
35 40

<210> 2024
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2024

Cys Ser Tyr Ala Gly Ser Tyr Ile Pro Val Val Phe
1   5   10

<210> 2025
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2025
gttcgcttct ctggctccaa gtctggcaac tcggcctccc tgaccatctc tgggctccag   60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacat tcctgtggta   120

ttcggcgga   129

<210> 2026
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2026

Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Ile Pro Val Val Phe Gly Gly
        35   40

<210> 2027
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2027
gatcgcttct ctggctgcaa gtctggcaac tcggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacat tcctgtggta 120

ttcggcgga 129

<210> 2028
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2028

Asp Arg Phe Ser Gly Cys Lys Ser Gly Asn Ser Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Ile Pro Val Val Phe Gly Gly
35 40

<210> 2029
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2029
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgtccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacat tcctgtggta 120

ttcggcggt 129

<210> 2030
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2030

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ser Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Ile Pro Val Val Phe Gly Gly
35 40

<210> 2031
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2031
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacat tcctgtggta 120

ttcggcgga 129

<210> 2032
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2032

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile

1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Ile Pro Val Val Phe Gly Gly
35 40

<210> 2033
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2033

Cys Ser Tyr Ala Gly Arg Tyr Thr Leu Val Phe
1 5 10

<210> 2034
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2034
ctgatccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcaggta cactttggta 120

ttcggcgta 129

<210> 2035
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2035

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Arg Tyr Thr Leu Val Phe Gly Val
        35   40

<210> 2036
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2036
cctgatcgct tctctggctc caagtcttgc aacacggcct ccctgaccat ctctgggctc 60

gaggctgagg atgaggctga ttattactgc tgctcatatg caggcaggta cactttggta 120

ttcggcgta 129

<210> 2037
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2037

Pro Asp Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Glu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Arg Tyr Thr Leu Val Phe Gly Val
        35   40

<210> 2038
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2038
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctcttggctc 60

cagtctgagg atgaggctga ttattactgc tgctcatatg caggcaggta cactttggta 120

ttcggcgta 129

<210> 2039
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2039

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Trp Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Arg Tyr Thr Leu Val Phe Gly Val
35 40

<210> 2040
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2040
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcaggta cactttggta 120

ttcggcgta 129

<210> 2041
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2041

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Arg Tyr Thr Leu Val Phe Gly Val
35 40

<210> 2042
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2042

Cys Ser Tyr Ala Gly Ser Ser Thr Phe Leu Phe
1 5 10

<210> 2043
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2043

tcttttcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttttta 120

ttcggcgga 129

<210> 2044
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2044

Ser Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Phe Leu Phe Gly Gly
35 40

<210> 2045
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2045
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttttta 120

ttcggcgga 129

<210> 2046
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2046

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Phe Leu Phe Gly Gly
        35   40

<210> 2047
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2047
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttccta   120

ttcggcgga   129

<210> 2048
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2048
tctaatcgat tctctggctc caagtctggc aacactgcct ccctgacaat ctctgggctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttttta   120

ttcggcgga   129

<210> 2049

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2049

Cys Ser Tyr Ala Gly Ser Ser Thr Ser Val Leu Phe
1 5 10

<210> 2050
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2050
attcgcttct ctggctccaa gtctggcatc acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttccgtgttg 120

ttcggcgga 129

<210> 2051
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2051

Ile Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Val Leu Phe Gly Gly
35 40

<210> 2052
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2052
attcgcttct ctggctccaa gtctggcaac actgcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttccgtgttg 120

ttcggcgga 129

<210> 2053
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2053

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Val Leu Phe Gly Gly
35 40

<210> 2054
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2054
aatcgcttct ctggctgcaa gtctggcacc acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttccgtgttg 120

ttcggcgga 129

<210> 2055
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2055

Asn Arg Phe Ser Gly Cys Lys Ser Gly Thr Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Val Leu Phe Gly Gly
35 40

<210> 2056
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2056
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttccgtgttg 120

ttcggcgga 129

<210> 2057
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2057

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Val Leu Phe Gly Gly
35 40

<210> 2058
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2058

Cys Ala Phe Thr Gly Ser Tyr Glu Val Phe
1 5 10

<210> 2059
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2059
tgcctgatcc gcttctctgg ctccaagtct ggcaacacgg cctccctgac tatctctggg 60

ctccaggctg aggatgaggc tgattattat tgctgcgcgt ttacaggcag ctacgaggtg 120

ttcggcgga 129

<210> 2060
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2060

Cys Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ala Phe Thr Gly Ser Tyr Glu Val Phe Gly Gly
        35   40

<210> 2061
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2061
gtccctgatc gcttctctgg ctccaagtct ggcatctcgg cctccctgac tatctctggg   60

ctccaggctg aggatgaggc tgattattat tgctgcgcgt ttacaggcag ctacgaggtg   120

ttcggcgga   129

<210> 2062
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2062

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Ser Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ala Phe Thr Gly Ser Tyr Glu Val Phe Gly Gly
        35   40

<210> 2063
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2063
gtccctgatc gcttctctgg ctccaagtct ggcaacacgg cctccctgtc tatctctggg 60

ctcgaggctg aggatgaggc tgattattat tgctgcgcgt ttacaggcag ctacgaggtg 120

ttcggcgga 129

<210> 2064
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2064

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1   5   10   15

Ser Ile Ser Gly Leu Glu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ala Phe Thr Gly Ser Tyr Glu Val Phe Gly Gly
        35   40

<210> 2065
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2065
gtccctgatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac tatctctggg 60

ctccaggctg aggatgaggc tgattattat tgctgcgcgt ttacaggcag ctacgaggtg 120

ttcggcgga 129

<210> 2066
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2066

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ala Phe Thr Gly Ser Tyr Glu Val Phe Gly Gly
35 40

<210> 2067
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2067

Cys Ser Tyr Ala Gly Ser Gly Thr Cys Val Phe
1 5 10

<210> 2068
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2068
tctattcgct tctccggctc caagtctggc aactcggcct ccctgacaat ctctgggctc 60

cgggctgagg acgaggctga ttattactgc tgctcatatg caggtagtgg cacctgcgtg 120

ttcggcgga 129

<210> 2069
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2069

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Arg Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Gly Thr Cys Val Phe Gly Gly
        35   40

<210> 2070
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2070
tctattcgct tctccggctc caagtctggc aacacggcct ccctgagaat ctctgggctc 60

cgggctgagg acgaggctga ttattactgc tgctcatatg caggtagtgg cacctgcgtg 120

ttcggcgga 129

<210> 2071

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2071

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Arg
1 5 10 15

Ile Ser Gly Leu Arg Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Gly Thr Cys Val Phe Gly Gly
35 40

<210> 2072
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2072
tctaatcgct tctccggctc caagtctggg aactcggcct ccctgacaat ctctgggctc 60

cgggctgagg acgaggctga ttattactgc tgctcatatg caggtagtgg cacctgcgtg 120

ttcggcgga 129

<210> 2073
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2073

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Arg Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Gly Thr Cys Val Phe Gly Gly
        35   40

<210> 2074
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2074
tctaatcgct tctccggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

cgggctgagg acgaggctga ttattactgc tgctcatatg caggtagtgg cacctgcgtg 120

ttcggcgga 129

<210> 2075
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2075

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Arg Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Gly Thr Cys Val Phe Gly Gly
        35   40

<210> 2076
<211> 13
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2076

Cys Ser Tyr Ala Gly Ser Tyr Thr Leu Ser Val Val Phe
1 5 10

<210> 2077
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2077
cgcttctctg gctccaagtc tggcaactcg gcctccctga ccatctctgg gctcctggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt aagtgtggta 120

ttcggcgga 129

<210> 2078
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2078

Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Leu Ser Val Val Phe Gly Gly
35 40

<210> 2079

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2079
cgcttctctg gctccaagtc tggcaacacg gcctccctga ccgtctctgg gctccaggct 60

gaggatgggg ctgattatta ctgctgctca tatgcaggca gctacacttt aagtgtggta 120

ttcggcgga 129

<210> 2080
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2080

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Val Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Gly Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Leu Ser Val Val Phe Gly Gly
35 40

<210> 2081
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2081
cgcttctctg gctccaagtc tggcaacacg gcctccctga ccatctctgg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt aagtgtggta 120

ttcggcgga 129

<210> 2082
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2082

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Leu Ser Val Val Phe Gly Gly
35 40

<210> 2083
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2083
tcgcttctct ggctccaagt ctggcaacac ggcctccctg accatctctg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt aagtgtggta 120

ttcggcgga 129

<210> 2084
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2084

Ser Leu Leu Trp Leu Gln Val Trp Gln His Gly Leu Pro Asp His Leu
1   5   10   15

Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
            20   25   30

Gly Ser Tyr Thr Leu Ser Val Val Phe Gly Gly
        35   40

<210> 2085
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2085

Cys Ser Tyr Ala Ala Ser Tyr Thr Val Val Phe
1   5   10

<210> 2086
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2086
cctgatcgct tctctggctc caagtctggc atcacggcct ccctgaccat ctctgggctc   60

caggctgagg atgaggctga ttattactgc tgctcatatg cagccagcta caccgttgta   120

ttcggcgga   129

<210> 2087
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2087

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Ala Ser Tyr Thr Val Val Phe Gly Gly
35 40

<210> 2088
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2088
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg cagccagcta caccgtggta 120

ttcggcgga 129

<210> 2089
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2089

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Ala Ser Tyr Thr Val Val Phe Gly Gly

35 40

<210> 2090
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2090
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaagctga ttactactgc tgctcatatg cagccagcta caccgtggta 120

ttcggcgga 129

<210> 2091
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2091
cctgatcgct tctctggcgc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg cagccagtta caccgtggta 120

ttcggcgga 129

<210> 2092
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2092

Pro Asp Arg Phe Ser Gly Ala Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Ala Ser Tyr Thr Val Val Phe Gly Gly
35 40

<210> 2093
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2093

Cys Ser Tyr Ala Gly Ser Tyr Thr Tyr Tyr Val Phe
1 5 10

<210> 2094
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2094
gatcgcttct ctggctccat gtctggcaac acggcctccc tgaccatctc ttggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ctattatgtc 120

ttcggaact 129

<210> 2095
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2095

Asp Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Tyr Tyr Val Phe Gly Thr
        35   40

<210> 2096
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2096
gatcgcttct ctggctccaa gtctggcatc acggcctccc tgacgatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ctattatgtc 120

ttcggaact 129

<210> 2097
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2097

Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Tyr Tyr Val Phe Gly Thr
        35   40

<210> 2098
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2098
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ctattatgtc 120

ttcggaact 129

<210> 2099
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2099

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Tyr Tyr Val Phe Gly Thr
35 40

<210> 2100
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2100
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ctattatgtc 120

ttcggaact 129

<210> 2101
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2101

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Tyr Tyr Val Phe Gly Thr
        35   40

<210> 2102
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2102

Cys Ser Tyr Ala Gly Ser Ser Thr Phe Pro Val Val Phe
1   5   10

<210> 2103
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2103
cgcttctctg tctccaagtc tgtcaacacg gcctccctga caatctctgg gctccaggct   60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt ccctgtggta   120

ttcggcgga 129

<210> 2104
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2104

Arg Phe Ser Val Ser Lys Ser Val Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Pro Val Val Phe Gly Gly
35 40

<210> 2105
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2105
cgcttctctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt ccctgtggta 120

ttcggcgga 129

<210> 2106
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2106

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
            20 25 30

Gly Ser Ser Thr Phe Pro Val Val Phe Gly Gly
        35 40

<210> 2107
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2107
cgcttccctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt ccctgtggta 120

ttcggccga 129

<210> 2108
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2108

Arg Phe Pro Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
            20 25 30

Gly Ser Ser Thr Phe Pro Val Val Phe Gly Arg
        35 40

<210> 2109
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2109
tcgcttctct gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt ccctgtggta 120

ttcggcgga 129

<210> 2110
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2110

Ser Leu Leu Cys Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Pro Val Val Phe Gly Gly
35 40

<210> 2111
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2111

Cys Ser Tyr Ala Gly Pro Ser Thr Leu Val Phe

1 5 10

<210> 2112
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2112
tcttatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

ctggctgaag acgaggctga ttattactgc tgctcatatg caggtcctag cactttggtt 120

ttcggcgga 129

<210> 2113
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2113

Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Pro Ser Thr Leu Val Phe Gly Gly
35 40

<210> 2114
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2114

tctattcgct tctctggctc caagtctggc aactcggcct ccctgacaat ctctgggctc 60

caggctgaag acgaggctga ttattactgc tgctcatatg caggtcctag cactttggtt 120

ttcggcgga 129

<210> 2115
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2115

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Pro Ser Thr Leu Val Phe Gly Gly
35 40

<210> 2116
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2116
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgactat ctctgggctc 60

caggctgaag acgaggctga ttattactgc tgctcatatg caggtcctag cactttggtt 120

ttcggcgga 129

<210> 2117
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2117

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Pro Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 2118
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2118
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc   60

caggctgaag acgaggctga ttattactgc tgctcatatg caggtcctag cactttggtt   120

ttcggcgga   129

<210> 2119
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2119

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Pro Ser Thr Leu Val Phe Gly Gly
        35   40

<210> 2120
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2120

Cys Ser Tyr Ala Gly Ser Pro Tyr Val Phe
1   5   10

<210> 2121
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2121
tttctaatcc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg   60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tccttatgtc   120

ttcggaact   129

<210> 2122
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2122

Phe Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys

20 25 30

Ser Tyr Ala Gly Ser Pro Tyr Val Phe Gly Thr
35 40

<210> 2123
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2123
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tccttatgtc 120

ttcggaact 129

<210> 2124
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2124

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Pro Tyr Val Phe Gly Thr
35 40

<210> 2125
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2125
gttctaatcc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tccttatgtc 120

ttcggaact 129

<210> 2126
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2126

Val Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Ser Pro Tyr Val Phe Gly Thr
        35   40

<210> 2127
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2127
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggcag tccttatgtc 120

ttcggaact 129

<210> 2128

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2128

Cys Ser Tyr Ala Gly Ser Tyr Ser Trp Val Phe
1 5 10

<210> 2129
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2129
cctgatcgct tctctggctc caagtctggc atctcggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctcctgggtg 120

ttcggcgga 129

<210> 2130
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2130

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Trp Val Phe Gly Gly
35 40

<210> 2131
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2131
cctgatcgct tctctggctc caagtctggc agcatggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctcctgggtg 120

ttcggcgga 129

<210> 2132
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2132

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ser Met Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Trp Val Phe Gly Gly
35 40

<210> 2133
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2133
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctcctgggtg 120

ttcggcgga 129

<210> 2134
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2134

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Trp Val Phe Gly Gly
35 40

<210> 2135
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2135
cctgaccgct tctctggctc caagtctgac aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctcctgggtg 120

ttcggcgga 129

<210> 2136
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2136

Pro Asp Arg Phe Ser Gly Ser Lys Ser Asp Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Trp Val Phe Gly Gly
35 40

<210> 2137
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2137

Cys Ser Tyr Ala Gly Asp Ser Phe Pro Tyr Val Phe
1 5 10

<210> 2138
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2138
aatcgcttct ctggctccat gtctggcatc acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtgatagctt cccttatgtc 120

ttcggaact 129

<210> 2139
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2139

Asn Arg Phe Ser Gly Ser Met Ser Gly Ile Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Asp Ser Phe Pro Tyr Val Phe Gly Thr
        35   40

<210> 2140
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2140
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag   60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtgatagctt cccttatgtc   120

ttcggaact   129

<210> 2141
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2141

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Asp Ser Phe Pro Tyr Val Phe Gly Thr
35 40

<210> 2142
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2142
aatcgattct ctggctccaa gtctggaaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtgatagctt cccttatgtc 120

ttcggaact 129

<210> 2143
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2143
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtgatagctt cccttatgtc 120

ttcggaact 129

<210> 2144
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2144

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Asp Ser Phe Pro Tyr Val Phe Gly Thr
        35   40

<210> 2145
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2145

Cys Ser Tyr Ala Gly Ser Thr Thr Phe Val Leu Phe
1   5   10

<210> 2146
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2146
tatcgcttct ctggctccaa gtctggcatc acggcctccc tgaaattctc tggactccag   60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtaccac tttcgttcta   120

ttcggcgga   129

<210> 2147
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2147

Tyr Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Lys Phe

1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Thr Thr Phe Val Leu Phe Gly Gly
35 40

<210> 2148
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2148
tatcgcttct ctggctccaa gtctggcaac acggcctccc tgaaaatctc tggactccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtaccac tttcgttcta 120

ttcggcgga 129

<210> 2149
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2149

Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Lys Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Thr Thr Phe Val Leu Phe Gly Gly
35 40

<210> 2150

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2150
tatcgattct ctggctccaa gtctggcaac acggcctccc tgataatctc tggactccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtaccac tttcgttcta 120

ttcggcgga 129

<210> 2151
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2151

Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ile Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Thr Thr Phe Val Leu Phe Gly Gly
35 40

<210> 2152
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2152
atacgcttct ctggctccaa gtctggcaac acggcctccc tgaaaatctc tggactccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtaccac tttcgttcta 120

ttcggcgga 129

<210> 2153
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2153

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Lys Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Thr Thr Phe Val Leu Phe Gly Gly
35 40

<210> 2154
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2154

Cys Ser Tyr Ala Gly Ser Tyr Thr Leu Phe
1 5 10

<210> 2155
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2155
gtccctgatc gcttctctgg ctccaagtct ggctacacgg cctccctgac gatctctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacacttta 120

ttcggcgga 129

<210> 2156
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2156

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Tyr Thr Leu Phe Gly Gly
35 40

<210> 2157
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2157
gtccctgatc gcttctctgg ctccaagtct ggcatcacgg cctccctgac catctctggg 60

ctccagtctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacacttta 120

ttcggcgga 129

<210> 2158
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2158

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Tyr Thr Leu Phe Gly Gly
35 40

<210> 2159
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2159
gtccctgatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac catctcttgg 60

ctccagtctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacacttta 120

ttcggcgga 129

<210> 2160
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2160

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

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

Ser Tyr Ala Gly Ser Tyr Thr Leu Phe Gly Gly

35 40

<210> 2161
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2161
gtccctgatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac catctctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctacacttta 120

ttcggcgga 129

<210> 2162
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2162

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Tyr Thr Leu Phe Gly Gly
35 40

<210> 2163
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2163

Cys Ser Tyr Ala Gly Ser Ser Thr Phe Glu Val Phe
1 5 10

<210> 2164
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2164
tatcgcttct ctggctccaa gtctggcatc acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgaggtc 120

ttcggaact 129

<210> 2165
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2165

Tyr Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20 25 30

Ala Gly Ser Ser Thr Phe Glu Val Phe Gly Thr
        35 40

<210> 2166
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2166
aatcgcttct ctggctccaa gtctggcaag acggcctgcc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgaggtc 120

ttcggaact 129

<210> 2167
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2167

Asn Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Cys Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Glu Val Phe Gly Thr
35 40

<210> 2168
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2168
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagtac tttcgaagtc 120

ttcggaact 129

<210> 2169
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2169

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Phe Glu Val Phe Gly Thr
        35   40

<210> 2170
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2170
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag   60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgaggtc   120

ttcggaact   129

<210> 2171
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2171

Cys Ser Tyr Ala Gly Thr Tyr Thr Tyr Val Phe
1   5   10

<210> 2172

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2172
ctgatccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcaccta cacttacgtc 120

ttcggaact 129

<210> 2173
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2173

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Thr Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 2174
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2174
cctgatcgct tctctggctc caagtctggc tacacggcct ccctgaccat ctctgtgctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcaccta cacttacgtc 120

ttcggaact 129

<210> 2175
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2175

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Thr Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 2176
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2176
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcaccta cacttacgtc 120

ttcggaact 129

<210> 2177
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2177

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Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1               5                   10                  15


Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20                  25                  30


Tyr Ala Gly Thr Tyr Thr Tyr Val Phe Gly Thr
        35                  40


<210>  2178
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  2178
cctgatcgct tctctggccc caagtctggc aacacggcct cgctgaccat ctctgggctc       60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcaccta cacttacgtc      120

ttcggaact                                                              129


<210>  2179
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  2179

Pro Asp Arg Phe Ser Gly Pro Lys Ser Gly Asn Thr Ala Ser Leu Thr
1               5                   10                  15


Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20                  25                  30


Tyr Ala Gly Thr Tyr Thr Tyr Val Phe Gly Thr
        35                  40
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<210> 2180
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2180

Cys Ser Tyr Ala Gly Ser Tyr Thr Phe Lys Val Phe
1 5 10

<210> 2181
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2181
gatcgcttct ctggctccaa gtcttgcaac acggcctccc tgaccatctc tgggctccag 60

gctgagtatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcaaggta 120

ttcggcgga 129

<210> 2182
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2182

Asp Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Tyr Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Lys Val Phe Gly Gly

35 40

<210> 2183
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2183
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcaaggta 120

ttcggcgga 129

<210> 2184
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2184

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Lys Val Phe Gly Gly
35 40

<210> 2185
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2185

gttcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcaaggta 120

ttcggcgga 129

<210> 2186
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2186

Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Phe Lys Val Phe Gly Gly
35 40

<210> 2187
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2187
atccgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac tttcaaggta 120

ttcggcgga 129

<210> 2188
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2188

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Tyr Thr Phe Lys Val Phe Gly Gly
        35   40

<210> 2189
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2189

Cys Ser Tyr Thr Val Ser Ser Thr Tyr Leu Phe
1   5   10

<210> 2190
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2190
tctagtcgct tctcttgctc caagtctgcc gacacggcct ccctgtccat ctctgggctg   60

caggctgagg acgaggctga ttattactgc tgctcatata cagttagcag cacttatctc   120

ttcggcact   129

<210> 2191
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2191

Ser Ser Arg Phe Ser Cys Ser Lys Ser Ala Asp Thr Ala Ser Leu Ser
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Thr Val Ser Ser Thr Tyr Leu Phe Gly Thr
35 40

<210> 2192
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2192
tctagtcgct tctctggctc caagtctgcc gacacggcct ccctgaccat ctctgggctg 60

caggctgagg acgaggctga ttattactgc tgctcatata cagttagcag cacttatctc 120

ttcggcact 129

<210> 2193
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2193

Ser Ser Arg Phe Ser Gly Ser Lys Ser Ala Asp Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Thr Val Ser Ser Thr Tyr Leu Phe Gly Thr
35 40

<210> 2194
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2194
tctagtcgct tctctggctc caagtcagcc gacacggcct ccctgaccat ctctgggctc 60

caggctgaag acgaagctga ttattactgc tgctcatata cagttagtag cacttatctc 120

ttcggcact 129

<210> 2195
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2195

Cys Ser Phe Glu Gly Ser Ser Thr Leu Trp Val Phe
1 5 10

<210> 2196
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2196
attcgtttct ctggctccaa gtccggcaac acggcctccc tgacaatctc tgtgctccag 60

gctgaggacg gggctgatta ttactgctgc tcgtttgaag gtagcagcac tctttgggtg 120

ttcggcgga 129

<210> 2197
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2197

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Val Leu Gln Ala Glu Asp Gly Ala Asp Tyr Tyr Cys Cys Ser Phe
20 25 30

Glu Gly Ser Ser Thr Leu Trp Val Phe Gly Gly
35 40

<210> 2198
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2198
attcgtttct ctggctccaa gtccggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg tggctgatta ttactgctgc tcgtttgaag gtagcagcac tctttgggtg 120

ttcggcgga 129

<210> 2199
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2199

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Val Ala Asp Tyr Tyr Cys Cys Ser Phe
            20   25   30

Glu Gly Ser Ser Thr Leu Trp Val Phe Gly Gly
        35   40

<210> 2200
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2200
aatcgtttct ctggctccaa gtccggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg gggctgatta ttactgctgc tcgtttgaag gtagcagcac tctttgggtg 120

ttcggcgga 129

<210> 2201
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2201

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Gly Ala Asp Tyr Tyr Cys Cys Ser Phe
            20   25   30

Glu Gly Ser Ser Thr Leu Trp Val Phe Gly Gly
        35   40

<210> 2202
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2202

Cys Ser Tyr Ala Gly Ser Ser Thr Pro Phe
1   5   10

<210> 2203
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2203
tttctaatcc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg   60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcactccc   120

ttcggaact   129

<210> 2204
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2204

Phe Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Ser Ser Thr Pro Phe Gly Thr

35 40

<210> 2205
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2205
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac tatctctggg 60

ctcctggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcactccc 120

ttcggaact 129

<210> 2206
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2206

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Thr Pro Phe Gly Thr
35 40

<210> 2207
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2207

gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagcactccc 120

ttcggaact 129

<210> 2208
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2208

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Thr Pro Phe Gly Thr
35 40

<210> 2209
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2209

Cys Ser Tyr Ala Gly Arg Asp Val Phe
1 5

<210> 2210
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2210
ggtgtttcta atcgcttctc tgtctccaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagggatgtc 120

ttcggaact 129

<210> 2211
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2211

Gly Val Ser Asn Arg Phe Ser Val Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Arg Asp Val Phe Gly Thr
35 40

<210> 2212
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2212
ggtgtttcta atcgcttctc tggctccaag tctggcaaca cggcctccct gactatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagggatgtc 120

ttcggaact 129

<210> 2213
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2213

Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1   5   10   15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
            20   25   30

Cys Ser Tyr Ala Gly Arg Asp Val Phe Gly Thr
        35   40

<210> 2214
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2214
ggggtttcta atcgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct   60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagggatgtc   120

ttcggaact   129

<210> 2215
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2215

Cys Ser Tyr Ala Gly Ser Tyr Thr Val Ile Phe
1   5   10

<210> 2216

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2216
cctgatcgct tctctggctc caagtctggc aactcggcct ccctgacgat ctctgggctc 60

caggctgagg atgaagctga ttattactgc tgctcatatg caggcagcta cactgtgata 120

ttcggcgga 129

<210> 2217
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2217

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Val Ile Phe Gly Gly
35 40

<210> 2218
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2218
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgtgctc 60

catgctgagg atgaagctga ttattactgc tgctcatatg caggcagcta cactgtgata 120

ttcggcgga 129

<210> 2219
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2219

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Val Leu His Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Val Ile Phe Gly Gly
35 40

<210> 2220
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2220
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaagctga ttattactgc tgctcatatg caggcagcta cactgtgata 120

ttcggcgga 129

<210> 2221
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2221

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Val Ile Phe Gly Gly
        35   40

<210> 2222
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2222

Cys Ser Tyr Ala Gly Thr Tyr Val Val Phe
1   5   10

<210> 2223
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2223
gtttcgtatc gcttctctgg ctctaagtct ggctacacgg cctccctgac aatctcttgg 60

ctccaggctg aggacgaggc tgattattcc tgctgctcat atgcaggtac ttatgtggtc 120

ttcggcgga 129

<210> 2224
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2224

Val Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu
1 5 10 15

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

Ser Tyr Ala Gly Thr Tyr Val Val Phe Gly Gly
35 40

<210> 2225
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2225
gtttcgaatc gcttctctgg ctctaagtct ggctacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattcc tgctgctcat atgcaggtac ttatgtggtc 120

ttcggcgga 129

<210> 2226
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2226

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Ser Cys Cys
20 25 30

Ser Tyr Ala Gly Thr Tyr Val Val Phe Gly Gly

35 40

<210> 2227
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2227
gtttcgaatc gcttctctgg ctctaagtct ggctacacgg cctccctgac aacctctggg 60

ctccaggctg aggacgaggc tgattattcc cgctgctcat atgcaggtac ttatgtggtc 120

ttcggcgga 129

<210> 2228
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2228

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu
1 5 10 15

Thr Thr Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Ser Arg Cys
20 25 30

Ser Tyr Ala Gly Thr Tyr Val Val Phe Gly Gly
35 40

<210> 2229
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2229

Cys Ser Tyr Ala Gly Ser Ser Ser Phe Phe
1 5 10

<210> 2230
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2230
tttctaatcc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagctctttc 120

ttcggaact 129

<210> 2231
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2231

Phe Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Ser Phe Phe Gly Thr
35 40

<210> 2232
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2232
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctgctggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagctctttc 120

ttcggaact 129

<210> 2233
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2233

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Ser Phe Phe Gly Thr
35 40

<210> 2234
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2234
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagctctttc 120

ttcggaact 129

<210> 2235
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2235

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Ser Ser Ser Phe Phe Gly Thr
        35   40

<210> 2236
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2236

Cys Ser Tyr Ala Gly Ser Ser Thr Ser Tyr Val Phe
1   5   10

<210> 2237
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2237
aatcgcttct ctggctctaa gtctggcaac acagcctccc tgacaatctc tgggctccag   60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttcttatgtc   120

ttcggaact   129

<210> 2238

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2238

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Tyr Val Phe Gly Thr
35 40

<210> 2239
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2239
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttcttatgtc 120

ttcggaact 129

<210> 2240
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2240
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttcttatgtc 120

ttcggaact 129

<210> 2241
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2241

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Tyr Val Phe Gly Thr
35 40

<210> 2242
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2242

Cys Ser Tyr Ala Gly Ser Ser Tyr Val Phe
1 5 10

<210> 2243
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2243
gtccctgttc gcttctctgg ctccaagtct ggcaacacgg cctccctgac catgtctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctcttatgtc 120

ttcggaact 129

<210> 2244
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2244

Val Pro Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Met Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Tyr Val Phe Gly Thr
35 40

<210> 2245
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2245
gtccctgatc gcttgtctgg ctccatgtct ggcaacacgg cctccctgac catctctggg 60

ctccagtctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctcttatgtc 120

ttcggaact 129

<210> 2246
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2246

Val Pro Asp Arg Leu Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Tyr Val Phe Gly Thr
35 40

<210> 2247
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2247
gtccctgatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac catctctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atgcaggcag ctcttatgtc 120

ttcggaact 129

<210> 2248
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2248

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Tyr Val Phe Gly Thr

35 40

<210> 2249
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2249

Cys Ser Tyr Ala Gly Ser Ser Pro Val Phe
1 5 10

<210> 2250
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2250
gtttctaatc tcttctctgg ctccaagtct ggctacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagccctgta 120

ttcggcgga 129

<210> 2251
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2251

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

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Pro Val Phe Gly Gly
35 40

<210> 2252
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2252
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagccctgta 120

ttcggcgga 129

<210> 2253
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2253

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Pro Val Phe Gly Gly
35 40

<210> 2254
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2254
ggtttctatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattattac tgctgctcat atgcaggtag tagccctgta 120

ttcggcgga 129

<210> 2255
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2255

Gly Phe Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Pro Val Phe Gly Gly
35 40

<210> 2256
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2256

Cys Ser Tyr Ala Gly Asn Ser Tyr Val Phe
1 5 10

<210> 2257
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2257
gtcgctgatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac catctctggg 60

ctcgaggctg acgatgaggc tgattattac tgctgctcat atgcaggcaa ctcttatgtc 120

ttcggaact 129

<210> 2258
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2258

Val Ala Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Glu Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Asn Ser Tyr Val Phe Gly Thr
        35   40

<210> 2259
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2259
gtccctgatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac catctctggg 60

ctccaggctg acgatgaggc tgattattac tgctgctcat atgcaggcaa ctcttatgtc 120

ttcggaact 129

<210> 2260

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2260

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Asn Ser Tyr Val Phe Gly Thr
35 40

<210> 2261
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2261
gtacctgatc gcttctctgg ctccaagtct ggcaactcgg cctccctgac catctctggg 60

ctccaggctg acgatgaggc tgattattac tgctgctcat atgcaggcaa ctcttatgtc 120

ttcggaact 129

<210> 2262
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2262

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Asn Ser Tyr Val Phe Gly Thr
35 40

<210> 2263
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2263

Cys Ser Tyr Ala Gly Ser Tyr Thr Phe
1 5

<210> 2264
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2264
agggtccctg atcgcttctc tggctccaag tctggcaaca cggcctccct gaccatctct 60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cagctacact 120

ttcggcgga 129

<210> 2265
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2265

Arg Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser

1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Tyr Thr Phe Gly Gly
35 40

<210> 2266
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2266
ggggtccctg atcgcttctc tggctccaag tctggcaact cggcctccct gagcatctct 60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cagctacact 120

ttcggcgga 129

<210> 2267
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2267

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser
1 5 10 15

Leu Ser Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Tyr Thr Phe Gly Gly
35 40

<210> 2268

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2268
ggggtccctg atcgcttctc tggctccaag tctggcaaca cggcctccct gaccatctct 60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cagctacact 120

ttcggcgga 129

<210> 2269
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2269

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Ser Tyr Thr Phe Gly Gly
35 40

<210> 2270
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2270

Cys Ser Tyr Ala Gly Ser Tyr Ser Met Ile Phe
1 5 10

<210> 2271
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2271
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cagtatgata 120

ttcggcgga 129

<210> 2272
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2272

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Met Ile Phe Gly Gly
35 40

<210> 2273
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2273
cctaatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cagcatgata 120

ttcggcgga 129

<210> 2274
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2274

Pro Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Met Ile Phe Gly Gly
35 40

<210> 2275
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2275
ccgtttcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cagtatgata 120

ttcggcgga 129

<210> 2276
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2276

Pro Phe Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Met Ile Phe Gly Gly
35 40

<210> 2277
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2277

Cys Ser Tyr Ala Gly Ser Ser Thr Ser Val Phe
1 5 10

<210> 2278
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2278
ttctatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttccgta 120

ttcggcgga 129

<210> 2279
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2279

Phe Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Ser Val Phe Gly Gly
        35   40

<210> 2280
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2280
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttccgta   120

ttcggcgga   129

<210> 2281
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2281

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Ser Val Phe Gly Gly
35 40

<210> 2282
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2282
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacttccgta 120

ttcggcgga 129

<210> 2283
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2283

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Ser Val Phe Gly Gly
35 40

<210> 2284
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2284

Cys Ser Tyr Ala Val Thr Asn Ser Phe Leu Phe
1 5 10

<210> 2285
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2285
cctgttcgct tctctggctc caagtctggc aactcggcct ccctgaccat ctctgggctc 60

caggctgaag atgaggctga ttattactgc tgctcatatg cagtcaccaa cagttttctc 120

ttcggaact 129

<210> 2286
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2286

Pro Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Val Thr Asn Ser Phe Leu Phe Gly Thr
35 40

<210> 2287
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2287
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctcttggctc 60

cagtctgaag atgaggctga ttattactgc tgctcatatg cagtcaccaa cagttttctc 120

ttcggaact 129

<210> 2288
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2288

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Trp Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Val Thr Asn Ser Phe Leu Phe Gly Thr
        35   40

<210> 2289
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2289
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgaag atgaggctga ttattactgc tgctcatatg cagtcaccaa cagttttctc 120

ttcggaact 129

<210> 2290

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2290

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Val Thr Asn Ser Phe Leu Phe Gly Thr
35 40

<210> 2291
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2291

Cys Ser Tyr Ser Ser Ser Ser Thr Leu Val Val Phe
1 5 10

<210> 2292
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2292
tatcgattct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatattcaa gcagcagcac tctcgtagta 120

ttcggcgga 129

<210> 2293
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2293

Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ser Ser Ser Ser Thr Leu Val Val Phe Gly Gly
35 40

<210> 2294
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2294
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatattcaa gcagcagcac tctcgtagta 120

ttcggcgga 129

<210> 2295
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2295

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile

1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ser Ser Ser Ser Thr Leu Val Val Phe Gly Gly
35 40

<210> 2296
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2296
attcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatattcaa gcagcagcac tctcgtagta 120

ttcggcgga 129

<210> 2297
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2297

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ser Ser Ser Ser Thr Leu Val Val Phe Gly Gly
35 40

<210> 2298

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2298
tctggtcgct tgtctggctc caagtcttgc tacacggcct ccctgacaat ctctgggctc 60

caggcagagg acgaggctga ttattactgc tgctcatatg caggcagtag cactttgttg 120

ttcggcgga 129

<210> 2299
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2299

Ser Gly Arg Leu Ser Gly Ser Lys Ser Cys Tyr Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Leu Phe Gly Gly
35 40

<210> 2300
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2300
tctggtcgct tgtctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggcagagg acgaggctga ttattactgc tgctcatatg caggcagtag cactttgttg 120

ttcggcgga 129

<210> 2301
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2301

Ser Gly Arg Leu Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Leu Leu Phe Gly Gly
35 40

<210> 2302
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2302
tctggtcgct tgtctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggcagagg acgaggctga ttattactgc tgctcatatg caggcagcag cactttgttg 120

ttcggccga 129

<210> 2303
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2303

Ser Gly Arg Leu Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Leu Leu Phe Gly Arg
        35   40

<210> 2304
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2304

Cys Ser Tyr Gly Asp Thr Ser Pro Val Ile Phe
1   5   10

<210> 2305
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2305
tctgatcgct tctctgtctc caagtctggc aatacggcct cccttgcaat ctcttggctc 60

cagactgagg acgaggctga ttatttctgc tgctcatatg gagatactag ccccgtgata 120

ttcggcgga 129

<210> 2306
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2306

Ser Asp Arg Phe Ser Val Ser Lys Ser Gly Asn Thr Ala Ser Leu Ala
1 5 10 15

Ile Ser Trp Leu Gln Thr Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Gly Asp Thr Ser Pro Val Ile Phe Gly Gly
35 40

<210> 2307
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2307
tctgatcgct tctctggctc caagtctggc aatacggcct ccctggcaat ctctgggctc 60

cagactgagg acgaggctga ttatttctgc tgctcatatg gagatactag ccccgtgata 120

ttcggcgga 129

<210> 2308
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2308

Ser Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ala
1 5 10 15

Ile Ser Gly Leu Gln Thr Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Gly Asp Thr Ser Pro Val Ile Phe Gly Gly

35 40

<210> 2309
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2309
ctgatccgct tctctggctc caagtctggc aatacggcct ccctggcaat ctctgggctc 60

cagactgagg acgaggctga ttatttctgc tgctcatatg gagatactag ccccgtgata 120

ttcggcgga 129

<210> 2310
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2310

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ala
1 5 10 15

Ile Ser Gly Leu Gln Thr Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Gly Asp Thr Ser Pro Val Ile Phe Gly Gly
35 40

<210> 2311
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2311

Cys Ser Tyr Ala Thr Gly Phe Tyr Val Phe
1 5 10

<210> 2312
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2312
ttttctaatc gcttctctgg ctccaagtct gacaacacgg cctccctgac aatctctggg 60

ctccagactg aggacgaggc tgactatcac tgctgctcat atgcaactgg tttttatgtc 120

ttcggagct 129

<210> 2313
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2313

Phe Ser Asn Arg Phe Ser Gly Ser Lys Ser Asp Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Thr Glu Asp Glu Ala Asp Tyr His Cys Cys
            20 25 30

Ser Tyr Ala Thr Gly Phe Tyr Val Phe Gly Ala
        35 40

<210> 2314
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2314
atttctaatc gcttctctgg ctccaagtct gacaacacgg cctccctgac aatctctggg 60

ctccagactg aggacgaggc tgactatcac tgctgctcat atgcaactgg tttttatgtc 120

ttcggagct 129

<210> 2315
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2315

Ile Ser Asn Arg Phe Ser Gly Ser Lys Ser Asp Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Thr Glu Asp Glu Ala Asp Tyr His Cys Cys
20 25 30

Ser Tyr Ala Thr Gly Phe Tyr Val Phe Gly Ala
35 40

<210> 2316
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2316
atatctactc gcttctctgg ctccaagtct gacaacacgg cctccctgac aatctctggg 60

ctccagactg aggacgaggc tgactatcac tgctgctcat atgcaactgg tttttatgtc 120

ttcggagct 129

<210> 2317
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2317

Ile Ser Thr Arg Phe Ser Gly Ser Lys Ser Asp Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Thr Glu Asp Glu Ala Asp Tyr His Cys Cys
20 25 30

Ser Tyr Ala Thr Gly Phe Tyr Val Phe Gly Ala
35 40

<210> 2318
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2318

Cys Ser Tyr Ala Gly Ser Ser Ser Tyr Val Val Phe
1 5 10

<210> 2319
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2319
tatcgcttct ctggctccaa gtctggcaac acggcctccc tgactatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagctc atatgtggta 120

ttcggcgga 129

<210> 2320

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2320

Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Ser Tyr Val Val Phe Gly Gly
35 40

<210> 2321
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2321
aatcgcttct ctggctccat gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagctc ttatgtggta 120

ttcggcgga 129

<210> 2322
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2322

Asn Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Ser Tyr Val Val Phe Gly Gly
        35   40

<210> 2323
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2323
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgtcaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagctc ttatgtggta 120

ttcggcgga 129

<210> 2324
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2324

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ser Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Ser Tyr Val Val Phe Gly Gly
        35   40

<210> 2325
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2325

Cys Ser Tyr Ala Gly Asn Leu Trp Leu Phe
1 5 10

<210> 2326
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2326
gtccctgatc gcttctctgg ctcgaagtct ggcaacacgg cctccctgac catctcttgg 60

ctccaggctg aggatgaggc tgattattac tgttgctcat atgcaggcaa cctctggctg 120

ttcggcgga 129

<210> 2327
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2327

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

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

Ser Tyr Ala Gly Asn Leu Trp Leu Phe Gly Gly
35 40

<210> 2328

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2328
gtccctgatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac catctctggg 60

ctccaggctg aggatgaggc tgattattac tgttgctcat atgcaggcaa cctctggctg 120

ttcggcgga 129

<210> 2329
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2329

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Asn Leu Trp Leu Phe Gly Gly
35 40

<210> 2330
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2330
ggccctgatc gcttctctgg ctccaaggct ggcaacacgg cctccctgac catctctggg 60

ctccaggctg aggatgaggc tgattattac tgttgctcat atgcaggcaa cctctggctg 120

ttcggcgga 129

<210> 2331
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2331

Gly Pro Asp Arg Phe Ser Gly Ser Lys Ala Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Asn Leu Trp Leu Phe Gly Gly
35 40

<210> 2332
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2332

Cys Ser Tyr Ala Gly Thr Val Val Phe
1 5

<210> 2333
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2333
ggtgtccctg atcgcttctc tggctccaag tctggcaaca cggcctccct gaccatctct 60

tggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cactgtggta 120

ttcggcgga 129

<210> 2334
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2334

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

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

Cys Ser Tyr Ala Gly Thr Val Val Phe Gly Gly
35 40

<210> 2335
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2335
ggggtccctg atcgcttctc tggctccaag tctggcaaca cggcctccct gaccatctct 60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cactgtggta 120

ttcggcgga 129

<210> 2336
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2336

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Thr Val Val Phe Gly Gly
35 40

<210> 2337
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2337
ggggtcccta atcgcttctc tggctccaag tctggcgaca cggcctccct gaccatctct 60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg cactgtggta 120

ttcggcgga 129

<210> 2338
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2338

Gly Val Pro Asn Arg Phe Ser Gly Ser Lys Ser Gly Asp Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Thr Val Val Phe Gly Gly

35 40

<210> 2339
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2339

Cys Ser Tyr Ala Gly Ser Ser Ser Trp Val Phe
1 5 10

<210> 2340
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2340
tctaatcgct tctctggctc caagtctggt agcacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctcttgggtg 120

ttcggcgga 129

<210> 2341
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2341

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ser Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ser Trp Val Phe Gly Gly
35 40

<210> 2342
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2342
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctcttgggtg 120

ttcggcgga 129

<210> 2343
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2343

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ser Trp Val Phe Gly Gly
35 40

<210> 2344
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2344
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctcttgggtg 120

ttcggcgga 129

<210> 2345
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2345

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Ser Trp Val Phe Gly Gly
35 40

<210> 2346
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2346

Cys Ser Tyr Ala Gly Ser Ser Asn Trp Val Phe
1 5 10

<210> 2347
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2347
tctattcgct tctctggctc caagtctggc tacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag caattgggtg 120

ttcggcgga 129

<210> 2348
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2348

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Asn Trp Val Phe Gly Gly
        35   40

<210> 2349
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2349
tctattcgct tctctggctc caagtctggc aacacggcct cgctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag caattgggtg 120

ttcggcgga 129

<210> 2350

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2350

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Asn Trp Val Phe Gly Gly
35 40

<210> 2351
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2351
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag caattgggtg 120

ttcggcgga 129

<210> 2352
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2352

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Asn Trp Val Phe Gly Gly
        35   40

<210> 2353
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2353

Cys Ser Tyr Ala Gly Ser Ser Pro Val Val Phe
1   5   10

<210> 2354
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2354
ttctatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ccctgtggta   120

ttcggcgga   129

<210> 2355
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2355

Phe Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr

1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Pro Val Val Phe Gly Gly
35 40

<210> 2356
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2356
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ccctgtggta 120

ttcggcgga 129

<210> 2357
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2357

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Pro Val Val Phe Gly Gly
35 40

<210> 2358

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2358
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ccctgtggta 120

ttcggcgga 129

<210> 2359
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2359

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Pro Val Val Phe Gly Gly
35 40

<210> 2360
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2360

Cys Ser Tyr Thr Gly Thr Tyr Val Ile Phe
1 5 10

<210> 2361
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2361
gtccctgatc gcttctctgg ctccaagtct gtcaacacgg cctccctgac catctctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat ataccggcac ctatgtgata 120

ttccgcgga 129

<210> 2362
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2362

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Val Asn Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Thr Gly Thr Tyr Val Ile Phe Arg Gly
        35   40

<210> 2363
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2363
gtccctgatc gcttctctgg ctccaagtct gtcaacacgg cctccctgac catctctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atacaggcac ctatgtgata 120

ttcggcgga 129

<210> 2364
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2364

Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Val Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Thr Gly Thr Tyr Val Ile Phe Gly Gly
35 40

<210> 2365
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2365
ggtcctgatc gcttctctgg ctccaagtct gtcaacacgg cctccctgac catctctggg 60

ctccaggctg aggatgaggc tgattattac tgctgctcat atacaggcac ctatgtgata 120

ttcggcgga 129

<210> 2366
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2366

Gly Pro Asp Arg Phe Ser Gly Ser Lys Ser Val Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Thr Gly Thr Tyr Val Ile Phe Gly Gly
35 40

<210> 2367
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2367
cctgatcgct tctctggctc caagtctggc atcacggcct ccctgaccat ctctgggctc 60

caggctgagg atgagtctga ttattactgc tgctcatatg caggcagcta cacttttgtc 120

ttcggaact 129

<210> 2368
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2368

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Phe Val Phe Gly Thr

35 40

<210> 2369
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2369
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

cgggctgaag atgaggctga ttattactgc tgctcatatg caggcagcta cacttttgtc 120

ttcggaact 129

<210> 2370
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2370

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Arg Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Phe Val Phe Gly Thr
35 40

<210> 2371
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2371

cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cacttttgtc 120

ttcggaact 129

<210> 2372
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2372

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Phe Val Phe Gly Thr
35 40

<210> 2373
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2373

Cys Ser Tyr Ala Gly Ser Thr Thr Leu Leu Phe
1 5 10

<210> 2374
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2374
tctaatcgct tctctggctc caagtctggc agctcggcct ccctgacatt ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtac cactttactg 120

ttcggcgga 129

<210> 2375
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2375

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ser Ser Ala Ser Leu Thr
1 5 10 15

Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Thr Thr Leu Leu Phe Gly Gly
35 40

<210> 2376
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2376
tctaatcgct tctctggctc caagtctggc agcacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtac cactttactg 120

ttcggcgga 129

<210> 2377
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2377

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ser Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Thr Thr Leu Leu Phe Gly Gly
35 40

<210> 2378
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2378
tctaatcgct tctctggctc caagtctggc agcacggcct ccctgacaat ctctgggatc 60

caggccgagg acgaggctga ttattactgc tgctcatatg caggtagtac cactttactg 120

ttcggcgga 129

<210> 2379
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2379

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ser Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Ile Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Thr Thr Leu Leu Phe Gly Gly
35 40

<210> 2380
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2380

Cys Ser Tyr Ala Gly Ser Thr Thr Leu Val Phe
1 5 10

<210> 2381
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2381
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtac cactttggta 120

ttcggcggc 129

<210> 2382
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2382

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Thr Thr Leu Val Phe Gly Gly
        35   40

<210> 2383
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2383
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtac cactttggta 120

ttcggcgga 129

<210> 2384
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2384
cctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgggg acgaggctga ttattactgc tgctcatatg caggtagtac cactttggta 120

ttcggcgga 129

<210> 2385
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2385

Pro Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Gly Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Thr Thr Leu Val Phe Gly Gly
        35   40

<210> 2386
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2386

Cys Ser Tyr Ala Gly Ser Tyr Ser Val Val Phe
1   5   10

<210> 2387
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2387
ctgatccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctccgtggtg 120

ttcggcgga 129

<210> 2388
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2388

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Val Val Phe Gly Gly
35 40

<210> 2389
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2389
cctgatcgct tctctggctc gaagtctggc aactcggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctccgtggtg 120

ttcggcgga 129

<210> 2390
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2390

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Val Val Phe Gly Gly

35 40

<210> 2391
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2391
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ctccgtggtg 120

ttcggcgga 129

<210> 2392
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2392

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Ser Val Val Phe Gly Gly
35 40

<210> 2393
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2393

Cys Ser Tyr Ala Gly Ser Tyr Phe Trp Val Phe
1 5 10

<210> 2394
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2394
cctgatcgct tctctggctc caagtctggc gacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattattgc tgctcatatg caggcagcta cttctgggtg 120

ttcggcgga 129

<210> 2395
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2395

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asp Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20 25 30

Tyr Ala Gly Ser Tyr Phe Trp Val Phe Gly Gly
        35 40

<210> 2396
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2396
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cttctgggtg 120

ttcggcgga 129

<210> 2397
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2397

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Phe Trp Val Phe Gly Gly
35 40

<210> 2398
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2398
cctgatcgct tctctggctc caaggctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atggggctga ttattactgc tgctcatatg caggcagcta cttctgggtg 120

ttcggcgga 129

<210> 2399
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2399

Pro Asp Arg Phe Ser Gly Ser Lys Ala Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Gly Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Phe Trp Val Phe Gly Gly
35 40

<210> 2400
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2400

Cys Ser Tyr Ala Gly Ser Gly Ser Tyr Val Phe
1 5 10

<210> 2401
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2401
tctgttcgct tctctgcctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga tttttactgt tgctcatatg caggtagtgg ctcttatgtc 120

ttcggaact 129

<210> 2402

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2402

Ser Val Arg Phe Ser Ala Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Phe Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Gly Ser Tyr Val Phe Gly Thr
35 40

<210> 2403
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2403
tctgatcgct tctctgcctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgt tgctcatatg caggtagtgg ctcttatgtc 120

ttcggaact 129

<210> 2404
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2404

Ser Asp Arg Phe Ser Ala Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Gly Ser Tyr Val Phe Gly Thr
        35   40

<210> 2405
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2405
tctgatcgct tctctgcctc caagtctggc aacacggcct ccctgacaat ctccgggctc 60

caggctgagg acgaggctga ttattactgt tgctcatatg caggtagtgg ctcttatgtc 120

ttcggaact 129

<210> 2406
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2406

Cys Ser Tyr Ala Gly Ser Tyr Pro Val Val Phe
1   5   10

<210> 2407
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2407
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ccccgtggta 120

ttcggcgga 129

<210> 2408
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2408

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Pro Val Val Phe Gly Gly
35 40

<210> 2409
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2409
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctcttggctc 60

cagtctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ccccgtggta 120

ttcggcgga 129

<210> 2410
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2410

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Trp Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Pro Val Val Phe Gly Gly
35 40

<210> 2411
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2411
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta ccccgtggta 120

ttcggcgga 129

<210> 2412
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2412

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Pro Val Val Phe Gly Gly

35 40

<210> 2413
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2413

Cys Ser Tyr Ala Gly Ser Ser Thr Asp Val Val Phe
1 5 10

<210> 2414
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2414
actcgcttct ctggctccaa gtctggcaac acggcctccc tgactatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ggatgtggta 120

ttcggcgga 129

<210> 2415
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2415

Thr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Asp Val Val Phe Gly Gly
        35   40

<210> 2416
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2416
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag   60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ggatgtggta   120

ttcggcgga   129

<210> 2417
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2417

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Asp Val Val Phe Gly Gly
        35   40

<210> 2418
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2418
atacgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ggatgtggta 120

ttcggcgga 129

<210> 2419
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2419

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Asp Val Val Phe Gly Gly
35 40

<210> 2420
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2420

Cys Ser Tyr Ala Gly Ser Arg Gly Pro Tyr Val Phe
1 5 10

<210> 2421
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2421
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagagg gccttatgtc 120

ttcggaact 129

<210> 2422
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2422

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Arg Gly Pro Tyr Val Phe Gly Thr
        35   40

<210> 2423
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2423
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagagg gccttatgtc 120

ttcggaact 129

<210> 2424

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2424

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Arg Gly Pro Tyr Val Phe Gly Thr
35 40

<210> 2425
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2425

Cys Ser Tyr Ala Gly Ser Arg Thr Tyr Val Phe
1 5 10

<210> 2426
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2426
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctggcctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtcg cacttatgtc 120

ttcggaact 129

<210> 2427
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2427

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Arg Thr Tyr Val Phe Gly Thr
        35   40

<210> 2428
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2428
actgatcgct tctctggctc caagtctggc aacgcggcct ccctgacaat ctctgggctc   60

caggctgagg acgaggctga ttatttttgt tgctcatatg caggtagtag aacttatgtc   120

ttcggaact   129

<210> 2429
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2429

Thr Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ala Ala Ser Leu Thr

1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Arg Thr Tyr Val Phe Gly Thr
35 40

<210> 2430
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2430

Cys Ser Tyr Ala Gly Ser Ser Ser Cys Val Phe
1 5 10

<210> 2431
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2431
tctaatcgct tctctggctc gaagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctcttgtgtg 120

ttcggcgga 129

<210> 2432
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2432

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Ser Cys Val Phe Gly Gly
        35   40

<210> 2433
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2433
tctaatcgct tctctggctc catgtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag ctcttgtgtg 120

ttcggcgga 129

<210> 2434
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2434

Ser Asn Arg Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Ser Cys Val Phe Gly Gly
        35   40

<210> 2435
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2435

Cys Ser Tyr Ala Gly Ser Tyr Thr Asn Val Phe
1   5   10

<210> 2436
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2436
ctgatccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc   60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactaacgtc   120

ttcggaact   129

<210> 2437
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2437

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Thr Asn Val Phe Gly Thr

35 40

<210> 2438
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2438
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcta cactaacgtc 120

ttcggaact 129

<210> 2439
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2439

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Tyr Thr Asn Val Phe Gly Thr
35 40

<210> 2440
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2440

Cys Ser Tyr Ala Ser Asp Asn Ser His Val Val Ile
1 5 10

<210> 2441
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2441
tatcggttct ctgcctccaa gtctggcaac gcggcctccc tgacaatctc tgggctccag 60

actgaggacg aggctgatta tttctgctgc tcatatgcaa gtgataactc ccatgtggtg 120

atcggcgga 129

<210> 2442
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2442

Tyr Arg Phe Ser Ala Ser Lys Ser Gly Asn Ala Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Thr Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser Tyr
            20 25 30

Ala Ser Asp Asn Ser His Val Val Ile Gly Gly
        35 40

<210> 2443
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2443
aatcggttct ctgcctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

actgaggacg aggctgatta tttctgctgc tcatatgcaa gtgataactc ccatgtggtg 120

atcggcgga 129

<210> 2444
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2444

Asn Arg Phe Ser Ala Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Thr Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser Tyr
20 25 30

Ala Ser Asp Asn Ser His Val Val Ile Gly Gly
35 40

<210> 2445
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2445

Cys Ser Tyr Ala Gly Tyr Tyr Thr Tyr Val Phe
1 5 10

<210> 2446
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2446
ctgatccgct tctccggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggctacta cacttatgtc 120

ttcggaact 129

<210> 2447
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2447

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Tyr Tyr Thr Tyr Val Phe Gly Thr
        35   40

<210> 2448
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2448
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggctacta cacttatgtc 120

ttcggaact 129

<210> 2449

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2449

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Tyr Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 2450
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2450

Cys Ser Tyr Ala Gly Ser Leu Thr Tyr Val Val Phe
1 5 10

<210> 2451
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2451
aatcgcttct ctggctcctt gtctggcaac acggccaccc tgacaatctc tgggctccag 60

gctgaggacg agggtcatta ttactgctgc tcatatgcag gtagtctcac ttatgtggtc 120

ttcggcgga 129

<210> 2452
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2452

Asn Arg Phe Ser Gly Ser Leu Ser Gly Asn Thr Ala Thr Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Gly His Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Leu Thr Tyr Val Val Phe Gly Gly
        35   40

<210> 2453
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2453
aatcgcttct ctggctccaa gtctggcaac acggccaccc tgacaatctc tgggctccag   60

gctgaggacg agggtcatta ttactgctgc tcatatgcag gtagtctcac ttatgtggtc   120

ttcggcgga   129

<210> 2454
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2454

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Thr Leu Thr Ile

1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Gly His Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Leu Thr Tyr Val Val Phe Gly Gly
35 40

<210> 2455
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2455

Cys Ser Tyr Ala Gly Ser Ser Thr Phe Glu Phe
1 5 10

<210> 2456
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2456
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgaa 120

ttcggcgga 129

<210> 2457
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2457

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Phe Glu Phe Gly Gly
        35   40

<210> 2458
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2458
tctaatcgct tctctggatc caagtctggc aacactgcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cactttcgaa 120

ttcggcgga 129

<210> 2459
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2459

Cys Ser Tyr Ala Gly Ser Tyr Ser Leu Val Val Phe
1   5   10

<210> 2460
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2460
gatcgcttct ctggctccaa gtctggcaag acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctactc tcttgtggta 120

ttcggcgga 129

<210> 2461
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2461

Asp Arg Phe Ser Gly Ser Lys Ser Gly Lys Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Ser Leu Val Val Phe Gly Gly
35 40

<210> 2462
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2462
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgtccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctactc tcttgtggta 120

ttcggcgga 129

<210> 2463
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2463

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ser Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Ser Leu Val Val Phe Gly Gly
35 40

<210> 2464
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2464

Cys Ser Tyr Thr Ser Ser Asp Asn Tyr Val Phe
1 5 10

<210> 2465
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2465
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatata caagtagtga caattatgtc 120

ttcggaact 129

<210> 2466

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2466

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Thr Ser Ser Asp Asn Tyr Val Phe Gly Thr
35 40

<210> 2467
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2467
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatata caagtagtga caattatgtc 120

ttcggaact 129

<210> 2468
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2468

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Thr Ser Ser Asp Asn Tyr Val Phe Gly Thr
        35   40

<210> 2469
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2469

Cys Ser Tyr Ala Gly Ser His Thr Tyr Val Phe
1   5   10

<210> 2470
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2470
cctgatcgct tctctggctc caagtctggc aactcggcct ccctgaccat ctctgggctc   60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcca cacttatgtc   120

ttcggaact   129

<210> 2471
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2471

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr

1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser His Thr Tyr Val Phe Gly Thr
35 40

<210> 2472
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2472
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttatttctgc tgctcatatg cagggagcca cacttatgtc 120

ttcggaact 129

<210> 2473
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2473

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Ala Gly Ser His Thr Tyr Val Phe Gly Thr
35 40

<210> 2474

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2474

Cys Ser Tyr Ala Gly Ser Ser Thr His Tyr Val Phe
1 5 10

<210> 2475
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2475
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tcattatgtc 120

ttcggaact 129

<210> 2476
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2476

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr His Tyr Val Phe Gly Thr
35 40

<210> 2477
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2477
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tcactacgtc 120

ttcggaact 129

<210> 2478
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2478

Cys Ser Tyr Ala Gly Ser Ser Thr Phe Phe Val Phe
1 5 10

<210> 2479
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2479
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

actgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttttttttgtc 120

ttcggaact 129

<210> 2480
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2480

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Thr Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Phe Val Phe Gly Thr
35 40

<210> 2481
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2481
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

actgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttttttttgtc 120

ttcggaact 129

<210> 2482
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2482

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Thr Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr

20 25 30

Ala Gly Ser Ser Thr Phe Phe Val Phe Gly Thr
35 40

<210> 2483
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2483

Cys Ser Tyr Ala Gly Asn Tyr Val Phe
1 5

<210> 2484
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2484
ggggtccctg atcgcttctc tggctccaag tctggcaaca cggcctccct gaccatctct 60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg caactatgtc 120

ttcggaact 129

<210> 2485
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2485

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
            20   25   30

Cys Ser Tyr Ala Gly Asn Tyr Val Phe Gly Thr
        35   40

<210> 2486
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2486
gggggacctg atcgcttctc tggctccaag tctggcaaca cggcctccct gaccatctct   60

gggctccagg ctgaggatga ggctgattat tactgctgct catatgcagg caactatgtc   120

ttcggaact   129

<210> 2487
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2487

Gly Gly Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1   5   10   15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
            20   25   30

Cys Ser Tyr Ala Gly Asn Tyr Val Phe Gly Thr
        35   40

<210> 2488
<211> 11
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2488

Cys Ser Tyr Ala Gly Ser Arg Thr Val Val Phe
1   5   10

<210> 2489
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2489
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtcg cactgtggta   120

ttccgcgga   129

<210> 2490
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2490

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Arg Thr Val Val Phe Arg Gly
        35   40

<210> 2491

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2491
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag gactgtggta 120

ttcggcgga 129

<210> 2492
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2492

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Arg Thr Val Val Phe Gly Gly
35 40

<210> 2493
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2493

Cys Ser Tyr Ala Gly Arg Ser Thr Trp Val Leu
1 5 10

<210> 2494
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2494
tcttatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgtgctc 60

caggctgagg acgagagtga ttattactgc tgctcatatg cagggagaag cacttgggtg 120

ctcggcgga 129

<210> 2495
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2495

Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Val Leu Gln Ala Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Arg Ser Thr Trp Val Leu Gly Gly
        35   40

<210> 2496
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2496
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgagagtga ttattactgc tgctcatatg cagggagaag cacttgggtg 120

ctcggcgga 129

<210> 2497
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2497

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ser Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Arg Ser Thr Trp Val Leu Gly Gly
35 40

<210> 2498
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2498

Cys Ser Tyr Leu Gly Ser Gly Thr Phe Asp Val Leu Phe
1 5 10

<210> 2499
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2499

cgcttctctg gctccaagtc tggctacacg gcctccctga caatctctgt gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatttaggta gtggcacttt cgatgtgcta 120

ttcggcgga 129

<210> 2500
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2500

Arg Phe Ser Gly Ser Lys Ser Gly Tyr Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Val Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Leu
20 25 30

Gly Ser Gly Thr Phe Asp Val Leu Phe Gly Gly
35 40

<210> 2501
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2501
cgcttctctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatttaggta gtggcacttt cgatgtgcta 120

ttcggcgga 129

<210> 2502
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2502

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1   5   10   15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Leu
            20   25   30

Gly Ser Gly Thr Phe Asp Val Leu Phe Gly Gly
        35   40

<210> 2503
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2503

Cys Ser Leu Thr Ser Ser Ile Thr Leu Val Phe
1   5   10

<210> 2504
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2504
tctaatcgct tctctggctc caagtctggc aacacggcct tcctgaccat ctctgggctc   60

caggctgagg acgaggctga ttatcactgc tgctcactta caagcagcat cactctggtt   120

ttcggcgga   129

<210> 2505
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2505

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Phe Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr His Cys Cys Ser
            20   25   30

Leu Thr Ser Ser Ile Thr Leu Val Phe Gly Gly
        35   40

<210> 2506
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2506
ctaatccgct tctctggctc caagtctggc aacacggcct tcctgaccat ctctgggctc   60

caggctgagg acgaggctga ttatcactgc tgctcactta caagcagcat cactctggtt   120

ttcggcgga   129

<210> 2507
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2507

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Phe Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr His Cys Cys Ser

20 25 30

Leu Thr Ser Ser Ile Thr Leu Val Phe Gly Gly
35 40

<210> 2508
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2508

Cys Ser Tyr Ala Gly Ser Ser Ser Leu Gly Val Phe
1 5 10

<210> 2509
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2509
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagctc cctgggggtg 120

ttcggcgga 129

<210> 2510
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2510

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Ser Leu Gly Val Phe Gly Gly
        35   40

<210> 2511
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2511
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagctc cctgggggtg 120

ttcggcgga 129

<210> 2512
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2512

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Ser Leu Gly Val Phe Gly Gly
        35   40

<210> 2513
<211> 11
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2513

Cys Ser Tyr Ala Gly Asn Tyr Thr Tyr Val Phe
1 5 10

<210> 2514
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2514
ccggttcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattgctgc tgctcatatg caggcaacta cacttatgtc 120

ttcggatct 129

<210> 2515
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2515

Pro Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Cys Cys Cys Ser
20 25 30

Tyr Ala Gly Asn Tyr Thr Tyr Val Phe Gly Ser
35 40

<210> 2516

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2516
ccggatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattgctgc tgctcatatg caggcaacta cacttatgtc 120

ttcggaact 129

<210> 2517
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2517

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Cys Cys Cys Ser
20 25 30

Tyr Ala Gly Asn Tyr Thr Tyr Val Phe Gly Thr
35 40

<210> 2518
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2518

Cys Ser Tyr Ala Gly Ser His Ala Tyr Val Phe
1 5 10

<210> 2519
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2519
cctgatcgct tctctgtctc caagtctggc atcacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcca cgcttatgtc 120

ttcggaacc 129

<210> 2520
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2520

Pro Asp Arg Phe Ser Val Ser Lys Ser Gly Ile Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser His Ala Tyr Val Phe Gly Thr
35 40

<210> 2521
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2521
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcca cgcttatgtc 120

ttcggaacc 129

<210> 2522
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2522

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser His Ala Tyr Val Phe Gly Thr
35 40

<210> 2523
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2523

Cys Ser Tyr Ala Gly Ser Ser Thr Leu Trp Val Phe
1 5 10

<210> 2524
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2524

aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tctttgggtg 120

ttcggcgga 129

<210> 2525
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2525

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Leu Trp Val Phe Gly Gly
35 40

<210> 2526
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2526
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tctttgggtg 120

ttcggcgga 129

<210> 2527
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2527

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Leu Trp Val Phe Gly Gly
        35   40

<210> 2528
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2528
gtttctaatc gcttctctgg ctccaagtct ggcatcaggg cctccctgac aatctctggg   60

ctccaggctg aggacgaggc tgattatcac tgctgctcat atgcaggtag tagcggggta   120

ttcggcgga   129

<210> 2529
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2529

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Ile Arg Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr His Cys Cys
            20   25   30

Ser Tyr Ala Gly Ser Ser Gly Val Phe Gly Gly
35 40

<210> 2530
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2530
gtttctaatc gcttctctgg ctccaagtct ggcaacacgg cctccctgac aatctctggg 60

ctccaggctg aggacgaggc tgattatcac tgctgctcat atgcaggtag tagcggggta 120

ttcggcgga 129

<210> 2531
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2531

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr His Cys Cys
20 25 30

Ser Tyr Ala Gly Ser Ser Gly Val Phe Gly Gly
35 40

<210> 2532
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2532

Cys Ser Phe Ala Gly Ala Tyr Leu Phe
1 5

<210> 2533
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2533
ggggtccctg atcgcttctc cggctccaag tctggcatca cggcctccct gaccatctct 60

gtgctccagg ctgacgatga ggctgattat tattgctgct catttgcagg cgcctactta 120

ttcggcgga 129

<210> 2534
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2534

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Val Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Phe Ala Gly Ala Tyr Leu Phe Gly Gly
35 40

<210> 2535
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2535
ggggtccctg atcgcttctc cggctccaag tctggcaaca cggcctccct gaccatctct 60

gggctccagg ctgacgatga ggctgattat tattgctgct catttgcagg cgcctactta 120

ttcggcgga 129

<210> 2536
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2536

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1   5   10   15

Leu Thr Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys
            20   25   30

Cys Ser Phe Ala Gly Ala Tyr Leu Phe Gly Gly
        35   40

<210> 2537
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2537

Cys Ser Tyr Ala Gly Asp Tyr Thr Leu Leu Phe
1   5   10

<210> 2538
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2538
tctaatcgct tctctgtctt caagtctgac aacactgcct ccctgacaat ctctgggctc 60

caggctgagg acgagggtga ttattattgc tgctcatatg caggtgatta cactttgtta 120

ttcggcgga 129

<210> 2539
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2539

Ser Asn Arg Phe Ser Val Phe Lys Ser Asp Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Gly Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Asp Tyr Thr Leu Leu Phe Gly Gly
35 40

<210> 2540
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2540
tctaatcgct tctctggctt caagtctgac aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgagggtga ttattattgc tgctcatatg caggtgatta cactttgtta 120

ttcggcgga 129

<210> 2541
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2541

Ser Asn Arg Phe Ser Gly Phe Lys Ser Asp Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Gly Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Asp Tyr Thr Leu Leu Phe Gly Gly
        35   40

<210> 2542
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2542

Cys Ser Tyr Thr Ser Ser Gly Thr Leu Val Val Phe
1   5   10

<210> 2543
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2543
aatcgcttct ctggctccaa gtctggcaac acggcctccc tggccatctc tgggctccag   60

gctgaggacg aggctgatta ttactgctgc tcatatacaa gcagtggcac tcttgtggtt   120

ttcggcgga 129

<210> 2544
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2544

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ala Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Thr Ser Ser Gly Thr Leu Val Val Phe Gly Gly
35 40

<210> 2545
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2545
atccgcttct ctggctccaa gtctggcaac acggcctccc tggccatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatacaa gcagtggcac tcttgtggtt 120

ttcggcgga 129

<210> 2546
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2546

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ala Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Thr Ser Ser Gly Thr Leu Val Val Phe Gly Gly
        35   40

<210> 2547
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2547

Cys Ser Tyr Ala Gly Ser Ser Thr Phe Lys Ala Tyr Val Phe
1   5   10

<210> 2548
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2548
ttctctggct ccatgtctgg caacacggcc tccctgacta tctctgggct ccaggctgag   60

gacgaggctg attattactg ctgctcatat gcaggtagta gcactttcaa ggcttatgtc   120

ttcggaact   129

<210> 2549
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2549

Phe Ser Gly Ser Met Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser Gly
1 5 10 15

Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala Gly
20 25 30

Ser Ser Thr Phe Lys Ala Tyr Val Phe Gly Thr
35 40

<210> 2550
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2550
ttctctggct ccaagtctgg caacacggcc tccctgacaa tctctgggct ccaggctgag 60

gacgaggctg attattactg ctgctcatat gcaggtagta gcactttcaa ggcttatgtc 120

ttcggaact 129

<210> 2551
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2551

Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser Gly
1 5 10 15

Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala Gly
20 25 30

Ser Ser Thr Phe Lys Ala Tyr Val Phe Gly Thr

35 40

<210> 2552
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2552

Cys Ser Tyr Ala Gly Ser His Thr Val Val Phe
1 5 10

<210> 2553
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2553
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg ccggcagcca cactgtggta 120

ttcggcgga 129

<210> 2554
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2554

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser His Thr Val Val Phe Gly Gly
        35   40

<210> 2555
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2555
cctgatcgct tctctggctc caagcctggc aacacggcct ccctgaccat ctctgggctc   60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagcca cactgtggta   120

ttcggcgga   129

<210> 2556
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2556

Pro Asp Arg Phe Ser Gly Ser Lys Pro Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser His Thr Val Val Phe Gly Gly
        35   40

<210> 2557
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2557

Cys Ser Tyr Ala Gly Ser Phe Thr Leu Val Phe
1 5 10

<210> 2558
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2558
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgacgat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagctt cactttggta 120

ttcggcgga 129

<210> 2559
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2559

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Phe Thr Leu Val Phe Gly Gly
35 40

<210> 2560
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2560
cctgatcgct tctctggctc caagtctgac aacacggcct ccctgagcat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatatg caggcagctt cactttggta 120

ttcggcgga 129

<210> 2561
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2561

Pro Asp Arg Phe Ser Gly Ser Lys Ser Asp Asn Thr Ala Ser Leu Ser
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Phe Thr Leu Val Phe Gly Gly
        35   40

<210> 2562
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2562

Cys Ser Tyr Val Gly Ser Asp Ile Trp Val Phe
1   5   10

<210> 2563
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2563
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctggcctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg taggtagtga catttgggtg 120

ttcggcgga 129

<210> 2564
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2564

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Val Gly Ser Asp Ile Trp Val Phe Gly Gly
35 40

<210> 2565
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2565
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctggcctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg taggtagtga catttgggtg 120

ttcggcgga 129

<210> 2566
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2566

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Val Gly Ser Asp Ile Trp Val Phe Gly Gly
        35   40

<210> 2567
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2567

Cys Ser Tyr Ala Gly Ser Ser Thr Leu Asn Val Phe
1   5   10

<210> 2568
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2568
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag   60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttaaatgtc   120

ttcggaact 129

<210> 2569
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2569

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Leu Asn Val Phe Gly Thr
35 40

<210> 2570
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2570
aatcgcttct ctggctccaa gtctggcaac acggcccccc tgacaatctc ttggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttaaatgtc 120

ttcggaact 129

<210> 2571
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2571

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Pro Leu Thr Ile
1   5   10   15

Ser Trp Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Leu Asn Val Phe Gly Thr
        35   40

<210> 2572
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2572

Cys Ser Tyr Ala Gly Ser Ser Thr Phe Ala Tyr Val Val Phe
1   5   10

<210> 2573
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2573
ttctctggct ccaagtctgt caacacggcc tccctgacaa tctctgggct ccagtctgag 60

gacgaggctg attattactg ctgctcatat gcaggtagta gcactttcgc ctatgtggta 120

ttcggcgga 129

<210> 2574
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2574

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

Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala Gly
20 25 30

Ser Ser Thr Phe Ala Tyr Val Val Phe Gly Gly
35 40

<210> 2575
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2575
ttctctggct ccaagtctgg caacacggcc tccctgacaa tctctgggct ccaggctgag 60

gacgaggctg attattactg ctgctcatat gcaggtagta gcactttcgc ctatgtggta 120

ttcggcgga 129

<210> 2576
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2576

Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser Gly
1 5 10 15

Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala Gly
20 25 30

Ser Ser Thr Phe Ala Tyr Val Val Phe Gly Gly

35 40

<210> 2577
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2577

Cys Ser Phe Glu Gly Thr Asp Asn Gly Tyr Val Phe
1 5 10

<210> 2578
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2578
gatcgcttct ctggctccaa gtctggcatc acggcctccc tgtccgtctc tgggctcctg 60

gctgaggatg aggctgatta ttactgctgc tcatttgaag gcaccgacaa tggttatgtc 120

ttcggagct 129

<210> 2579
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2579

Asp Arg Phe Ser Gly Ser Lys Ser Gly Ile Thr Ala Ser Leu Ser Val
1 5 10 15

Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Phe
20 25 30

Glu Gly Thr Asp Asn Gly Tyr Val Phe Gly Ala
35 40

<210> 2580
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2580
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccgtctc tgggctcctg 60

gctgaggatg aggctgatta ttactgctgc tcatttgaag gcaccgacaa tggttatgtc 120

ttcggagct 129

<210> 2581
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2581

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Val
1 5 10 15

Ser Gly Leu Leu Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Phe
20 25 30

Glu Gly Thr Asp Asn Gly Tyr Val Phe Gly Ala
35 40

<210> 2582
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2582

Cys Ser Tyr Ala Gly Ser Ser Thr Phe Val Leu Phe
1 5 10

<210> 2583
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2583
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtgcta 120

ttccgcgga 129

<210> 2584
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2584

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Phe Val Leu Phe Arg Gly
35 40

<210> 2585
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2585
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac tttcgtccta 120

ttcggcgga 129

<210> 2586
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2586

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Phe Val Leu Phe Gly Gly
        35   40

<210> 2587
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2587

Cys Ser Phe Val Arg Ser Ser Ala His Val Val Phe
1   5   10

<210> 2588
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2588
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatttgtac gtagtagcgc tcatgtggtc 120

ttcggcgga 129

<210> 2589
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2589

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Phe
20 25 30

Val Arg Ser Ser Ala His Val Val Phe Gly Gly
35 40

<210> 2590
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2590
tatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatttgtac gtagtagcgc tcatgtggtc 120

ttcggcgga 129

<210> 2591
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2591

Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Phe
            20   25   30

Val Arg Ser Ser Ala His Val Val Phe Gly Gly
        35   40

<210> 2592
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2592

Cys Ser Tyr Ala Gly Ser Tyr Thr Phe Gly Tyr Val Phe
1   5   10

<210> 2593
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2593
cgcttctctg gctccaagtc tggcaacgcg gcctccctga ccatctctgg gctccaggct   60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cggttacgtc   120

ttcggaact 129

<210> 2594
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2594

Arg Phe Ser Gly Ser Lys Ser Gly Asn Ala Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Gly Tyr Val Phe Gly Thr
35 40

<210> 2595
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2595
cgcttctctg gctccaagtc tggcaacacg gcctccctga ccatctctgg gctccaggct 60

gaggatgagg ctgattatta ctgctgctca tatgcaggca gctacacttt cggttatgtc 120

ttcggaact 129

<210> 2596
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2596

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Tyr Thr Phe Gly Tyr Val Phe Gly Thr
35 40

<210> 2597
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2597
ggggtttcta atcgcttctc tggctccaag tctggcaaca cggcctccct gtcaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tagttgggta 120

ttcggcggt 129

<210> 2598
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2598
ggggtttcta atcgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

gggctccggg ctgaggacga ggctgattat tactgctgct catatgcagg tagttgggta 120

ttcgacgga 129

<210> 2599
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2599

Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1   5   10   15

Leu Thr Ile Ser Gly Leu Arg Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
            20   25   30

Cys Ser Tyr Ala Gly Ser Trp Val Phe Asp Gly
        35   40

<210> 2600
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2600

Cys Ser Tyr Ala Gly Val Gly Thr Tyr Val Phe
1   5   10

<210> 2601
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2601
tctattcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc   60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtgttgg cacttatgtc   120

ttcggaatt   129

<210> 2602
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2602

Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Val Gly Thr Tyr Val Phe Gly Ile
35 40

<210> 2603
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2603
tctattcgct tctctggctc caaggctggc aacacggcct ccctgacatt ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtgttgg cacttatgtc 120

ttcggaatt 129

<210> 2604
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2604

Ser Ile Arg Phe Ser Gly Ser Lys Ala Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Phe Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Val Gly Thr Tyr Val Phe Gly Ile
35 40

<210> 2605
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2605

Cys Ser Tyr Ala Gly Gly Phe Thr Leu Leu Phe
1 5 10

<210> 2606
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2606
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctggcg atgaggctga ttattactgc tgctcgtatg caggtggttt cactttactt 120

tttggcgga 129

<210> 2607
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2607

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Gly Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Gly Phe Thr Leu Leu Phe Gly Gly
        35   40

<210> 2608
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2608
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgacg acgaggctga ttattactgc tgctcgtatg caggtggttt cactttactt 120

tttggcgga 129

<210> 2609
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2609

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Gly Phe Thr Leu Leu Phe Gly Gly
        35   40

<210> 2610
<211> 11
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2610

Cys Ser Tyr Ala Gly Ser Ser Thr Asp Val Phe
1   5   10

<210> 2611
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2611
tctaatcgct tctctggctc caagtctggt aacacggcct ccctgacaat ctctgggctc   60

caggctgagg acgaggctga ttattgctgc tgctcatatg caggtagtag cacggatgtc   120

ttcggaact   129

<210> 2612
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2612

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Cys Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Ser Thr Asp Val Phe Gly Thr
        35   40

<210> 2613

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2613
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtag cacggatgtc 120

ttcggaact 129

<210> 2614
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2614

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Asp Val Phe Gly Thr
35 40

<210> 2615
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2615

Cys Ser Tyr Thr Arg Ser Arg Gly Val Val Phe
1 5 10

<210> 2616
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2616
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatata cacgtagtag gggggtggta 120

ttcggcgga 129

<210> 2617
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2617

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Thr Arg Ser Arg Gly Val Val Phe Gly Gly
35 40

<210> 2618
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2618
tctaatcgct tctctggctc caagtctggc aacacggccc ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatata cacgtagtag gggggtggta 120

ttcggcgga 129

<210> 2619
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2619

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Pro Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Thr Arg Ser Arg Gly Val Val Phe Gly Gly
35 40

<210> 2620
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2620

Cys Ser Tyr Ala Gly Ser Ser Thr Ser Gly Val Phe
1 5 10

<210> 2621
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2621

aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttcgggggta 120

ttcggcgga 129

<210> 2622
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2622

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Ser Gly Val Phe Gly Gly
35 40

<210> 2623
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2623
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac ttcgggggta 120

ttcggcgga 129

<210> 2624
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2624

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Ser Gly Val Phe Gly Gly
        35   40

<210> 2625
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2625

Cys Ser Tyr Ala Gly Ser Ser Thr Tyr Ile Phe
1   5   10

<210> 2626
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2626
tgtaatcgct tctgtggctc caagtctggc aacacggcct ccctgacaat ctctggactc   60

caggctgagg acgaggctga atattactgc tgctcatatg caggtagtag cacttatatc   120

ttcggaact   129

<210> 2627
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2627

Cys Asn Arg Phe Cys Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Glu Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Ile Phe Gly Thr
35 40

<210> 2628
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2628
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctggactc 60

caggctgagg acgaggctga atattactgc tgctcatatg caggtagtag cacttatatc 120

ttcggaact 129

<210> 2629
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2629

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Glu Tyr Tyr Cys Cys Ser

20 25 30

Tyr Ala Gly Ser Ser Thr Tyr Ile Phe Gly Thr
35 40

<210> 2630
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2630

Cys Ser Tyr Ala Gly Ser Tyr Ser Phe Leu Phe
1 5 10

<210> 2631
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2631
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctcttggctc 60

cagtctgagg atgaggctga ttattactgc tgttcatatg caggcagtta tagtttctta 120

ttcggcgga 129

<210> 2632
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2632

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Trp Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Ser Phe Leu Phe Gly Gly
        35   40

<210> 2633
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2633
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgttcatatg caggcagtta tagtttctta 120

ttcggcgga 129

<210> 2634
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2634

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Ser Tyr Ser Phe Leu Phe Gly Gly
        35   40

<210> 2635
<211> 12
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2635

Cys Ser Tyr Ala Gly Ser Tyr Thr Gly Val Val Phe
1 5 10

<210> 2636
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2636
gatcgcttct ctggctccaa gtcttgcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac aggggttgta 120

ttcggcgga 129

<210> 2637
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2637

Asp Arg Phe Ser Gly Ser Lys Ser Cys Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Gly Val Val Phe Gly Gly
35 40

<210> 2638

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2638
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac aggggtggta 120

ttcggcgga 129

<210> 2639
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2639

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr Gly Val Val Phe Gly Gly
35 40

<210> 2640
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2640

Cys Ser Tyr Gly Asp Thr Ser Pro Ala Ile Phe
1 5 10

<210> 2641
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2641
tctgatcgct tctctggctc caagtctggc aatacggcct ccctggcaat ctctgggctc 60

cagactgagg acgaggctga ttatttctgc tgctcatatg gcgatactag ccccgcgata 120

ttcggcgga 129

<210> 2642
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2642

Ser Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ala
1 5 10 15

Ile Ser Gly Leu Gln Thr Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Gly Asp Thr Ser Pro Ala Ile Phe Gly Gly
35 40

<210> 2643
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2643
tctgatcgct tctctgactc caagtctggc aatacggcct ccctggcaat ctctgggctc 60

cagactgagg acgaggctga ttatttctgc tgctcatatg gagatactag ccccgcgata 120

ttcggcgga 129

<210> 2644
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2644

Ser Asp Arg Phe Ser Asp Ser Lys Ser Gly Asn Thr Ala Ser Leu Ala
1 5 10 15

Ile Ser Gly Leu Gln Thr Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Gly Asp Thr Ser Pro Ala Ile Phe Gly Gly
35 40

<210> 2645
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2645

Cys Ser Tyr Ala Gly Cys Ser Val Val Phe
1 5 10

<210> 2646
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2646

gtttcttatc gcttctctgg ctccaagtct ggcaacacag cctccctgac aatctctggg 60

atccaggctg aggacgaggc tgattattat tgttgttcat atgcaggttg tagcgtggta 120

ttcggcgga 129

<210> 2647
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2647

Val Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1 5 10 15

Thr Ile Ser Gly Ile Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
20 25 30

Ser Tyr Ala Gly Cys Ser Val Val Phe Gly Gly
35 40

<210> 2648
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2648
gtttctattc gcttctctgg ctccaagtct ggcaacacag cctccctgac aatctctggg 60

atccaggctg aggacgaggc tgattattat tgttgttcat atgcaggttg tagcgtggta 120

ttcggcgga 129

<210> 2649
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2649

Val Ser Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
1   5   10   15

Thr Ile Ser Gly Ile Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys
            20   25   30

Ser Tyr Ala Gly Cys Ser Val Val Phe Gly Gly
        35   40

<210> 2650
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2650

Cys Ser His Ala Gly Arg Tyr Pro Tyr Val Phe
1   5   10

<210> 2651
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2651
cctgatcgct tctctggctc caagtctggc aactcggcct ccctgtccat ctctgggctc   60

caggctgaag atgaggctga ttattattgc tgctcacatg caggcaggta cccttatgtc   120

ttcggaact   129

<210> 2652
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2652

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Ser
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

His Ala Gly Arg Tyr Pro Tyr Val Phe Gly Thr
35 40

<210> 2653
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2653
cctgatcgct tctctggctc caagtctggc aacacggcct ccctggccat ctctgggctc 60

caggctgaag atgaggctga ttattattgc tgctcacatg caggcaggta cccttatgtc 120

ttcggaact 129

<210> 2654
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2654

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ala
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser

20 25 30

His Ala Gly Arg Tyr Pro Tyr Val Phe Gly Thr
35 40

<210> 2655
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2655

Cys Ser Tyr Ala Gly Ser Ser Ser Phe Val Val Phe
1 5 10

<210> 2656
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2656
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgactatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagctc tttcgtggta 120

ttcggcgga 129

<210> 2657
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2657

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Ser Phe Val Val Phe Gly Gly
        35   40

<210> 2658
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2658
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcag tttcgtggta 120

ttcggggga 129

<210> 2659
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2659

Cys Ser Tyr Ala Gly Ser Thr Thr Tyr Val Phe
1   5   10

<210> 2660
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2660
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtac cacctatgtc 120

ttccgaact 129

<210> 2661
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2661

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Thr Thr Tyr Val Phe Arg Thr
35 40

<210> 2662
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2662
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ctattactgc tgctcatatg caggtagtac cacttatgtc 120

ttcggaacc 129

<210> 2663
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2663

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Thr Thr Tyr Val Phe Gly Thr
35 40

<210> 2664
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2664

Cys Ser Tyr Thr Gly Ser His Thr Arg Val Phe
1 5 10

<210> 2665
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2665
cctgatcggc tctctggctg caagtctggc aactcggcct ccctgagcat ctctgggctc 60

caggctgagg atgaggctga ttattactgc tgctcatata caggcagcca cacccgtgta 120

ttcggcgga 129

<210> 2666
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2666

Pro Asp Arg Leu Ser Gly Cys Lys Ser Gly Asn Ser Ala Ser Leu Ser
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Thr Gly Ser His Thr Arg Val Phe Gly Gly
        35   40

<210> 2667
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2667
cctgatcggc tctctggctg caagtctggc aacacggcct ccctgaccat ctctgggctc   60

caggctgagg atgaggctga ttattactgc tgctcatata caggcagcca cacccgtgta   120

ttcggcgga   129

<210> 2668
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2668

Pro Asp Arg Leu Ser Gly Cys Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Thr Gly Ser His Thr Arg Val Phe Gly Gly
35 40

<210> 2669
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2669

Cys Ser Tyr Ala Gly Ser Tyr Thr His Tyr Val Phe
1 5 10

<210> 2670
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2670
gttcgcttct ctggctcgaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ccactatgtc 120

ttcggaact 129

<210> 2671
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2671

Val Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr

20 25 30

Ala Gly Ser Tyr Thr His Tyr Val Phe Gly Thr
35 40

<210> 2672
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2672
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccatctc tgggctccag 60

gctgaggatg aggctgatta ttactgctgc tcatatgcag gcagctacac ccactatgtc 120

ttcggaact 129

<210> 2673
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2673

Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Tyr Thr His Tyr Val Phe Gly Thr
35 40

<210> 2674
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2674

Cys Ser Tyr Thr Arg Pro Thr Pro Gly Tyr Val Phe
1   5   10

<210> 2675
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2675
gatggcttct ctgggtccat gtctggcagc acggcctccc tgaccatctc tgggctccag   60

cctgaagacg aggctgatta ttactgctgc tcatatacaa gacccactcc cggttatgtc   120

ttcgggact   129

<210> 2676
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2676

Asp Gly Phe Ser Gly Ser Met Ser Gly Ser Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Pro Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Thr Arg Pro Thr Pro Gly Tyr Val Phe Gly Thr
        35   40

<210> 2677
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2677
gatcgcttct ctgggtccaa gtctggcagc acggcctccc tgaccatctc tgggctccag 60

cctgaagacg aggctgatta ttactgctgc tcatatacaa gacccactcc cggttatgtc 120

ttcgggact 129

<210> 2678
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2678

Asp Arg Phe Ser Gly Ser Lys Ser Gly Ser Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Pro Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Thr Arg Pro Thr Pro Gly Tyr Val Phe Gly Thr
35 40

<210> 2679
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2679

Cys Ser Phe Val Ser Gly Asn Ser Tyr Val Phe
1 5 10

<210> 2680

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2680
tctaatcgct tctctggctc caagtctggc aactcggcct ccctgacaat ctcttggctc 60

caggctgacg acgaggctga ttattactgc tgctcgtttg taagtggtaa cagttatgtc 120

ttcggaact 129

<210> 2681
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2681

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Ser Ala Ser Leu Thr
1 5 10 15

Ile Ser Trp Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Phe Val Ser Gly Asn Ser Tyr Val Phe Gly Thr
35 40

<210> 2682
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2682
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgacg acgaggctga ttattactgc tgctcgtttg taagtggtaa cagttatgtc 120

ttcggaact 129

<210> 2683
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2683

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Asp Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Phe Val Ser Gly Asn Ser Tyr Val Phe Gly Thr
35 40

<210> 2684
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2684

Cys Ser Tyr Ala Gly Ser Ser Thr Phe Met Trp Tyr Ser
1 5 10

<210> 2685
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2685
cgcttctctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt tatgtggtat 120

tcggcggag 129

<210> 2686
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2686

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
1 5 10 15

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Ala
20 25 30

Gly Ser Ser Thr Phe Met Trp Tyr Ser Ala Glu
35 40

<210> 2687
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2687
cgcttctctg gctccaagtc tggcaacacg gcctccctga caatctctgg gctccaggct 60

gaggacgagg ctgattatta ctgctgctca tatgcaggta gtagcacttt catgtggtat 120

tcggcggag 129

<210> 2688
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2688

Cys Ser Tyr Ala Gly Gly Lys Thr Gly Val Phe
1 5 10

<210> 2689
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2689
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctt 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtggtaa aacgggggtc 120

ttcggaact 129

<210> 2690
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2690

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Gly Lys Thr Gly Val Phe Gly Thr
35 40

<210> 2691
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2691
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctt 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtggtaa aacgggggtc 120

ttcggaact 129

<210> 2692
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2692

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Gly Lys Thr Gly Val Phe Gly Thr
        35   40

<210> 2693
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2693

Cys Ser Tyr Ala Asp Ser Ser Ser Phe Tyr Val Phe
1   5   10

<210> 2694
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2694
aatcgcttct ctggctgcaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgttgc tcatatgcag atagtagctc tttctatgtc 120

ttcggaact 129

<210> 2695
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2695

Asn Arg Phe Ser Gly Cys Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Asp Ser Ser Ser Phe Tyr Val Phe Gly Thr
35 40

<210> 2696
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2696
aatcgcttct ctggctccaa gtctggcaac acggcctccc agacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgttgc tcatatgcag atagtagctc tttctatgtc 120

ttcggaact 129

<210> 2697
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2697

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Gln Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Asp Ser Ser Ser Phe Tyr Val Phe Gly Thr
        35   40

<210> 2698
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2698

Cys Ser Tyr Ala Gly Ser Ser Thr Asn Val Val Phe
1   5   10

<210> 2699
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2699
aatcgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag   60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac taatgtggta   120

ttcggcgga 129

<210> 2700
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2700

Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1 5 10 15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
20 25 30

Ala Gly Ser Ser Thr Asn Val Val Phe Gly Gly
35 40

<210> 2701
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2701
atccgcttct ctggctccaa gtctggcaac acggcctccc tgacaatctc tgggctccag 60

gctgaggacg aggctgatta ttactgctgc tcatatgcag gtagtagcac taatgtggta 120

ttcggcgga 129

<210> 2702
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2702

Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile
1   5   10   15

Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr
            20   25   30

Ala Gly Ser Ser Thr Asn Val Val Phe Gly Gly
        35   40

<210> 2703
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2703

Cys Ser Tyr Thr Ser Ser Arg Thr Gly Val Phe
1   5   10

<210> 2704
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2704
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcataca caagtagcag aactggggtg 120

ttcggcggg 129

<210> 2705
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2705

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Thr Ser Ser Arg Thr Gly Val Phe Gly Gly
35 40

<210> 2706
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2706
ctaatccgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcataca caagtagcag aactggggtg 120

ttcggcggg 129

<210> 2707
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2707

Leu Ile Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Thr Ser Ser Arg Thr Gly Val Phe Gly Gly

35 40

<210> 2708
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2708

Cys Ser Tyr Ala Gly Phe Tyr Val Phe
1 5

<210> 2709
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2709
ggggtttctt atcgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tttttatgtc 120

ttcggaact 129

<210> 2710
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2710

Gly Val Ser Tyr Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Phe Tyr Val Phe Gly Thr
35 40

<210> 2711
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2711
ggggtttcta atcgcttctc tggctccaag tctggcaaca cggcctccct gacaatctct 60

gggctccagg ctgaggacga ggctgattat tactgctgct catatgcagg tttttatgtc 120

ttcggaact 129

<210> 2712
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2712

Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
1 5 10 15

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
20 25 30

Cys Ser Tyr Ala Gly Phe Tyr Val Phe Gly Thr
35 40

<210> 2713
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2713

Cys Ser Tyr Ala Gly Arg Asp Thr Val Ala Phe
1 5 10

<210> 2714
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2714
cctgatcgct tctctggctc caagtctgtc aacactgcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattattgc tgctcatatg caggcagaga cactgtggca 120

ttcggcgga 129

<210> 2715
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2715

Pro Asp Arg Phe Ser Gly Ser Lys Ser Val Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Arg Asp Thr Val Ala Phe Gly Gly
35 40

<210> 2716
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2716
cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccat ctctgggctc 60

caggctgagg atgaggctga ttattattgc tgctcatatg caggcagaga cactgtggca 120

ttcggcgga 129

<210> 2717
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2717

Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1   5   10   15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
            20   25   30

Tyr Ala Gly Arg Asp Thr Val Ala Phe Gly Gly
        35   40

<210> 2718
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2718

Cys Ser Tyr Ala Gly Ser Thr Thr Val Val Phe
1   5   10

<210> 2719
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2719
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtac cactgtcgta 120

ttcggcggc 129

<210> 2720
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2720

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
1 5 10 15

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser
20 25 30

Tyr Ala Gly Ser Thr Thr Val Val Phe Gly Gly
35 40

<210> 2721
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2721
tctaatcgct tctctggctc caagtctggc aacacggcct ccctgacaat ctctgggctc 60

caggctgagg acgaggctga ttattactgc tgctcatatg caggtagtac cactgtcgta 120

ttcggcgga 129

<210> 2722
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2722

Cys Ser Phe Ser Val Phe
1 5

<210> 2723
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2723
cggccctcag gggtttctaa tcgcttctct ggctccaagt ctcgcaacac ggcctccctg 60

acaatctctg ggctccaggc tgaggacgag gctgattatt actgctgctc atttagtgtc 120

ttcggaact 129

<210> 2724
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2724

Arg Pro Ser Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Arg Asn
1 5 10 15

Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
20 25 30

Tyr Tyr Cys Cys Ser Phe Ser Val Phe Gly Thr

35 40

<210> 2725
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2725
cggccatcag gggtttctaa tcgcttctct ggctccaagt ctggcaacac ggcctccctg 60

acaatctctg ggctccaggc tgaggacgag gctgattatt actgctgctc atttagtgtc 120

ttcggaact 129

<210> 2726
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2726

Arg Pro Ser Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn
1 5 10 15

Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp
20 25 30

Tyr Tyr Cys Cys Ser Phe Ser Val Phe Gly Thr
35 40

<210> 2727
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2727

Cys Ser Tyr Gly Asp Thr Arg Pro Val Ile Phe
1 5 10

<210> 2728
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2728
tctgatcgct tctctggctc caagtctgtc aatacggcct ccctggcaat ctctgggctc 60

cagactgagg acgaggctga ttatttctgc tgctcatatg gagatactag acccgtgata 120

ttcggcgga 129

<210> 2729
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2729

Ser Asp Arg Phe Ser Gly Ser Lys Ser Val Asn Thr Ala Ser Leu Ala
1 5 10 15

Ile Ser Gly Leu Gln Thr Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
            20 25 30

Tyr Gly Asp Thr Arg Pro Val Ile Phe Gly Gly
        35 40

<210> 2730
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2730
tctgatcgct tctctggctc caagtctggc aatacggcct ccctggcaat ctctgggctc 60

cagactgagg acgaggctga ttatttctgc tgctcatatg gagatactcg ccccgtgata 120

ttcggcggc 129

<210> 2731
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2731

Ser Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Ala
1 5 10 15

Ile Ser Gly Leu Gln Thr Glu Asp Glu Ala Asp Tyr Phe Cys Cys Ser
20 25 30

Tyr Gly Asp Thr Arg Pro Val Ile Phe Gly Gly
35 40

<210> 2732
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2732

Cys Ala Arg Leu Leu Gly Gly Trp Gly Gly Gln Thr Trp
1 5 10

<210> 2733
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2733
ttcatctcca tacacaaccc caagaacacg ctttatttgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtctatta ctgtgcaaga ctcctgggtg ggtggggagg tcagacttgg 120

ggccaggga 129

<210> 2734
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2734

Phe Ile Ser Ile His Asn Pro Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Leu
            20   25   30

Gly Gly Trp Gly Gly Gln Thr Trp Gly Gln Gly
        35   40

<210> 2735
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2735
ttcatctcca gagacaacgc caagaacacg ctgtatttgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtctatta ctgtgcaaga ctcctgggtg ggtggggagg tcagacttgg 120

ggccaggga 129

<210> 2736

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2736

Phe Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Leu
20 25 30

Gly Gly Trp Gly Gly Gln Thr Trp Gly Gln Gly
35 40

<210> 2737
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2737
atcatctcca tagacaacgc caagaacacg ctgtatttgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtctatta ctgtgcaaga ctcctgggtg ggtggggagg tcagacttgg 120

ggccaggga 129

<210> 2738
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2738

Ile Ile Ser Ile Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Leu
            20   25   30

Gly Gly Trp Gly Gly Gln Thr Trp Gly Gln Gly
        35   40

<210> 2739
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2739
atcatctcca tacacaacgc caagaacacg ctgtatttgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtctatta ctgtgcaaga ctcctgggtg ggtggggagg tcagacttgg 120

ggccaggga 129

<210> 2740
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2740

Ile Ile Ser Ile His Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Leu
            20   25   30

Gly Gly Trp Gly Gly Gln Thr Trp Gly Gln Gly
        35   40

<210> 2741
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2741
atcatctcca tacacaacgc caagaacacg atgtatttgc aaatcaacag tcttagagcc 60

gaggacacgg ctgtctatta ctgtgcaaga ctcctgggtg ggtggggagg tcagacttgg 120

ggccaggga 129

<210> 2742
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2742

Ile Ile Ser Ile His Asn Ala Lys Asn Thr Met Tyr Leu Gln Ile Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Leu
20 25 30

Gly Gly Trp Gly Gly Gln Thr Trp Gly Gln Gly
35 40

<210> 2743
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2743
atcatctcca gagacaacgc caagaacacg ctgtatttgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtctatta ctgtgcaaga ctcctgggtg ggtggggagg tcagacttgg 120

ggccaggga 129

<210> 2744
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2744

Ile Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Leu
20 25 30

Gly Gly Trp Gly Gly Gln Thr Trp Gly Gln Gly
35 40

<210> 2745
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2745
atcatctcca gagacaacgc caagaacacg ctgtatttgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtctatta ctgtgcaaga ctcctggggg ggtggggagg tcagacttgg 120

ggccaggga 129

<210> 2746
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2746
atcatctcca gagacaaccc caagaacacg ctgtatttgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtctatta ctgtgcaaga ctcctgggtg ggtggggagg tcagacttgg 120

ggccaggga 129

<210> 2747
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2747

Ile Ile Ser Arg Asp Asn Pro Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Leu
20 25 30

Gly Gly Trp Gly Gly Gln Thr Trp Gly Gln Gly
35 40

<210> 2748
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2748
atcatctcca gacacaacgc caagaacacg ctgtatttgc aaatgaacag tcttagagcc 60

gaggacacgg ctgtctatta ctgtgcaaga ctcctgggtg ggtggggagg tcagacttgg 120

ggccaggga 129

<210> 2749
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2749

Ile Ile Ser Arg His Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Leu
20 25 30

Gly Gly Trp Gly Gly Gln Thr Trp Gly Gln Gly
35 40

<210> 2750
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2750
atcatctcca gacacaacgc caagaacacg ctgtatttgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtctatta ctgtgcaaga ctcctgggtg ggtggggagg tcagacttgg 120

ggccaggga 129

<210> 2751
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2751
atcatctcca gacacaacgc caagaacacg ctgtatttgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtctatta ctgtgcaaga ctcctggggg ggtggggagg tcagacttgg 120

ggccaggga 129

<210> 2752
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2752
atcatctcca gacacaaccc caagaacacg ctgtatttgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtctatta ctgtgcaaga ctcctgggtg ggtggggagg tcagacttgg 120

ggccaggga 129

<210> 2753
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2753

Ile Ile Ser Arg His Asn Pro Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Leu
20 25 30

Gly Gly Trp Gly Gly Gln Thr Trp Gly Gln Gly
35 40

<210> 2754
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2754

Cys Ala Arg Gly Trp Gly Phe Gly Glu Leu Trp Asp Tyr Trp
1 5 10

<210> 2755

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2755
ttctccagag aaaatgccaa gaactccttg tatcttcaaa tgaacagcct gagagccggg 60

gacacggctg tgtattactg tgcaagaggt tgggggttcg gggagttgtg ggactactgg 120

ggccaggga 129

<210> 2756
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2756

Phe Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Trp Gly
20 25 30

Phe Gly Glu Leu Trp Asp Tyr Trp Gly Gln Gly
35 40

<210> 2757
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2757
atctccatag aaaatgccaa gaactccttg tatcttcaaa tgaacagcct gagagccggg 60

gacacggctg tgtattactg tgcaagaggt tgggggttcg gggagttgtg ggactactgg 120

ggccaggga 129

<210> 2758
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2758

Ile Ser Ile Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Trp Gly
20 25 30

Phe Gly Glu Leu Trp Asp Tyr Trp Gly Gln Gly
35 40

<210> 2759
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2759
atctccatac aaaatgccaa gaactccttg tatcttcaaa tgaacagcct gagagccggg 60

gacacggctg tgtattactg tgcaagaggt tgggggttcg gggagttgtg ggactactgg 120

ggccaggga 129

<210> 2760
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2760

Ile Ser Ile Gln Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Trp Gly
            20 25 30

Phe Gly Glu Leu Trp Asp Tyr Trp Gly Gln Gly
        35 40

<210> 2761
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2761
atctccatac aaaatcccaa gaactccttg tatcttcaaa tgaacagcct gagagccggg 60

gacacggctg tgtattactg tgcaagaggt tgggggttcg gggagttgtg ggactactgg 120

ggccaggga 129

<210> 2762
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2762

Ile Ser Ile Gln Asn Pro Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Trp Gly
            20 25 30

Phe Gly Glu Leu Trp Asp Tyr Trp Gly Gln Gly
        35 40

<210> 2763
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2763
atctccagag aaaatgccaa gaactccttg tatcttcaaa tgaacagcct gagagccggg 60

gacacggctg tgtattactg tgcaagaggt tgggggttcg gggagttgtg ggactactgg 120

ggccaggga 129

<210> 2764
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2764

Ile Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Trp Gly
            20   25   30

Phe Gly Glu Leu Trp Asp Tyr Trp Gly Gln Gly
        35   40

<210> 2765
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2765
atctccagag aaaatgccaa caactccttg tatcttcaaa tgaacagcct gagagccggg 60

gacacggctg tgtattactg tgcaagaggt tgggggttcg gggagttgtg ggactactgg 120

ggccaggga 129

<210> 2766
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2766

Ile Ser Arg Glu Asn Ala Asn Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Trp Gly
20 25 30

Phe Gly Glu Leu Trp Asp Tyr Trp Gly Gln Gly
35 40

<210> 2767
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2767
atctccagag aaaatcccaa gaactccttg tatcttcaaa tgaacagcct gagagccggg 60

gacacggctg tgtattactg tgcaagaggt tgggggttcg gggagttgtg ggactactgg 120

ggccaggga 129

<210> 2768
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2768

Ile Ser Arg Glu Asn Pro Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Trp Gly
20 25 30

Phe Gly Glu Leu Trp Asp Tyr Trp Gly Gln Gly
35 40

<210> 2769
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2769
atctccagag aaaatcccaa caactccttg tatcttcaaa tgaacagcct gagagccggg 60

gacacggctg tgtattactg tgcaagaggt tgggggttcg gggagttgtg ggactactgg 120

ggccaggga 129

<210> 2770
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2770

Ile Ser Arg Glu Asn Pro Asn Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Trp Gly
20 25 30

Phe Gly Glu Leu Trp Asp Tyr Trp Gly Gln Gly

35 40

<210> 2771
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2771
atctccagac aaaatgccaa gaactccttg tatcttcaaa tgaacagcct gagagccggg 60

gacacggctg tgtattactg tgcaagaggt tgggggttcg gggagttgtg ggactactgg 120

ggccaggga 129

<210> 2772
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2772

Ile Ser Arg Gln Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Trp Gly
20 25 30

Phe Gly Glu Leu Trp Asp Tyr Trp Gly Gln Gly
35 40

<210> 2773
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2773

atctccagac aaaatcccaa gaactccttg tatcttcaaa tgaacagcct gagagccggg 60

gacacggctg tgtattactg tgcaagaggt tgggggttcg gggagttgtg ggactactgg 120

ggccaggga 129

<210> 2774
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2774

Ile Ser Arg Gln Asn Pro Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Trp Gly
20 25 30

Phe Gly Glu Leu Trp Asp Tyr Trp Gly Gln Gly
35 40

<210> 2775
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2775

Cys Ala His Arg Arg Val Ala Leu Ala Thr Arg Phe Asp Ile Trp
1 5 10 15

<210> 2776
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2776
actatggacg cctccaaaaa cctggtggtc ctcacaatgg ccaacatgga ccctgaggac 60

acggccacat attattgtgc acacagaaga gtggcgttgg cgactcgttt tgatatctgg 120

ggccaaggg 129

<210> 2777
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2777

Thr Met Asp Ala Ser Lys Asn Leu Val Val Leu Thr Met Ala Asn Met
1 5 10 15

Asp Pro Glu Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Arg Val Ala
20 25 30

Leu Ala Thr Arg Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 2778
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2778
actatggacg actccaaaaa ccaggtggtc ctcacaatgg ccaacatgga ccctgaggac 60

acggccacat attattgtgc acacagaaga gtggcgttgg cgactcgttt tgatatctgg 120

ggccaaggg 129

<210> 2779
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2779

Thr Met Asp Asp Ser Lys Asn Gln Val Val Leu Thr Met Ala Asn Met
1   5   10   15

Asp Pro Glu Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Arg Val Ala
            20   25   30

Leu Ala Thr Arg Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 2780
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2780
actaaggact actccaaaaa ccaggtggtc ctcacaatgg ccaacatgga ccctgaggac   60

acggccacat attactgtgc acacagaaga gtggcgttgg cgactcgttt tgatatctgg   120

ggccaaggg   129

<210> 2781
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2781

Thr Lys Asp Tyr Ser Lys Asn Gln Val Val Leu Thr Met Ala Asn Met
1   5   10   15

Asp Pro Glu Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Arg Val Ala

20 25 30

Leu Ala Thr Arg Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 2782
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2782
actaaggacg cctccaaaaa ccaggtggtc ctcacaatgg ccaacatgga ccctgaggac 60

acggccacat attattgtgc acacagaaga gtggcgttgg cgactcgttt tgatatctgg 120

ggccaaggg 129

<210> 2783
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2783

Thr Lys Asp Ala Ser Lys Asn Gln Val Val Leu Thr Met Ala Asn Met
1 5 10 15

Asp Pro Glu Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Arg Val Ala
20 25 30

Leu Ala Thr Arg Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 2784
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2784
actaaggacg actccaaaaa cctggtggtc ctcacaatgg ccaacatgga ccctgaggac 60

acggccacat attattgtgc acacagaaga gtggcgttgg cgactcgttt tgatatctgg 120

ggccaaggg 129

<210> 2785
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2785

Thr Lys Asp Asp Ser Lys Asn Leu Val Val Leu Thr Met Ala Asn Met
1   5   10   15

Asp Pro Glu Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Arg Val Ala
            20   25   30

Leu Ala Thr Arg Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 2786
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2786
actaaggaca cctccaaaaa ccaggtggtc ctcacaatgg ccaacatgga ccctgaggac 60

acggccacat attactgtgc acacagaaga gtggcgttgg cgactcgttt tgatatctgg 120

ggccaaggg 129

<210> 2787

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2787

Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Ala Asn Met
1 5 10 15

Asp Pro Glu Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Arg Val Ala
20 25 30

Leu Ala Thr Arg Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 2788
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2788
acaaaggaca cctccaagag ccaggtggtc ctcacaatgg ccaatatgga ccctgacgac 60

acggccacat attactgtgc acacagaaga gtggcgttgg cgactcgttt tgatatttgg 120

ggccaaggg 129

<210> 2789
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2789

Thr Lys Asp Thr Ser Lys Ser Gln Val Val Leu Thr Met Ala Asn Met
1 5 10 15

Asp Pro Asp Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Arg Val Ala
            20   25   30

Leu Ala Thr Arg Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 2790
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2790
ctaacgcacg cctccaaaaa ccaggtggtc ctcacaatgg ccaacatgga ccctgaggac 60

acggccacat attattgtgc acacagaaga gtggcgttgg cgactcgttt tgatatctgg 120

ggccaaggg 129

<210> 2791
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2791

Leu Thr His Ala Ser Lys Asn Gln Val Val Leu Thr Met Ala Asn Met
1   5   10   15

Asp Pro Glu Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Arg Val Ala
            20   25   30

Leu Ala Thr Arg Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 2792
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2792
actatggacg cctccaaaaa ccaggtggtc ctcacaatgg ccaacatgga ccctgaggac 60

acggccacat attattgtgc acacagaaga gtggcgttgg cgactcgttt tgatatctgg 120

ggccaaggg 129

<210> 2793
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2793

Thr Met Asp Ala Ser Lys Asn Gln Val Val Leu Thr Met Ala Asn Met
1 5 10 15

Asp Pro Glu Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Arg Val Ala
20 25 30

Leu Ala Thr Arg Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 2794
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2794

Cys Ala His Gly Val Gly Gly Trp Asp Gly Gln Tyr Phe Asp Tyr Trp
1 5 10 15

<210> 2795

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2795
aaggacacct ccaaaagcca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cggtgttgga ggctgggatg ggcagtactt tgactactgg 120

ggccaagga 129

<210> 2796
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2796

Lys Asp Thr Ser Lys Ser Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Val Gly Gly Trp
20 25 30

Asp Gly Gln Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 2797
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2797
aaggactcct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cggtgttggc ggctgggatg ggcagtactt tgactactgg 120

ggccaggga 129

<210> 2798
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2798

Lys Asp Ser Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Val Gly Gly Trp
20 25 30

Asp Gly Gln Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 2799
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2799
aaggacacgt ccaaaaacca ggtggtcctt tcaatgacca acatggaccc tgaggacaca 60

gccacatatt actgtgcaca cggtgttgga ggctgggatg ggcaatactt tgactactgg 120

ggccaggga 129

<210> 2800
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2800

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Ser Met Thr Asn Met Asp
1 5 10 15

Pro Glu Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Val Gly Gly Trp
            20 25 30

Asp Gly Gln Tyr Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 2801
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2801
aaggacacgt ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cggtgttgga ggctgggatg ggcagtactt tgactactgg 120

ggccaggga 129

<210> 2802
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2802

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Val Gly Gly Trp
            20 25 30

Asp Gly Gln Tyr Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 2803
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2803
aaggacacct ccaaaaacca ggttgtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cggtgttgga ggctgggatg ggcaatactt tgactactgg 120

ggccaggga 129

<210> 2804
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2804
aaggacacct ccaaaaacca ggtggtcctt agaatgacca acatggaccc tgcggacaca 60

gccacatatt actgtgcaca cggtgttgga ggctgggatg ggcagtattt tgactactgg 120

gggcaggga 129

<210> 2805
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2805

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Arg Met Thr Asn Met Asp
1 5 10 15

Pro Ala Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Val Gly Gly Trp
20 25 30

Asp Gly Gln Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 2806
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2806
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cggtgttgga ggctgggatg ggcagtactt tgactactgg 120

ggccaggga 129

<210> 2807
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2807
aaggacacct ccaaaaacca ggtggtccta acaatgacca acatggaccc tgtagacaca 60

gccacatatt actgtgcaca cggtgttgga ggctgggatg ggcagtactt tgactactgg 120

ggccaggga 129

<210> 2808
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2808
aaggacaact cgaaaaacca ggtggtcctt agattgaccg acatggaccc tgcggacaca 60

gccacatatt actgtgcaca cggtgttgga ggctgggatg ggcagtattt tgactactgg 120

gggcaggga 129

<210> 2809
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2809

Lys Asp Asn Ser Lys Asn Gln Val Val Leu Arg Leu Thr Asp Met Asp
1 5 10 15

Pro Ala Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Val Gly Gly Trp
20 25 30

Asp Gly Gln Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 2810
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2810

Cys Gln Tyr Gly Ser Gly Ser Tyr Asp Trp Phe Asp Pro Trp
1 5 10

<210> 2811
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2811
atctccttag atgattcaaa gaacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tcaatatggt tcggggagtt atgactggtt cgacccctgg 120

ggccaggga 129

<210> 2812
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2812

Ile Ser Leu Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Gln Tyr Gly Ser Gly
20 25 30

Ser Tyr Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 2813
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2813
atctccatat ttcattcaaa gaacacggcg tatctgcaaa tgaacagcct taaaaccgag 60

gacacggccg tgtattactg tcaatatggt tcggggagtt atgactggtt cgacccctgg 120

ggccaggga 129

<210> 2814
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2814

Ile Ser Ile Phe His Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Gln Tyr Gly Ser Gly
20 25 30

Ser Tyr Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 2815
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2815
atctccatat atgattcaaa gaacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tcaatatggt tcggggagtt atgactggtt cgacccctgg 120

ggccaggga 129

<210> 2816
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2816

Ile Ser Ile Tyr Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Gln Tyr Gly Ser Gly
20 25 30

Ser Tyr Asp Trp Phe Asp Pro Trp Gly Gln Gly

35 40

<210> 2817
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2817
atctccatag attattcaaa gaacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tcaatatggt tcggggagtt atgactggtt cgacccctgg 120

ggccaggga 129

<210> 2818
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2818

Ile Ser Ile Asp Tyr Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Gln Tyr Gly Ser Gly
20 25 30

Ser Tyr Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 2819
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2819

atctccatag atcattcaaa gaacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tcaatatggt tcggggagtt atgactggtt cgacccctgg 120

ggccaggga 129

<210> 2820
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2820

Ile Ser Ile Asp His Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Gln Tyr Gly Ser Gly
20 25 30

Ser Tyr Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 2821
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2821
atctccagag attattcaaa caacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tcaatatggt tcggggagtt atgactggtt cgacccctgg 120

ggccaggga 129

<210> 2822
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2822

Ile Ser Arg Asp Tyr Ser Asn Asn Thr Ala Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Gln Tyr Gly Ser Gly
            20   25   30

Ser Tyr Asp Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 2823
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2823
atctccagag atgattcaaa gaacacggcg tatctgcaaa tgaacagcct gaaaaccgag   60

gacacggccg tgtattactg tcaatatggt tcggggagtt atgactggtt cgacccctgg   120

ggccaggga   129

<210> 2824
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2824

Ile Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Gln Tyr Gly Ser Gly
            20   25   30

Ser Tyr Asp Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 2825
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2825
atctccagag atcattcaaa caacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tcaatatggt tcggggagtt atgactggtt cgacccctgg 120

ggccaggga 129

<210> 2826
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2826

Ile Ser Arg Asp His Ser Asn Asn Thr Ala Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Gln Tyr Gly Ser Gly
            20   25   30

Ser Tyr Asp Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 2827
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2827
tctccagaga tgattcaaag aaccacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tcaatatggt tcggggagtt atgactggtt cgacccctgg 120

ggccaggga 129

<210> 2828
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2828

Ser Pro Glu Met Ile Gln Arg Thr Thr Ala Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Gln Tyr Gly Ser Gly
20 25 30

Ser Tyr Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 2829
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2829

Cys Thr Arg Pro Pro Tyr Gly Asp Tyr Gly Asp Tyr Trp
1 5 10

<210> 2830
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2830
accatctcca tatatgattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactaga ccccccctacg gtgactacgg tgactactgg 120

ggccaggga 129

<210> 2831
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2831

Thr Ile Ser Ile Tyr Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Pro Pro
            20   25   30

Tyr Gly Asp Tyr Gly Asp Tyr Trp Gly Gln Gly
        35   40

<210> 2832
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2832
accatctcca tagattattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactaga ccccccctacg gtgactacgg tgactactgg 120

ggccaggga 129

<210> 2833

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2833

Thr Ile Ser Ile Asp Tyr Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Pro Pro
20 25 30

Tyr Gly Asp Tyr Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 2834
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2834
accatctcca gagattattc aaagaacacg gcgtatctgc aaatgaacag ccttaaaacc 60

gaggacacgg ccgtgtatta ctgtactaga ccccccctacg gtgactacgg tgactactgg 120

ggccaggga 129

<210> 2835
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2835

Thr Ile Ser Arg Asp Tyr Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Pro Pro
            20   25   30

Tyr Gly Asp Tyr Gly Asp Tyr Trp Gly Gln Gly
        35   40

<210> 2836
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2836
accatctcca gagattattc aaacaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactaga ccccccctacg gtgactacgg tgactactgg 120

ggccaggga 129

<210> 2837
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2837

Thr Ile Ser Arg Asp Tyr Ser Asn Asn Thr Ala Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Pro Pro
            20   25   30

Tyr Gly Asp Tyr Gly Asp Tyr Trp Gly Gln Gly
        35   40

<210> 2838
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2838
accatctcca gagatgattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactaga ccccccctacg gtgactacgg tgactactgg 120

ggccaggga 129

<210> 2839
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2839

Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Pro Pro
20 25 30

Tyr Gly Asp Tyr Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 2840
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2840
aacatctcca tagatgattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactaga ccccccctacg gtgactacgg tgactactgg 120

ggccaggga 129

<210> 2841
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2841

Asn Ile Ser Ile Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Pro Pro
20 25 30

Tyr Gly Asp Tyr Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 2842
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2842
aacatctcca gatatgattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactaga ccccccctacg gtgactacgg tgactactgg 120

ggccaggga 129

<210> 2843
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2843

Asn Ile Ser Arg Tyr Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn

1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Pro Pro
20 25 30

Tyr Gly Asp Tyr Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 2844
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2844
aacatatcca gagatgattc aaagaacacg gcgtatctgc aaattaacag ccttaaaacc 60

gaggacacgg ccgtgtatta ctgtactaga ccccccctacg gtgactacgg tgactactgg 120

ggccaggga 129

<210> 2845
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2845

Asn Ile Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Ile Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Pro Pro
20 25 30

Tyr Gly Asp Tyr Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 2846

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2846
ccatctccag agatgattca aagaaccacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactaga ccccccctacg gtgactacgg tgactactgg 120

ggccaggga 129

<210> 2847
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2847

Pro Ser Pro Glu Met Ile Gln Arg Thr Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Pro Pro
20 25 30

Tyr Gly Asp Tyr Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 2848
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2848

Cys Ala Arg Glu Pro Thr Gly Gly Arg Leu Phe Asp Tyr Trp
1 5 10

<210> 2849
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2849
atcaacccag acacagccaa gaaccaattc tccctgcagc tggactctgt gactcccgag 60

gacacggctg tgtattactg tgcaagagaa ccgactgggg gccgactctt tgactactgg 120

ggccaggga 129

<210> 2850
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2850

Ile Asn Pro Asp Thr Ala Lys Asn Gln Phe Ser Leu Gln Leu Asp Ser
1 5 10 15

Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Pro Thr
            20 25 30

Gly Gly Arg Leu Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 2851
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2851
atcaacccag acacagccaa caaccaattc tccctgcagc tggactctgt gactcccgag 60

gacacggctg tgtattactg tgcaagagaa ccgactgggg gccgactctt tgactactgg 120

ggccaggga 129

<210> 2852
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2852

Ile Asn Pro Asp Thr Ala Asn Asn Gln Phe Ser Leu Gln Leu Asp Ser
1 5 10 15

Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Pro Thr
20 25 30

Gly Gly Arg Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 2853
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2853
atcaacccag acacagccaa caacaaattc tccctgcagc tggactctgt gactcccgag 60

gacacggctg tgtattactg tgcaagagaa ccgactgggg gccgactctt tgactactgg 120

ggccaggga 129

<210> 2854
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2854

Ile Asn Pro Asp Thr Ala Asn Asn Lys Phe Ser Leu Gln Leu Asp Ser
1 5 10 15

Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Pro Thr
20 25 30

Gly Gly Arg Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 2855
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2855
atcaacccag acacacccaa caaccaattc tccctgcagc tggactctgt gactcccgag 60

gacacggctg tgtattactg tgcaagagaa ccgactgggg gccgactctt tgactactgg 120

ggccaggga 129

<210> 2856
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2856

Ile Asn Pro Asp Thr Pro Asn Asn Gln Phe Ser Leu Gln Leu Asp Ser
1 5 10 15

Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Pro Thr
20 25 30

Gly Gly Arg Leu Phe Asp Tyr Trp Gly Gln Gly

35 40

<210> 2857
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2857
atcaacccac acacagccaa gaaccaattc tccctgcagc tggactctgt gactcccgag 60

gacacggctg tgtattactg tgcaagagaa ccgactgggg gccgactctt tgactactgg 120

ggccaggga 129

<210> 2858
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2858

Ile Asn Pro His Thr Ala Lys Asn Gln Phe Ser Leu Gln Leu Asp Ser
1 5 10 15

Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Pro Thr
20 25 30

Gly Gly Arg Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 2859
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2859

atcaacccac acacagccaa caaccaattc tccctgcagc tggactctgt gactcccgag 60

gacacggctg tgtattactg tgcaagagaa ccgactgggg gccgactctt tgactactgg 120

ggccaggga 129

<210> 2860
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2860

Ile Asn Pro His Thr Ala Asn Asn Gln Phe Ser Leu Gln Leu Asp Ser
1 5 10 15

Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Pro Thr
20 25 30

Gly Gly Arg Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 2861
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2861
atcaacccac acacacccaa gaaccaattc tccctgcagc tggactctgt gactcccgag 60

gacacggctg tgtattactg tgcaagagaa ccgactgggg gccgactctt tgactactgg 120

ggccaggga 129

<210> 2862
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2862

Ile Asn Pro His Thr Pro Lys Asn Gln Phe Ser Leu Gln Leu Asp Ser
1   5   10   15

Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Pro Thr
            20   25   30

Gly Gly Arg Leu Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 2863
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2863
atcaacccac acacacccaa caaccaattc tccctgcagc tggactctgt gactcccgag   60

gacacggctg tgtattactg tgcaagagaa ccgactgggg gccgactctt tgactactgg   120

ggccaggga   129

<210> 2864
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2864

Ile Asn Pro His Thr Pro Asn Asn Gln Phe Ser Leu Gln Leu Asp Ser
1   5   10   15

Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Pro Thr
            20   25   30

Gly Gly Arg Leu Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 2865
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2865

Cys Ala His Ser Val Leu Thr Pro Thr Phe Ala Tyr Trp
1   5   10

<210> 2866
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2866
caccatcacc aaggacgact ccaaaaccag gtggtcctga cattgaccaa cctggaccct 60

gtggacacag ccacatattt ctgtgcacat tcggtgctta cgccgacttt tgcctattgg 120

ggccaggga 129

<210> 2867
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2867

His His His Gln Gly Arg Leu Gln Asn Gln Val Val Leu Thr Leu Thr
1   5   10   15

Asn Leu Asp Pro Val Asp Thr Ala Thr Tyr Phe Cys Ala His Ser Val

20 25 30

Leu Thr Pro Thr Phe Ala Tyr Trp Gly Gln Gly
35 40

<210> 2868
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2868
accatcacca tgcacgactc caaaaaccag gtggtcctga cattgaccaa cctggaccct 60

gtggacacag ccacatattt ctgtgcacat tcggtgctta cgccgacttt tgcctattgg 120

ggccaggga 129

<210> 2869
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2869

Thr Ile Thr Met His Asp Ser Lys Asn Gln Val Val Leu Thr Leu Thr
1 5 10 15

Asn Leu Asp Pro Val Asp Thr Ala Thr Tyr Phe Cys Ala His Ser Val
20 25 30

Leu Thr Pro Thr Phe Ala Tyr Trp Gly Gln Gly
35 40

<210> 2870
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2870
accatcacca cggacgactc caaaaaccag gtggtcctga cattgaccaa cctggaccct 60

gtggacacag ccacatattt ctgtgcacat tcggtgctta cgccgacttt tgcctattgg 120

ggccaggga 129

<210> 2871
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2871

Thr Ile Thr Thr Asp Asp Ser Lys Asn Gln Val Val Leu Thr Leu Thr
1   5   10   15

Asn Leu Asp Pro Val Asp Thr Ala Thr Tyr Phe Cys Ala His Ser Val
            20   25   30

Leu Thr Pro Thr Phe Ala Tyr Trp Gly Gln Gly
        35   40

<210> 2872
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2872
accatcacca cgcacgactc caaaaaccag gtggtcctga cattgaccaa cctggaccct 60

gtggacacag ccacatattt ctgtgcacat tcggtgctta cgccgacttt tgcctattgg 120

ggccaggga 129

<210> 2873

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2873

Thr Ile Thr Thr His Asp Ser Lys Asn Gln Val Val Leu Thr Leu Thr
1 5 10 15

Asn Leu Asp Pro Val Asp Thr Ala Thr Tyr Phe Cys Ala His Ser Val
20 25 30

Leu Thr Pro Thr Phe Ala Tyr Trp Gly Gln Gly
35 40

<210> 2874
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2874
accatcacca aggacgactc caaaaaccag gtggtcctga cattgaccaa cctggaccct 60

gtggacacag ccacatattt ctgtgcacat tcggtgctta cgccgacttt tgcctattgg 120

ggccaggga 129

<210> 2875
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2875

Thr Ile Thr Lys Asp Asp Ser Lys Asn Gln Val Val Leu Thr Leu Thr
1 5 10 15

Asn Leu Asp Pro Val Asp Thr Ala Thr Tyr Phe Cys Ala His Ser Val
            20   25   30

Leu Thr Pro Thr Phe Ala Tyr Trp Gly Gln Gly
        35   40

<210> 2876
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2876
accaacccca cggacgactc caaaaaccag gtggtcctga cattgaccaa cctggaccct 60

gtggacacag ccacatattt ctgtgcacat tcggtgctta cgccgacttt tgcctattgg 120

ggccaggga 129

<210> 2877
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2877

Thr Asn Pro Thr Asp Asp Ser Lys Asn Gln Val Val Leu Thr Leu Thr
1   5   10   15

Asn Leu Asp Pro Val Asp Thr Ala Thr Tyr Phe Cys Ala His Ser Val
            20   25   30

Leu Thr Pro Thr Phe Ala Tyr Trp Gly Gln Gly
        35   40

<210> 2878
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2878
accaacacca tgcacgactc caaaaaccag gtggtcctga cattgaccaa cctggaccct 60

gtggacacag ccacatattt ctgtgcacat tcggtgctta cgccgacttt tgcctattgg 120

ggccaggga 129

<210> 2879
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2879

Thr Asn Thr Met His Asp Ser Lys Asn Gln Val Val Leu Thr Leu Thr
1 5 10 15

Asn Leu Asp Pro Val Asp Thr Ala Thr Tyr Phe Cys Ala His Ser Val
20 25 30

Leu Thr Pro Thr Phe Ala Tyr Trp Gly Gln Gly
35 40

<210> 2880
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2880
ccatcaccaa ggcacgactc caaaaaccag gtggtcctga cattgaccaa cctggaccct 60

gtggacacag ccacatattt ctgtgcacat tcggtgctta cgccgacttt tgcctattgg 120

ggccaggga 129

<210> 2881
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2881

Pro Ser Pro Arg His Asp Ser Lys Asn Gln Val Val Leu Thr Leu Thr
1   5   10   15

Asn Leu Asp Pro Val Asp Thr Ala Thr Tyr Phe Cys Ala His Ser Val
            20   25   30

Leu Thr Pro Thr Phe Ala Tyr Trp Gly Gln Gly
        35   40

<210> 2882
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2882

Cys Ala Lys Asp Ser Gly Gly Asn Asp Tyr Trp
1   5   10

<210> 2883
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2883
cggttcacca tctccagata taattccaag aacacgctgt atctgcaaat gaacagcctg   60

agagccgagg acacggccgt atattactgt gcgaaagatt cgggggggaa tgactactgg   120

ggccaggga 129

<210> 2884
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2884

Arg Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
20 25 30

Asp Ser Gly Gly Asn Asp Tyr Trp Gly Gln Gly
35 40

<210> 2885
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2885
cggttcacca tctccagata taattccaag aacacgctgt atctgcaaat caacagcctg 60

agagccgagg acacggccgt atattactgt gcgaaagatt cgggggggaa tgactactgg 120

ggccaggga 129

<210> 2886
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2886

```
Arg Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1               5                   10                  15


Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
            20                  25                  30


Asp Ser Gly Gly Asn Asp Tyr Trp Gly Gln Gly
        35                  40
```

<210> 2887
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2887

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cggttcacca tctccagaga taattccaag aacacgctgt atctgcaaat gaacagcctg       60

agagccgagg acacggccgt atattactgt gcgaaagatt cgggggggaa tgactactgg      120

ggccaggga                                                              129
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<210> 2888
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2888

```
Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1               5                   10                  15


Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
            20                  25                  30


Asp Ser Gly Gly Asn Asp Tyr Trp Gly Gln Gly
        35                  40
```

<210> 2889
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2889
cggttcacca tctccagaga taattccaag aacacgctgt atctgcaaat caacagcctg 60

agagccgagg acacggccgt atattactgt gcgaaagatt cgggggggaa tgactactgg 120

ggccaggga 129

<210> 2890
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2890

Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1   5   10   15

Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
            20   25   30

Asp Ser Gly Gly Asn Asp Tyr Trp Gly Gln Gly
        35   40

<210> 2891
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2891
cggttcacca tctccagaga taattccaac aacacgctgt atctgcaaat gaacagcctg 60

agagccgagg acacggccgt atattactgt gcgaaagatt cgggggggaa tgactactgg 120

ggccaggga 129

<210> 2892
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2892

Arg Phe Thr Ile Ser Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
20 25 30

Asp Ser Gly Gly Asn Asp Tyr Trp Gly Gln Gly
35 40

<210> 2893
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2893
cggttcacca tctccagaca taattccaag aacacgctgt atctgcaaat gaacagcctg 60

agagccgagg acacggccgt atattactgt gcgaaagatt cgggggggaa tgactactgg 120

ggccaggga 129

<210> 2894
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2894

Arg Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
20 25 30

Asp Ser Gly Gly Asn Asp Tyr Trp Gly Gln Gly
35 40

<210> 2895
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2895
cggttcacca tctccagaca taattccaag aacacgctgt atctgcaaat caacagcctg 60

agagccgagg acacggccgt atattactgt gcgaaagatt cgggggggaa tgactactgg 120

ggccaggga 129

<210> 2896
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2896

Arg Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
20 25 30

Asp Ser Gly Gly Asn Asp Tyr Trp Gly Gln Gly

35 40

<210> 2897
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2897
cggttcacca tctccagaca taaatccaag aacacgctgt atctgcaaat gaacagcctg 60

agagccgagg acacggccgt atattactgt gcgaaagatt cgggggggaa tgactactgg 120

ggccaggga 129

<210> 2898
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2898

Arg Phe Thr Ile Ser Arg His Lys Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
20 25 30

Asp Ser Gly Gly Asn Asp Tyr Trp Gly Gln Gly
35 40

<210> 2899
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2899

```
Cys Ala Lys Glu Gly Gly Val Tyr Cys Ser Gly Gly Ser Cys Tyr Ser
1               5                   10                  15


Asp Asp Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
            20                  25


<210>  2900
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  2900
ttgaacagcc tgagagccga ggacacggcc gtatattact gtgcgaaaga ggggggggta       60

tattgtagtg gtggtagctg ctactccgac gattactact actacggtat ggacgtctgg      120

ggccaaggg                                                              129


<210>  2901
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  2901

Leu Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
1               5                   10                  15


Glu Gly Gly Val Tyr Cys Ser Gly Gly Ser Cys Tyr Ser Asp Asp Tyr
            20                  25                  30


Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35                  40


<210>  2902
<211>  129
<212>  DNA
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2902
ttcaacagcc tcagagccga ggacacggcc gtatattact gtgcgaaaga ggggggtgta 60

tattgtagtg gtggtagctg ctactccgac gattactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 2903
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2903

Phe Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
1   5   10   15

Glu Gly Gly Val Tyr Cys Ser Gly Gly Ser Cys Tyr Ser Asp Asp Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 2904
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2904
atgaaccgcc tgcgagccga ggacacggcc gtatattact gtgcgaaaga gggggggtga 60

tattgtagtg gtggtagctg ctactccgac gattactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 2905
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2905

Met Asn Arg Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
1 5 10 15

Glu Gly Gly Val Tyr Cys Ser Gly Gly Ser Cys Tyr Ser Asp Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 2906
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2906
atgaaccgcc tgagagccga ggacacggcc gtatattact gtgcgaaaga gggggggta 60

tattgtagtg gtggtagctg ctactccgac gattactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 2907
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2907
atgaacagcc tgcgagccga ggacacggcc gtatattact gtgcgaaaga gggggggta 60

tattgtagtg gtggtagctg ctactccgac gattactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 2908
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2908

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
1 5 10 15

Glu Gly Gly Val Tyr Cys Ser Gly Gly Ser Cys Tyr Ser Asp Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 2909
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2909
atgaacagcc tgagagccga ggacacggcc gtatattact gtgcgaaaga ggggggtgta 60

tattgtagtg gtggtagctg ctactccgac gattactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 2910
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2910
atgaacagcc tgagagccga ggacacggcc gtatattact gtgcgaaaga gggggggta 60

tattgtagtg gtggtagctg ctactccgac gattactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 2911
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2911
atcaacaccc tgagcgccga ggacacggcc gtatattact gtgcgaaaga gggggggta 60

tattgtagtg gtggtagctg ctactccgac gattactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 2912
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2912

Ile Asn Thr Leu Ser Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
1 5 10 15

Glu Gly Gly Val Tyr Cys Ser Gly Gly Ser Cys Tyr Ser Asp Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 2913
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2913

Cys Val Lys Thr Gln Asn Lys Trp Gly Gly Ala Phe Asp Ile Trp
1   5   10   15

<210> 2914
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2914
tccagtcaca acaccaagaa ctccctatat ctgcaaatga acagtctgag acctgaggac   60

acggccttct attactgtgt aaaaacacaa aataagtggg ggggtgcttt tgatatctgg   120

ggcctaggg   129

<210> 2915
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2915

Ser Ser His Asn Thr Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Pro Glu Asp Thr Ala Phe Tyr Tyr Cys Val Lys Thr Gln Asn Lys
            20   25   30

Trp Gly Gly Ala Phe Asp Ile Trp Gly Leu Gly
        35   40

<210> 2916

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2916
tccagagaca acaccaagaa ctccctatat ctgcaaatga acagtctgag acctgaggac 60

acggccttct attactgtgt aaaaacacaa aataagtggg ggggtgcttt tgatatctgg 120

ggcctaggg 129

<210> 2917
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2917

Ser Arg Asp Asn Thr Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Pro Glu Asp Thr Ala Phe Tyr Tyr Cys Val Lys Thr Gln Asn Lys
20 25 30

Trp Gly Gly Ala Phe Asp Ile Trp Gly Leu Gly
35 40

<210> 2918
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2918
tccagacaca acaccaagaa ctccctatat ctgcaaatga acagtctgag acctgaggac 60

acggccttct attactgtgt aaaaacacaa aataagtggg ggggtgcttt tgatatctgg 120

ggcctaggg 129

<210> 2919
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2919

Ser Arg His Asn Thr Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Pro Glu Asp Thr Ala Phe Tyr Tyr Cys Val Lys Thr Gln Asn Lys
20 25 30

Trp Gly Gly Ala Phe Asp Ile Trp Gly Leu Gly
35 40

<210> 2920
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2920
tccagacaca acaccaagaa ctccctatat ctgcaaatga acaggctgag acctgaggac 60

acggccttct attactgtgt aaaaacacaa aataagtggg ggggtgcttt tgatatctgg 120

ggcctaggg 129

<210> 2921
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2921

Ser Arg His Asn Thr Lys Asn Ser Leu Tyr Leu Gln Met Asn Arg Leu
1 5 10 15

Arg Pro Glu Asp Thr Ala Phe Tyr Tyr Cys Val Lys Thr Gln Asn Lys
20 25 30

Trp Gly Gly Ala Phe Asp Ile Trp Gly Leu Gly
35 40

<210> 2922
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2922
tccacagaca acaccaagaa ctccctatat ctgcaaatga acaggctgag acctgaggac 60

acggccttct attactgtgt aaaaacacaa aataagtggg ggggtgcttt tgatatctgg 120

ggcctaggg 129

<210> 2923
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2923

Ser Thr Asp Asn Thr Lys Asn Ser Leu Tyr Leu Gln Met Asn Arg Leu
1 5 10 15

Arg Pro Glu Asp Thr Ala Phe Tyr Tyr Cys Val Lys Thr Gln Asn Lys
20 25 30

Trp Gly Gly Ala Phe Asp Ile Trp Gly Leu Gly
35 40

<210> 2924
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2924
tccagagaca acgccaagaa ctccctgtat ctgcaaatga acagtctgag agctgaggac 60

acggccttgt attactgtgt aaaaacacaa aataagtggg ggggtgcttt tgatatctgg 120

ggcctaggg 129

<210> 2925
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2925

Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Val Lys Thr Gln Asn Lys
20 25 30

Trp Gly Gly Ala Phe Asp Ile Trp Gly Leu Gly
35 40

<210> 2926
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2926
tccagagaca acaccaagaa ctccctatat ctgcaaatga acagtctgag atctgaggac 60

acggccttct attactgtgt aaaaacacaa aataagtggg ggggtgcttt tgatatctgg 120

ggcctaggg 129

<210> 2927
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2927

Ser Arg Asp Asn Thr Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ser Glu Asp Thr Ala Phe Tyr Tyr Cys Val Lys Thr Gln Asn Lys
20 25 30

Trp Gly Gly Ala Phe Asp Ile Trp Gly Leu Gly
35 40

<210> 2928
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2928

Cys Thr Arg Gln Asp Tyr Gly Ser Gly Lys Glu Asp Val Trp
1 5 10

<210> 2929
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2929

atctccatat atgattcaaa gaacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tactagacaa gactatggtt cagggaaaga ggacgtctgg 120

ggccaaggg 129

<210> 2930
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2930

Ile Ser Ile Tyr Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Gln Asp Tyr
20 25 30

Gly Ser Gly Lys Glu Asp Val Trp Gly Gln Gly
35 40

<210> 2931
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2931
atctccatag atcattcaaa caacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tactagacaa gactatggtt cagggaaaga ggacgtctgg 120

ggccaaggg 129

<210> 2932
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2932

Ile Ser Ile Asp His Ser Asn Asn Thr Ala Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Gln Asp Tyr
            20   25   30

Gly Ser Gly Lys Glu Asp Val Trp Gly Gln Gly
        35   40

<210> 2933
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2933
atctccagat ttgattcaaa gaacacggcg tatctgcaaa tgaacagcct gaaaaccgag   60

gacacggccg tgtattactg tactagacaa gactatggtt cagggaaaga ggacgtctgg   120

ggccaaggg   129

<210> 2934
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2934

Ile Ser Arg Phe Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Gln Asp Tyr
            20   25   30

Gly Ser Gly Lys Glu Asp Val Trp Gly Gln Gly
35 40

<210> 2935
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2935
atctccagag attattcaaa caacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tactagacaa gactatggtt cagggaaaga ggacgtctgg 120

ggccaaggg 129

<210> 2936
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2936

Ile Ser Arg Asp Tyr Ser Asn Asn Thr Ala Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Gln Asp Tyr
20 25 30

Gly Ser Gly Lys Glu Asp Val Trp Gly Gln Gly
35 40

<210> 2937
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2937
atctccagag atgattcaaa gaacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tactagacaa gactatggtt cagggaaaga ggacgtctgg 120

ggccaaggg 129

<210> 2938
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2938

Ile Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Gln Asp Tyr
20 25 30

Gly Ser Gly Lys Glu Asp Val Trp Gly Gln Gly
35 40

<210> 2939
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2939
atctccagag atcattcaaa caacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tactagacaa gactatggtt cagggaaaga ggacgtctgg 120

ggccaaggg 129

<210> 2940
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2940

Ile Ser Arg Asp His Ser Asn Asn Thr Ala Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Gln Asp Tyr
20 25 30

Gly Ser Gly Lys Glu Asp Val Trp Gly Gln Gly
35 40

<210> 2941
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2941
atctccagac atcattcaaa gaacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tactagacaa gactatggtt cagggaaaga ggacgtctgg 120

ggccaaggg 129

<210> 2942
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2942

Ile Ser Arg His His Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Gln Asp Tyr

20 25 30

Gly Ser Gly Lys Glu Asp Val Trp Gly Gln Gly
35 40

<210> 2943
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2943

Cys Thr Leu Ser Trp Asp Tyr Gly Ser Gly Ser Val Trp
1 5 10

<210> 2944
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2944
accatctcca tagattattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactctc tcctgggact atggttcggg gagtgtctgg 120

ggccaaggg 129

<210> 2945
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2945

Thr Ile Ser Ile Asp Tyr Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Leu Ser Trp
            20   25   30

Asp Tyr Gly Ser Gly Ser Val Trp Gly Gln Gly
        35   40

<210> 2946
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2946
accatctcca gagattattc aaagaacacg gcgtatctgc aaatgaacag ccttaaaacc 60

gaggacacgg ccgtgtatta ctgtactctc tcctgggact atggttcggg gagtgtctgg 120

ggccaaggg 129

<210> 2947
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2947

Thr Ile Ser Arg Asp Tyr Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Leu Ser Trp
            20   25   30

Asp Tyr Gly Ser Gly Ser Val Trp Gly Gln Gly
        35   40

<210> 2948
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2948
accatctcca gagatgattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactctc tcctgggact atggttcggg gagtgtctgg 120

ggccaaggg 129

<210> 2949
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2949

Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Leu Ser Trp
20 25 30

Asp Tyr Gly Ser Gly Ser Val Trp Gly Gln Gly
35 40

<210> 2950
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2950
accatctcca gacattattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactctc tcctgggact atggttcggg gagtgtctgg 120

ggccaaggg 129

<210> 2951
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2951

Thr Ile Ser Arg His Tyr Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Leu Ser Trp
            20   25   30

Asp Tyr Gly Ser Gly Ser Val Trp Gly Gln Gly
        35   40

<210> 2952
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2952
accatctcca gacatcattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc   60

gaggacacgg ccgtgtatta ctgtactctc tcctgggact atggttcggg gagtgtctgg   120

ggccaaggg   129

<210> 2953
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2953

Thr Ile Ser Arg His His Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn

1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Leu Ser Trp
20 25 30

Asp Tyr Gly Ser Gly Ser Val Trp Gly Gln Gly
35 40

<210> 2954
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2954
aacatctcca tagatgattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactctc tcctgggact atggttcggg gagtgtctgg 120

ggccaaggg 129

<210> 2955
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2955

Asn Ile Ser Ile Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Leu Ser Trp
20 25 30

Asp Tyr Gly Ser Gly Ser Val Trp Gly Gln Gly
35 40

<210> 2956

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2956
aacatctcca gagatcattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactctc tcctgggact atggttcggg gagtgtctgg 120

ggccaaggg 129

<210> 2957
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2957

Asn Ile Ser Arg Asp His Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Leu Ser Trp
20 25 30

Asp Tyr Gly Ser Gly Ser Val Trp Gly Gln Gly
35 40

<210> 2958
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2958

Cys Thr Ser Thr Trp Gly Gly Tyr Tyr Gly Met Asp Val Trp
1 5 10

<210> 2959
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2959
ttctccagag attattcaaa gaacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tactagtacg tggggaggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 2960
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2960

Phe Ser Arg Asp Tyr Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser
1   5   10   15

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

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 2961
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2961
ttctccagag atcattcaaa gaacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tactagtacg tggggaggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 2962
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2962

Phe Ser Arg Asp His Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser
1 5 10 15

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

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 2963
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2963
atctccatag atgattcaaa caacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tactagtacg tggggaggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 2964
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2964

Ile Ser Ile Asp Asp Ser Asn Asn Thr Ala Tyr Leu Gln Met Asn Ser
1 5 10 15

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

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 2965
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2965
atctccatag atcattcaaa gaacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tactagtacg tggggaggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 2966
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2966

Ile Ser Ile Asp His Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser
1 5 10 15

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

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly

35 40

<210> 2967
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2967
atctccagag atgattcaaa gaacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tactagtacg tggggaggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 2968
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2968

Ile Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser
1 5 10 15

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

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 2969
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2969

atctccagag atcattcaaa caacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tactagtacg tggggaggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 2970
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2970

Ile Ser Arg Asp His Ser Asn Asn Thr Ala Tyr Leu Gln Met Asn Ser
1 5 10 15

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

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 2971
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2971
atctccagac atcattcaaa gaacacggcg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacggccg tgtattactg tactagtacg tggggaggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 2972
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2972

Ile Ser Arg His His Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser
1   5   10   15

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

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 2973
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2973

Cys Ala Lys Val Glu Ala Pro Tyr Tyr Phe Asp Tyr Trp
1   5   10

<210> 2974
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2974
accatctcca tatataattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc   60

gaggacacgg ccgtatatta ctgtgcgaaa gtcgaggccc cgtactactt tgactactgg   120

ggccaggga   129

<210> 2975
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2975

Thr Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Glu
            20   25   30

Ala Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 2976
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2976
accatctcca tagataattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc   60

gaggacacgg ccgtatatta ctgtgcgaaa gtcgaggccc cgtactactt tgactactgg   120

ggccaggga   129

<210> 2977
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2977

Thr Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Glu

20 25 30

Ala Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 2978
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2978
accatctcca tacataattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gtcgaggccc cgtactactt tgactactgg 120

ggccaggga 129

<210> 2979
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2979

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Glu
20 25 30

Ala Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 2980
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2980
accatctcca gatataattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gtcgaggccc cgtactactt tgactactgg 120

ggccaggga 129

<210> 2981
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2981

Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Glu
            20   25   30

Ala Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 2982
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2982
accatctcca gagataattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gtcgaggccc cgtactactt tgactactgg 120

ggccaggga 129

<210> 2983

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2983

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Glu
20 25 30

Ala Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 2984
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2984
aacatctcca tatataattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gtcgaggccc cgtactactt tgactactgg 120

ggccaggga 129

<210> 2985
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2985

Asn Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Glu
            20   25   30

Ala Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 2986
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2986
aacatctcca tagataattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gtcgaggccc cgtactactt tgactactgg 120

ggccaggga 129

<210> 2987
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2987

Asn Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Glu
            20   25   30

Ala Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 2988
<211> 12
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2988

Cys Gly Arg Gly Gly Leu Tyr Gly Leu Asn Tyr Trp
1   5   10

<210> 2989
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2989
atcaccatga ccacagacac atccacgacc acagcctaca tggatgtgag gagcctgaga   60

tctgacgaca cggccgtata ttactgtggg agaggcggac tttacggttt gaactactgg   120

ggccaggga   129

<210> 2990
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2990

Ile Thr Met Thr Thr Asp Thr Ser Thr Thr Thr Ala Tyr Met Asp Val
1   5   10   15

Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Gly Arg Gly
            20   25   30

Gly Leu Tyr Gly Leu Asn Tyr Trp Gly Gln Gly
        35   40

<210> 2991

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2991
atcaccatga ccacacacac atccacgacc acagcctaca tggatgtgag gagcctgaga 60

tctgacgaca cggccgtata ttactgtggg agaggcggac tttacggttt gaactactgg 120

ggccaggga 129

<210> 2992
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2992

Ile Thr Met Thr Thr His Thr Ser Thr Thr Thr Ala Tyr Met Asp Val
1 5 10 15

Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Gly Arg Gly
20 25 30

Gly Leu Tyr Gly Leu Asn Tyr Trp Gly Gln Gly
35 40

<210> 2993
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2993
atcaccatga ccacacacac acccacgacc acagcctaca tggatgtgag gagcctgaga 60

tctgacgaca cggccgtata ttactgtggg agaggcggac tttacggttt gaactactgg 120

ggccaggga 129

<210> 2994
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2994

Ile Thr Met Thr Thr His Thr Pro Thr Thr Thr Ala Tyr Met Asp Val
1 5 10 15

Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Gly Arg Gly
20 25 30

Gly Leu Tyr Gly Leu Asn Tyr Trp Gly Gln Gly
35 40

<210> 2995
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2995
atcaccatga ccacacacac aaccacgacc acagcctaca tggatgtgag gagcctgaga 60

tctgacgaca cggccgtata ttactgtggg agaggcggac tttacggttt gaactactgg 120

ggccaggga 129

<210> 2996
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2996

Ile Thr Met Thr Thr His Thr Thr Thr Thr Thr Ala Tyr Met Asp Val
1 5 10 15

Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Gly Arg Gly
            20 25 30

Gly Leu Tyr Gly Leu Asn Tyr Trp Gly Gln Gly
        35 40

<210> 2997
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2997
atcaccatca ccacagacac atccacgacc acagcctaca tggatgtgag gagcctgaga 60

tctgacgaca cggccgtata ttactgtggg agaggcggac tttacggttt gaactactgg 120

ggccaggga 129

<210> 2998
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2998

Ile Thr Ile Thr Thr Asp Thr Ser Thr Thr Thr Ala Tyr Met Asp Val
1 5 10 15

Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Gly Arg Gly
            20 25 30

Gly Leu Tyr Gly Leu Asn Tyr Trp Gly Gln Gly
        35 40

<210> 2999
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 2999
atcaccatca ccacacacac atccacgacc acagcctaca tggatgtgag gagcctgaga 60

tctgacgaca cggccgtata ttactgtggg agaggcggac tttacggttt gaactactgg 120

ggccaggga 129

<210> 3000
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3000

Ile Thr Ile Thr Thr His Thr Ser Thr Thr Thr Ala Tyr Met Asp Val
1 5 10 15

Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Gly Arg Gly
20 25 30

Gly Leu Tyr Gly Leu Asn Tyr Trp Gly Gln Gly
35 40

<210> 3001
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3001
atcaccatca ccacacacac aaccacgacc acagcctaca tggatgtgag gagcctgaga 60

tctgacgaca cggccgtata ttactgtggg agaggcggac tttacggttt gaactactgg 120

ggccaggga 129

<210> 3002
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3002

Ile Thr Ile Thr Thr His Thr Thr Thr Thr Thr Ala Tyr Met Asp Val
1 5 10 15

Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Gly Arg Gly
20 25 30

Gly Leu Tyr Gly Leu Asn Tyr Trp Gly Gln Gly
35 40

<210> 3003
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3003

Cys Ala Lys Asn Lys Gly Gly Leu Pro Gly Asn Trp
1 5 10

<210> 3004
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3004

ttcaccatct ccagatacaa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaaaacaaag gtggactccc aggcaactgg 120

ggccaggga 129

<210> 3005
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3005

Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asn
20 25 30

Lys Gly Gly Leu Pro Gly Asn Trp Gly Gln Gly
35 40

<210> 3006
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3006
ttcaccatct ccagagacaa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaaaacaaag gtggactccc aggcaactgg 120

ggccaggga 129

<210> 3007
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3007

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asn
            20   25   30

Lys Gly Gly Leu Pro Gly Asn Trp Gly Gln Gly
        35   40

<210> 3008
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3008
ttcaccatct ccagagacaa ttccaagaac acgctgtatc tgaaaatcaa cagcctgaga   60

gccgaggaca cggccgtata ttactgtgcg aaaaacaaag gtggactccc aggcaactgg   120

ggccaggga   129

<210> 3009
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3009

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Lys Ile
1   5   10   15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asn
            20   25   30

Lys Gly Gly Leu Pro Gly Asn Trp Gly Gln Gly
35 40

<210> 3010
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3010
ttcaccatct ccagacacaa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaaaacaaag gtggactccc aggcaactgg 120

ggccaggga 129

<210> 3011
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3011

Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asn
20 25 30

Lys Gly Gly Leu Pro Gly Asn Trp Gly Gln Gly
35 40

<210> 3012
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3012
ttcaccatct ccagacacaa ttccaagaac acgctgtatc tgcaaatcaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaaaacaaag gtggactccc aggcaactgg 120

ggccaggga 129

<210> 3013
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3013

Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Ile
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asn
20 25 30

Lys Gly Gly Leu Pro Gly Asn Trp Gly Gln Gly
35 40

<210> 3014
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3014
ttcaccatct ccagacacaa taccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaaaacaaag gtggactccc aggcaactgg 120

ggccaggga 129

<210> 3015
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3015

Phe Thr Ile Ser Arg His Asn Thr Lys Asn Thr Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asn
            20   25   30

Lys Gly Gly Leu Pro Gly Asn Trp Gly Gln Gly
        35   40

<210> 3016
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3016
ttcaccatct ccacacacaa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga   60

gccgaggaca cggccgtata ttactgtgcg aaaaacaaag gtggactccc aggcaactgg   120

ggccaggga   129

<210> 3017
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3017

Phe Thr Ile Ser Thr His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asn

20 25 30

Lys Gly Gly Leu Pro Gly Asn Trp Gly Gln Gly
35 40

<210> 3018
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3018

Cys Ala Ser Arg Gly Gly Asp Pro Tyr Tyr Phe Asp Tyr Trp
1 5 10

<210> 3019
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3019
ttctccagag ataattccaa caacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgagtagg ggtggggacc cctactactt tgactactgg 120

ggccaggga 129

<210> 3020
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3020

Phe Ser Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Arg Gly Gly
            20   25   30

Asp Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3021
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3021
atctccatat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgagtagg ggtggggacc cctactactt tgactactgg 120

ggccaggga 129

<210> 3022
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3022

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Arg Gly Gly
            20   25   30

Asp Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3023
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3023
atctccatag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgagtagg ggtggggacc cctactactt tgactactgg 120

ggccaggga 129

<210> 3024
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3024

Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Arg Gly Gly
20 25 30

Asp Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3025
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3025
atctccatac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgagtagg ggtggggacc cctactactt tgactactgg 120

ggccaggga 129

<210> 3026
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3026

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Arg Gly Gly
20 25 30

Asp Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3027
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3027
atctccagat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgagtagg ggtggggacc cctactactt tgactactgg 120

ggccaggga 129

<210> 3028
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3028

Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser

1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Arg Gly Gly
20 25 30

Asp Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3029
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3029
atctccagat ataattccaa caacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgagtagg ggtggggacc cctactactt tgactactgg 120

ggccaggga 129

<210> 3030
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3030

Ile Ser Arg Tyr Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Arg Gly Gly
20 25 30

Asp Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3031

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3031
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgagtagg ggtggggacc cctactactt tgactactgg 120

ggccaggga 129

<210> 3032
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3032

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Arg Gly Gly
20 25 30

Asp Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3033
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3033

Cys Ala Arg Asp Ile Ala Ala Ala Gly Gly Val Val Arg Asp Tyr Trp
1 5 10 15

<210> 3034
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3034
tgggacacgt ccacgagcac tgtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag ggatatagca gcagctggtg gggtggtgag ggactactgg 120

ggccaggga 129

<210> 3035
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3035

Trp Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ile Ala Ala Ala
20 25 30

Gly Gly Val Val Arg Asp Tyr Trp Gly Gln Gly
35 40

<210> 3036
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3036
tgggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag ggatatagca gcagctggtg gggtggtgag ggactactgg 120

ggccaggga 129

<210> 3037
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3037
tgggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag ggatatagca gcagctgggg gggtggtgag ggactactgg 120

ggccaggga 129

<210> 3038
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3038
tgggacacgt ccacgagcac agtctacatg gagctgagca gcctgagagc tgaggacacg 60

gccgtgtatt actgtgcgag ggatatagca gcagctggtg gggtggtgag ggactactgg 120

ggccaggga 129

<210> 3039
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3039

Trp Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ile Ala Ala Ala
            20   25   30

Gly Gly Val Val Arg Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3040
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3040
tgggacacgc ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag ggatatagca gcagctggtg gggtggtgag ggactactgg 120

ggccaggga 129

<210> 3041
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3041

Trp Asp Thr Pro Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1   5   10   15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ile Ala Ala Ala
            20   25   30

Gly Gly Val Val Arg Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3042
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3042
agggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag ggatatagca gcagctggtg gggtggtgag ggactactgg 120

ggccaggga 129

<210> 3043
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3043

Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ile Ala Ala Ala
20 25 30

Gly Gly Val Val Arg Asp Tyr Trp Gly Gln Gly
35 40

<210> 3044
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3044

Cys Gly Gly Ser Tyr Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
1 5 10

<210> 3045

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3045
ttctccagag ataattccaa caacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgggggggtca tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3046
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3046

Phe Ser Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly Gly Ser Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3047
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3047
atctccatat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgggggggtca tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3048
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3048

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly Gly Ser Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3049
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3049
atctccatac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgggggggtca tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3050
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3050

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly Gly Ser Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3051
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3051
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgggggggtca tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3052
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3052

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly Gly Ser Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3053
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3053
atctccagac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgggggggtca tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3054
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3054

Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly Gly Ser Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3055
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3055
atctccagac ataattccaa caacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgggggtca tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3056
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3056

Ile Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly Gly Ser Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3057
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3057

Cys Ala Lys Asp Ile Ala Thr Asp Ile Val Ala Thr Glu Glu Asp Tyr
1 5 10 15

Ala Tyr Ala Leu Asp Val Trp
20

<210> 3058
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3058
ctttatttgc agatgcgcag tctgcgagct gaggacacgg ccctgtattt ctgtgcaaaa 60

gatatcgcca ctgacatagt ggcgacggag gaagactacg cctacgctct agacgtctgg 120

ggccaaggg 129

<210> 3059
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3059

Leu Tyr Leu Gln Met Arg Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr
1   5   10   15

Phe Cys Ala Lys Asp Ile Ala Thr Asp Ile Val Ala Thr Glu Glu Asp
            20   25   30

Tyr Ala Tyr Ala Leu Asp Val Trp Gly Gln Gly
        35   40

<210> 3060
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3060
ctgtatttgc tgatgagcag gctgcgagct gaggacacgg ccctgtattt ctgtgcaaaa 60

gatatcgcca ctgacatagt ggcgacggag gaagactacg cctacgctct agacgtctgg 120

ggccaaggg 129

<210> 3061

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3061

Leu Tyr Leu Leu Met Ser Arg Leu Arg Ala Glu Asp Thr Ala Leu Tyr
1 5 10 15

Phe Cys Ala Lys Asp Ile Ala Thr Asp Ile Val Ala Thr Glu Glu Asp
20 25 30

Tyr Ala Tyr Ala Leu Asp Val Trp Gly Gln Gly
35 40

<210> 3062
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3062
ctgtatttgc agatgagcag tctgcgagct gaggacacgg ccctgtattt ctgtgcaaaa 60

gatatcgcca ctgacatagt ggcgacggag gaagactacg cctacgctct agacgtctgg 120

ggccaaggg 129

<210> 3063
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3063

Leu Tyr Leu Gln Met Ser Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr
1 5 10 15

Phe Cys Ala Lys Asp Ile Ala Thr Asp Ile Val Ala Thr Glu Glu Asp
            20   25   30

Tyr Ala Tyr Ala Leu Asp Val Trp Gly Gln Gly
        35   40

<210> 3064
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3064
ctgtatttgc agatccgcag tctgcgagct gaggacacgg ccctgtattt ctgtgcaaaa 60

gatatcgcca ctgacatagt ggcgacggag gaagactacg cctacgctct agacgtctgg 120

ggccaaggg 129

<210> 3065
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3065

Leu Tyr Leu Gln Ile Arg Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr
1   5   10   15

Phe Cys Ala Lys Asp Ile Ala Thr Asp Ile Val Ala Thr Glu Glu Asp
            20   25   30

Tyr Ala Tyr Ala Leu Asp Val Trp Gly Gln Gly
        35   40

<210> 3066
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3066
atgtatttgc tgatgagcag tctgcgagct gaggacacgg ccctgtattt ctgtgcaaaa 60

gatatcgcca ctgacatagt ggcgacggag gaagactacg cctacgctct agacgtctgg 120

ggccaaggg 129

<210> 3067
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3067

Met Tyr Leu Leu Met Ser Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr
1 5 10 15

Phe Cys Ala Lys Asp Ile Ala Thr Asp Ile Val Ala Thr Glu Glu Asp
20 25 30

Tyr Ala Tyr Ala Leu Asp Val Trp Gly Gln Gly
35 40

<210> 3068
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3068
atgtatttgc agatgtgcag tctgcgagct gaggacacgg ccctgtattt ctgtgcaaaa 60

gatatcgcca ctgacatagt ggcgacggag gaagactacg cctacgctct agacgtctgg 120

ggccaaggg 129

<210> 3069
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3069

Met Tyr Leu Gln Met Cys Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr
1   5   10   15

Phe Cys Ala Lys Asp Ile Ala Thr Asp Ile Val Ala Thr Glu Glu Asp
            20   25   30

Tyr Ala Tyr Ala Leu Asp Val Trp Gly Gln Gly
        35   40

<210> 3070
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3070

Cys Ala Lys Asp Leu Gly Ser Tyr Gly Arg Phe Asp Tyr Trp
1   5   10

<210> 3071
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3071
ttctccagag acaattccaa taatacgctg tatctgcaaa tgaacagcct gagagccgag   60

gacacggccg tatattactg tgcgaaagat cttggcagct atggccgctt tgactactgg   120

ggccaggga 129

<210> 3072
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3072

Phe Ser Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Gly
20 25 30

Ser Tyr Gly Arg Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3073
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3073
ttctccagac acaattccaa gaatacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat cttggcagct atggccgctt tgactactgg 120

ggccaggga 129

<210> 3074
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3074

Phe Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Gly
            20   25   30

Ser Tyr Gly Arg Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3075
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3075
atctccatat acaattccaa gaatacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat cttggcagct atggccgctt tgactactgg 120

ggccaggga 129

<210> 3076
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3076

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Gly
            20   25   30

Ser Tyr Gly Arg Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3077
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3077
atctccatac acaattccaa gaatacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat cttggcagct atggccgctt tgactactgg 120

ggccaggga 129

<210> 3078
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3078

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Gly
            20 25 30

Ser Tyr Gly Arg Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 3079
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3079
atctccagag acaattccaa gaatacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat cttggcagct atggccgctt tgactactgg 120

ggccaggga 129

<210> 3080
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3080

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Gly
20 25 30

Ser Tyr Gly Arg Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3081
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3081
atctccagag acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat cttggcagct atggccgctt tgactactgg 120

ggccaggga 129

<210> 3082
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3082

Cys Ala Lys Asp His Gly Glu Ser Tyr Pro Trp Tyr Ser Arg Gly Gly
1 5 10 15

Gly Met Asp Val Trp
20

<210> 3083
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3083
aacacgctgt atctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatc atggcgaatc ttatccttgg tatagcaggg gaggggggtat ggacgtctgg 120

ggccaaggg 129

<210> 3084
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3084

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Asp His Gly Glu Ser Tyr Pro Trp Tyr Ser
20 25 30

Arg Gly Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3085

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3085
aacacgctgt atctgcaaat caacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatc atggcgaatc ttatccttgg tatagcaggg gaggggtat ggacgtctgg 120

ggccaaggg 129

<210> 3086
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3086

Asn Thr Leu Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Asp His Gly Glu Ser Tyr Pro Trp Tyr Ser
20 25 30

Arg Gly Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3087
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3087
aacacgatgt atctgcaaat caacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatc atggcgaatc ttatccttgg tatagcaggg gaggggtat ggacgtctgg 120

ggccaaggg 129

<210> 3088
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3088

Asn Thr Met Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Asp His Gly Glu Ser Tyr Pro Trp Tyr Ser
20 25 30

Arg Gly Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3089
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3089
aacacgatgt atctccaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatc atggcgaatc ttatccttgg tatagcaggg gaggggggtat ggacgtctgg 120

ggccaaggg 129

<210> 3090
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3090

Asn Thr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Lys Asp His Gly Glu Ser Tyr Pro Trp Tyr Ser
            20   25   30

Arg Gly Gly Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3091
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3091

Cys Ala Arg Gly Val Asp Leu Glu Pro Asp Tyr Trp
1   5   10

<210> 3092
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3092
ttcacggtct acagacacga ctcgaggaat atggtatttc ttcagatgaa cagactgaga 60

gccgaggaca cggccgtgta tttctgtgcg aggggcgtcg acctagagcc tgactactgg 120

ggccaggga 129

<210> 3093
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3093

Phe Thr Val Tyr Arg His Asp Ser Arg Asn Met Val Phe Leu Gln Met
1 5 10 15

Asn Arg Leu Arg Ala Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Gly
20 25 30

Val Asp Leu Glu Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 3094
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3094
ttcaccgtct accgacacga ctcgaggaat atggtatttc ttcagatgaa cagactgaga 60

gccgaggaca cggccgtgta tttctgtgcg aggggcgtcg acctagagcc tgactactgg 120

ggccaggga 129

<210> 3095
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3095
ttcaccgtct acagccacga ctcgaggaat atggtatttc ttcagatgaa cagactgaga 60

gccgaggaca cggccgtgta tttctgtgcg aggggcgtcg acctagagcc tgactactgg 120

ggccaggga 129

<210> 3096
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3096

Phe Thr Val Tyr Ser His Asp Ser Arg Asn Met Val Phe Leu Gln Met
1   5   10   15

Asn Arg Leu Arg Ala Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Gly
            20   25   30

Val Asp Leu Glu Pro Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3097
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3097
ttcaccgtct acagagacga ctcgaggaat atggtatttc ttcagatgaa cagactgaga   60

gccgaggaca cggccgtgta tttctgtgcg aggggcgtcg acctagagcc tgactactgg   120

ggccaggga   129

<210> 3098
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3098

Phe Thr Val Tyr Arg Asp Asp Ser Arg Asn Met Val Phe Leu Gln Met
1   5   10   15

Asn Arg Leu Arg Ala Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Gly

20 25 30

Val Asp Leu Glu Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 3099
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3099
ttcaccgtct acagacacga ctcgaggaat atggtatttc ttcagatgaa cagactgaga 60

gccgaggaca cggccgtgta tttctgtgcg aggggcgtcg acctagagcc tgactactgg 120

ggccaggga 129

<210> 3100
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3100
tccacggtct accgacacga ctcgagtaat atggtatttc ttcagatgaa cagactgaga 60

gccgaggaca cggccgtgta tttctgtgcg aggggcgtcg acctagagcc tgactactgg 120

ggccaggga 129

<210> 3101
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3101

Ser Thr Val Tyr Arg His Asp Ser Ser Asn Met Val Phe Leu Gln Met

1 5 10 15

Asn Arg Leu Arg Ala Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Gly
20 25 30

Val Asp Leu Glu Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 3102
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3102

Cys Thr Arg His Arg Val Gln Gln Pro Phe Asp Pro Trp
1 5 10

<210> 3103
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3103
accatctcca tatatgattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactaga catagggtgc agcagccttt cgacccctgg 120

ggccaggga 129

<210> 3104
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3104

Thr Ile Ser Ile Tyr Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg His Arg
20 25 30

Val Gln Gln Pro Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3105
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3105
accatctcca tagattattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactaga catagggtgc agcagccttt cgacccctgg 120

ggccaggga 129

<210> 3106
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3106

Thr Ile Ser Ile Asp Tyr Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg His Arg
20 25 30

Val Gln Gln Pro Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3107
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3107
accatctcca tagatgattc aaacaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactaga catagggtgc agcagccttt cgacccctgg 120

ggccaggga 129

<210> 3108
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3108

Thr Ile Ser Ile Asp Asp Ser Asn Asn Thr Ala Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg His Arg
            20   25   30

Val Gln Gln Pro Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 3109
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3109
accatctcca gagattattc aaagaacacg gcgtatctgc aaatgaacag ccttaaaacc 60

gaggacacgg ccgtgtatta ctgtactaga catagggtgc agcagccttt cgacccctgg 120

ggccaggga 129

<210> 3110
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3110

Thr Ile Ser Arg Asp Tyr Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg His Arg
20 25 30

Val Gln Gln Pro Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3111
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3111
accatctcca gagatgattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactaga catagggtgc agcagccttt cgacccctgg 120

ggccaggga 129

<210> 3112
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3112

Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg His Arg
20 25 30

Val Gln Gln Pro Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3113
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3113
aacatctcca tagatgattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactaga catagggtgc agcagccttt cgacccctgg 120

ggccaggga 129

<210> 3114
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3114

Asn Ile Ser Ile Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg His Arg
20 25 30

Val Gln Gln Pro Phe Asp Pro Trp Gly Gln Gly

35 40

<210> 3115
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3115

Cys Ala Lys Val Gly Pro Gly Trp Tyr Arg Val Asp Tyr Trp
1 5 10

<210> 3116
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3116
ttctccagac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagtg ggcccaggct ggtacagagt tgactactgg 120

ggccaggga 129

<210> 3117
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3117

Phe Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Gly Pro
20 25 30

Gly Trp Tyr Arg Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 3118
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3118
atctccatat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagtg ggcccaggct ggtacagagt tgactactgg 120

ggccaggga 129

<210> 3119
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3119

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Gly Pro
20 25 30

Gly Trp Tyr Arg Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 3120
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3120
atctccatag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagtg ggcccaggct ggtacagagt tgactactgg 120

ggccaggga 129

<210> 3121
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3121

Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Gly Pro
20 25 30

Gly Trp Tyr Arg Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 3122
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3122
atctccatac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagtg ggcccaggct ggtacagagt tgactactgg 120

ggccaggga 129

<210> 3123
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3123

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Gly Pro
            20   25   30

Gly Trp Tyr Arg Val Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3124
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3124
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag   60

gacacggccg tatattactg tgcgaaagtg ggcccaggct ggtacagagt tgactactgg   120

ggccaggga   129

<210> 3125
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3125

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Gly Pro

```
            20                  25                  30

Gly Trp Tyr Arg Val Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  3126
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3126
atctccagac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag       60

gacacggccg tatattactg tgcgaaagtg ggcccaggct ggtacagagt tgactactgg      120

ggccaggga                                                              129


<210>  3127
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3127

Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1               5                   10                  15


Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Gly Pro
            20                  25                  30


Gly Trp Tyr Arg Val Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  3128
<211>  12
<212>  PRT
<213>  Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3128

Cys Ala Arg Asp Gly Phe Asn Ser Gly Ser Ala Trp
1   5   10

<210> 3129
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3129
ttcaccgtct ccagagacaa cgccaagaac acgctgtatc tccaaatgaa cagtctgaga   60

gtcgaagaca cggctgtgta ttactgtgca agagatggat ttaattcggg gagtgcctgg   120

ggccaggga   129

<210> 3130
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3130

Phe Thr Val Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Arg Val Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp
            20   25   30

Gly Phe Asn Ser Gly Ser Ala Trp Gly Gln Gly
        35   40

<210> 3131
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3131
ttcaccgtct ccagagacaa cgccaagaac acgctgtatc tccaaatcaa cagtctgaga 60

gtcgaagaca cggctgtgta ttactgtgca agagatggat ttaattcggg gagtgcctgg 120

ggccaggga 129

<210> 3132
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3132

Phe Thr Val Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln Ile
1 5 10 15

Asn Ser Leu Arg Val Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp
20 25 30

Gly Phe Asn Ser Gly Ser Ala Trp Gly Gln Gly
35 40

<210> 3133
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3133
ttcaccgtct ccagagacaa cgccaacaac acgctgtatc tccaaatgaa cagtctgaga 60

gtcgaagaca cggctgtgta ttactgtgca agagatggat ttaattcggg gagtgcctgg 120

ggccaggga 129

<210> 3134
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3134

Phe Thr Val Ser Arg Asp Asn Ala Asn Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Val Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp
20 25 30

Gly Phe Asn Ser Gly Ser Ala Trp Gly Gln Gly
35 40

<210> 3135
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3135
ttcaccgtct ccagacacaa cgccaagaac acgctgtatc tccaaatgaa cagtctgaga 60

gtcgaagaca cggctgtgta ttactgtgca agagatggat ttaattcggg gagtgcctgg 120

ggccaggga 129

<210> 3136
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3136

Phe Thr Val Ser Arg His Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met

1 5 10 15

Asn Ser Leu Arg Val Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp
20 25 30

Gly Phe Asn Ser Gly Ser Ala Trp Gly Gln Gly
35 40

<210> 3137
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3137
ttcaccgtct ccagacacaa cgccaagaac acgctgtatc tccaaatgaa cagtctgaga 60

gtcgaacaca cggctgtgta ttactgtgca agagatggat ttaattcggg gagtgcctgg 120

ggccaggga 129

<210> 3138
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3138

Phe Thr Val Ser Arg His Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Val Glu His Thr Ala Val Tyr Tyr Cys Ala Arg Asp
20 25 30

Gly Phe Asn Ser Gly Ser Ala Trp Gly Gln Gly
35 40

<210> 3139

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3139
ttcaccgtct ccagacacaa cgccaagaac acgctgtatc tccaaatcaa cagtctgaga 60

gtcgaagaca cggctgtgta ttactgtgca agagatggat ttaattcggg gagtgcctgg 120

ggccaggga 129

<210> 3140
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3140

Phe Thr Val Ser Arg His Asn Ala Lys Asn Thr Leu Tyr Leu Gln Ile
1 5 10 15

Asn Ser Leu Arg Val Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp
20 25 30

Gly Phe Asn Ser Gly Ser Ala Trp Gly Gln Gly
35 40

<210> 3141
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3141

Cys Ala Lys Ser Ala Asp Glu Trp Glu Asn Asp Tyr Trp
1 5 10

<210> 3142
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3142
accatctcca tagacaattc caacaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa agcgcagacg agtgggaaaa tgactactgg 120

ggccaggga 129

<210> 3143
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3143

Thr Ile Ser Ile Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ser Ala
            20   25   30

Asp Glu Trp Glu Asn Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3144
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3144
accatctcca tacacaattc caacaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa agcgcagacg agtgggaaaa tgactactgg 120

ggccaggga 129

<210> 3145
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3145

Thr Ile Ser Ile His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ser Ala
20 25 30

Asp Glu Trp Glu Asn Asp Tyr Trp Gly Gln Gly
35 40

<210> 3146
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3146
accatctcca gagacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa agcgcagacg agtgggaaaa tgactactgg 120

ggccaggga 129

<210> 3147
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3147

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ser Ala
20 25 30

Asp Glu Trp Glu Asn Asp Tyr Trp Gly Gln Gly
35 40

<210> 3148
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3148
accatctcca gagacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa agcgcagacg aatgggaaaa tgactactgg 120

ggccaggga 129

<210> 3149
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3149
accatctcca gacacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa agcgcagacg agtgggaaaa tgactactgg 120

ggccaggga 129

<210> 3150
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3150

Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ser Ala
            20   25   30

Asp Glu Trp Glu Asn Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3151
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3151
aacatctcca tagacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc   60

gaggacacgg ccgtatatta ctgtgcgaaa agcgcagacg agtgggaaaa tgactactgg   120

ggccaggga   129

<210> 3152
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3152

Asn Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ser Ala

20 25 30

Asp Glu Trp Glu Asn Asp Tyr Trp Gly Gln Gly
35 40

<210> 3153
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3153

Cys Ala Lys Asp Pro Val Ser Thr Trp Gly Gly Asp Trp Phe Asp Pro
1 5 10 15

Trp

<210> 3154
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3154
gacaattcca agaacacgct gtatctgcaa atgaaccgcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga tcctgtatct acttgggggg gggactggtt cgacccctgg 120

ggccaggga 129

<210> 3155
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3155

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Arg Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro Val Ser Thr Trp
20 25 30

Gly Gly Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3156
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3156
gacaattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga tcctgtatct acttgggggg gggactggtt cgacccctgg 120

ggccaggga 129

<210> 3157
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3157

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro Val Ser Thr Trp
20 25 30

Gly Gly Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3158
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3158
gacaattcca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga tcctgtatct acttgggggg gggactggtt cgacccctgg 120

ggccaggga 129

<210> 3159
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3159

Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro Val Ser Thr Trp
20 25 30

Gly Gly Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3160
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3160
gacaatccca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga tcctgtatct acttgggggg gggactggtt cgacccctgg 120

ggccaggga 129

<210> 3161
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3161

Asp Asn Pro Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro Val Ser Thr Trp
20 25 30

Gly Gly Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3162
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3162
cacaattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga tcctgtatct acttgggggg gggactggtt cgacccctgg 120

ggccaggga 129

<210> 3163
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3163

His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro Val Ser Thr Trp
20 25 30

Gly Gly Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3164
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3164
cacaattcca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga tcctgtatct acttgggggg gggactggtt cgacccctgg 120

ggccaggga 129

<210> 3165
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3165

His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro Val Ser Thr Trp
20 25 30

Gly Gly Asp Trp Phe Asp Pro Trp Gly Gln Gly

35 40

<210> 3166
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3166

Cys Ala Lys Asp Gly Ala Trp Thr Tyr Tyr Tyr Asp Ser Ser Gly Ser
1 5 10 15

Arg Gly Gly Tyr Trp
20

<210> 3167
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3167
tacacgatgt atctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatg gggcgtggac gtattactat gatagtagtg gttcccgggg gggctactgg 120

ggccaggga 129

<210> 3168
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3168

Tyr Thr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Asp Gly Ala Trp Thr Tyr Tyr Tyr Asp Ser
            20   25   30

Ser Gly Ser Arg Gly Gly Tyr Trp Gly Gln Gly
        35   40

<210> 3169
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3169
aacacgctgt atctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatg gggcgtggac gtattactat gatagtagtg gttcccgggg gggctactgg 120

ggccaggga 129

<210> 3170
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3170

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Lys Asp Gly Ala Trp Thr Tyr Tyr Tyr Asp Ser
            20   25   30

Ser Gly Ser Arg Gly Gly Tyr Trp Gly Gln Gly
        35   40

<210> 3171
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3171
aacacgatgt atctgcaaat caacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatg gggcgtggac gtattactat gatagtagtg gttcccgggg gggctactgg 120

ggccaggga 129

<210> 3172
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3172

Asn Thr Met Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Asp Gly Ala Trp Thr Tyr Tyr Tyr Asp Ser
20 25 30

Ser Gly Ser Arg Gly Gly Tyr Trp Gly Gln Gly
35 40

<210> 3173
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3173
tacacgctgt atctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatg gggcgtggac gtattactat gatagtagtg gttcccgggg gggctactgg 120

ggccaggga 129

<210> 3174
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3174

Tyr Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Asp Gly Ala Trp Thr Tyr Tyr Tyr Asp Ser
20 25 30

Ser Gly Ser Arg Gly Gly Tyr Trp Gly Gln Gly
35 40

<210> 3175
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3175
aacacgctgt atctgcaaat caacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatg gggcgtggac gtattactat gatagtagtg gttcccgggg gggctactgg 120

ggccaggga 129

<210> 3176
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3176

Asn Thr Leu Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala

1 5 10 15

Val Tyr Tyr Cys Ala Lys Asp Gly Ala Trp Thr Tyr Tyr Tyr Asp Ser
20 25 30

Ser Gly Ser Arg Gly Gly Tyr Trp Gly Gln Gly
35 40

<210> 3177
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3177
aacacgatgt atctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatg gggcgtggac gtattactat gatagtagtg gttcccgggg gggctactgg 120

ggccaggga 129

<210> 3178
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3178

Asn Thr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Asp Gly Ala Trp Thr Tyr Tyr Tyr Asp Ser
20 25 30

Ser Gly Ser Arg Gly Gly Tyr Trp Gly Gln Gly
35 40

<210> 3179

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3179

Cys Ala Lys Gly Arg Gly Asp Asn Ser Trp Tyr Asp Tyr Trp
1 5 10

<210> 3180
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3180
ttctccagag ataattccaa gagcacgctg tatctgcaaa tgaacagcct gagagccgaa 60

gacacggccg tatattactg tgctaaagga agggggggaca acagctggta cgactactgg 120

ggccaggga 129

<210> 3181
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3181

Phe Ser Arg Asp Asn Ser Lys Ser Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Arg Gly
20 25 30

Asp Asn Ser Trp Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 3182
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3182
atctccatat ataattccaa gagcacgctg tatctgcaaa tgaacagcct gagagccgaa 60

gacacggccg tatattactg tgctaaagga agggggggaca acagctggta cgactactgg 120

ggccaggga 129

<210> 3183
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3183

Ile Ser Ile Tyr Asn Ser Lys Ser Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Arg Gly
            20 25 30

Asp Asn Ser Trp Tyr Asp Tyr Trp Gly Gln Gly
        35 40

<210> 3184
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3184
atctccatag ataattccaa gagcacgctg tatctgcaaa tgaacagcct gagagccgaa 60

gacacggccg tatattactg tgctaaagga agggggggaca acagctggta cgactactgg 120

ggccaggga 129

<210> 3185
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3185

Ile Ser Ile Asp Asn Ser Lys Ser Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Arg Gly
20 25 30

Asp Asn Ser Trp Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 3186
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3186
atctccagat ataattccaa gagcacgctg tatctgcaaa tgaacagcct gagagccgaa 60

gacacggccg tatattactg tgctaaagga agggggggaca acagctggta cgactactgg 120

ggccaggga 129

<210> 3187
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3187

Ile Ser Arg Tyr Asn Ser Lys Ser Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Arg Gly
20 25 30

Asp Asn Ser Trp Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 3188
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3188
atctccagag ataattccaa gagcacgctg tatctgcaaa tgaacagcct gagagccgaa 60

gacacggccg tatattactg tgctaaagga agggggggaca acagctggta cgactactgg 120

ggccaggga 129

<210> 3189
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3189

Ile Ser Arg Asp Asn Ser Lys Ser Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Arg Gly
20 25 30

Asp Asn Ser Trp Tyr Asp Tyr Trp Gly Gln Gly

35 40

<210> 3190
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3190
atctccagac ataattccaa gagcacgctg tatctgcaaa tgaacagcct gagagccgaa 60

gacacggccg tatattactg tgctaaagga agggggggaca acagctggta cgactactgg 120

ggccaggga 129

<210> 3191
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3191

Ile Ser Arg His Asn Ser Lys Ser Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Arg Gly
20 25 30

Asp Asn Ser Trp Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 3192
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3192

Cys Ala Lys Glu Ala Ala Ala Asp Gly Ser Tyr Tyr Phe Asp Tyr Trp
1   5   10   15

<210> 3193
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3193
agagacaatt ccaagaacac gctgtatctg caaatgaacc gcctgagagc cgagaacacg 60

gccgtatatt actgtgcgaa agaagcagca gcagacggta gttactactt tgactactgg 120

ggccaggga 129

<210> 3194
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3194

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Arg Leu Arg
1   5   10   15

Ala Glu Asn Thr Ala Val Tyr Tyr Cys Ala Lys Glu Ala Ala Ala Asp
            20   25   30

Gly Ser Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3195
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3195
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgataacacg 60

gccgtatatt actgtgcgaa agaagcagca gcagacggta gttactactt tgactactgg 120

ggccaggga 129

<210> 3196
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3196

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Asp Asn Thr Ala Val Tyr Tyr Cys Ala Lys Glu Ala Ala Ala Asp
20 25 30

Gly Ser Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3197
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3197
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agaagcagca gcagacggta gttactactt tgactactgg 120

ggccaggga 129

<210> 3198
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3198

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Ala Ala Ala Asp
            20   25   30

Gly Ser Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3199
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3199
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgagaacacg   60

gccgtatatt actgtgcgaa agaagcagca gcagacggta gttactactt tgactactgg   120

ggccaggga   129

<210> 3200
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3200

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asn Thr Ala Val Tyr Tyr Cys Ala Lys Glu Ala Ala Ala Asp

20 25 30

Gly Ser Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3201
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3201
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgacaacacg 60

gccgtatatt actgtgcgaa agaagcagca gcagacggta gttactactt tgactactgg 120

ggccaggga 129

<210> 3202
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3202
agagacaatt ccaacaacac gctgtatctg caaatgaaca gcctgagagc cgagaacacg 60

gccgtatatt actgtgcgaa agaagcagca gcagacggta gttactactt tgactactgg 120

ggccaggga 129

<210> 3203
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3203

Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg

1 5 10 15

Ala Glu Asn Thr Ala Val Tyr Tyr Cys Ala Lys Glu Ala Ala Ala Asp
20 25 30

Gly Ser Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3204
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3204

Cys Thr Ser Arg Ala Ala Ala Gly Pro Ile Tyr Asn Trp Phe Asp Pro
1 5 10 15

Trp

<210> 3205
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3205
gttgattcaa agaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc 60

gtgtattact gtactagccg cgcagcagct ggacccattt acaactggtt cgacccctgg 120

ggccaggga 129

<210> 3206
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3206

Val Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Ser Arg Ala Ala Ala Gly Pro
            20   25   30

Ile Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 3207
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3207
tatgattcaa agaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc   60

gtgtattact gtactagccg cgcagcagct ggacccattt acaactggtt cgacccctgg   120

ggccaggga   129

<210> 3208
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3208

Tyr Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Ser Arg Ala Ala Ala Gly Pro
            20   25   30

Ile Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3209
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3209
tttgattcaa agaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc 60

gtgtattact gtactagccg cgcagcagct ggacccattt acaactggtt cgacccctgg 120

ggccaggga 129

<210> 3210
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3210

Phe Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Ser Arg Ala Ala Ala Gly Pro
20 25 30

Ile Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3211
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3211
gttgattcaa acaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc 60

gtgtattact gtactagccg cgcagcagct ggacccattt acaactggtt cgacccctgg 120

ggccaggga 129

<210> 3212
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3212

Val Asp Ser Asn Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Ser Arg Ala Ala Ala Gly Pro
20 25 30

Ile Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3213
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3213
gatgattcaa tcaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc 60

gtgtattact gtactagccg cgcagcagct ggacccattt acaactggtt cgacccctgg 120

ggccaggga 129

<210> 3214
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3214

Asp Asp Ser Ile Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Ser Arg Ala Ala Ala Gly Pro
            20   25   30

Ile Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 3215
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3215
gatgattcaa agaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc   60

gtgtattact gtactagccg cgcagcagct ggacccattt acaactggtt cgacccctgg   120

ggccaggga   129

<210> 3216
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3216

Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Ser Arg Ala Ala Ala Gly Pro

20 25 30

Ile Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3217
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3217

Cys Ala Cys Gly His Thr Tyr Gly Tyr His Ile Asp Tyr Trp
1 5 10

<210> 3218
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3218
ttctccagag acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagtcgga 60

gacacggccg tatattactg tgcctgtgga cacacctatg gttaccacat tgactactgg 120

ggcctggga 129

<210> 3219
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3219

Phe Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Val Gly Asp Thr Ala Val Tyr Tyr Cys Ala Cys Gly His Thr
            20   25   30

Tyr Gly Tyr His Ile Asp Tyr Trp Gly Leu Gly
        35   40

<210> 3220
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3220
atctccatag acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagtcgga 60

gacacggccg tatattactg tgcctgtgga cacacctatg gttaccacat tgactactgg 120

ggcctggga 129

<210> 3221
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3221

Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Val Gly Asp Thr Ala Val Tyr Tyr Cys Ala Cys Gly His Thr
            20   25   30

Tyr Gly Tyr His Ile Asp Tyr Trp Gly Leu Gly
        35   40

<210> 3222
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3222
atctccagag acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagtcgga 60

gacacggccg tatattactg tgcctgtgga cacacctatg gttaccacat tgactactgg 120

ggcctggga 129

<210> 3223
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3223

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Val Gly Asp Thr Ala Val Tyr Tyr Cys Ala Cys Gly His Thr
20 25 30

Tyr Gly Tyr His Ile Asp Tyr Trp Gly Leu Gly
35 40

<210> 3224
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3224
atctccagag acaattccaa caacacgctg tatctgcaaa tgaacagcct gagagtcgga 60

gacacggccg tatattactg tgcctgtgga cacacctatg gttaccacat tgactactgg 120

ggcctggga 129

<210> 3225
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3225

Ile Ser Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Val Gly Asp Thr Ala Val Tyr Tyr Cys Ala Cys Gly His Thr
20 25 30

Tyr Gly Tyr His Ile Asp Tyr Trp Gly Leu Gly
35 40

<210> 3226
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3226
atctccagac acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagtcgga 60

gacacggccg tatattactg tgcctgtgga cacacctatg gttaccacat tgactactgg 120

ggcctggga 129

<210> 3227
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3227

Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser

1 5 10 15

Leu Arg Val Gly Asp Thr Ala Val Tyr Tyr Cys Ala Cys Gly His Thr
20 25 30

Tyr Gly Tyr His Ile Asp Tyr Trp Gly Leu Gly
35 40

<210> 3228
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3228
atctccagac acaattccaa caacacgctg tatctgcaaa tgaacagcct gagagtcgga 60

gacacggccg tatattactg tgcctgtgga cacacctatg gttaccacat tgactactgg 120

ggcctggga 129

<210> 3229
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3229

Ile Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Val Gly Asp Thr Ala Val Tyr Tyr Cys Ala Cys Gly His Thr
20 25 30

Tyr Gly Tyr His Ile Asp Tyr Trp Gly Leu Gly
35 40

<210> 3230

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3230

Cys Ala Arg Gly Gly Gly Trp Gly Met Thr Thr Leu Pro Pro Asp Tyr
1 5 10 15

Trp

<210> 3231
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3231
gacacgtcta agaaccagtt ctccctgaag ctgagctctg tgactgccgc ggacacggcc 60

gtgtattact gtgcgagagg gggggttgg ggcatgacta ctttaccccc cgactactgg 120

ggccaggga 129

<210> 3232
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3232

Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala
1 5 10 15

Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Gly Trp Gly Met
20 25 30

Thr Thr Leu Pro Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 3233
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3233
gacacgtcta agaaccagtt ctccctgaag ctgagctctg tgactgccgc ggacacggcc 60

gtgtattact gtgcgagagg gggggggtgg ggcatgacta ctttaccccc cgactactgg 120

ggccaggga 129

<210> 3234
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3234
gacacgtcta agaaccagtt ctccctgaag ctgagctctg tgactgccgc ggacacggcc 60

gtgtattact gtgcgagagg gggggggatgg ggcatgacta ctttaccccc cgactactgg 120

ggccaggga 129

<210> 3235
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3235
gacacgtcta acaaccagtt ctccctgaag ctgagctctg tgactgccgc ggacacggcc 60

gtgtattact gtgcgagagg gggggggttgg ggcatgacta ctttaccccc cgactactgg 120

ggccaggga 129

<210> 3236
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3236

Asp Thr Ser Asn Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala
1 5 10 15

Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Gly Trp Gly Met
20 25 30

Thr Thr Leu Pro Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 3237
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3237
gacacgtcta acaaccagtt ctccctgaag ctgagctctg tgactgccgc ggacacggcc 60

gtgtattact gtgcgagagg gggggggtgg ggcatgacta ctttaccccc cgactactgg 120

ggccaggga 129

<210> 3238
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3238

Cys Ala Lys Asn Ala Asn Asn Ile Val Asp Tyr Leu Asp Val Trp
1 5 10 15

<210> 3239
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3239
tccagagaca actccaagaa cacattgttt ctgcatttga atggcctgcg ggccggagac 60

acggccgtat atttttgtgc gaaaaacgcc aacaacatcg tcgactattt ggacgtctgg 120

ggccgaggg 129

<210> 3240
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3240

Ser Arg Asp Asn Ser Lys Asn Thr Leu Phe Leu His Leu Asn Gly Leu
1 5 10 15

Arg Ala Gly Asp Thr Ala Val Tyr Phe Cys Ala Lys Asn Ala Asn Asn
            20 25 30

Ile Val Asp Tyr Leu Asp Val Trp Gly Arg Gly
        35 40

<210> 3241
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3241
tccagacaca actccaacaa cacattgttt ctgcatttga atggcctgcg ggccggagac 60

acggccgtat atttttgtgc gaaaaacgcc aacaacatcg tcgactattt ggacgtctgg 120

ggccgaggg 129

<210> 3242
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3242

Ser Arg His Asn Ser Asn Asn Thr Leu Phe Leu His Leu Asn Gly Leu
1 5 10 15

Arg Ala Gly Asp Thr Ala Val Tyr Phe Cys Ala Lys Asn Ala Asn Asn
20 25 30

Ile Val Asp Tyr Leu Asp Val Trp Gly Arg Gly
35 40

<210> 3243
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3243
tccacagaca actccaagaa cacattgttt ctgcatttga atggcctgcg ggccggagac 60

acggccgtat atttttgtgc gaaaaacgcc aacaacatcg tcgactattt ggacgtctgg 120

ggccgaggg 129

<210> 3244
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3244

Ser Thr Asp Asn Ser Lys Asn Thr Leu Phe Leu His Leu Asn Gly Leu
1   5   10   15

Arg Ala Gly Asp Thr Ala Val Tyr Phe Cys Ala Lys Asn Ala Asn Asn
            20   25   30

Ile Val Asp Tyr Leu Asp Val Trp Gly Arg Gly
        35   40

<210> 3245
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3245
tccacagaca actccaacaa cacattgttt ctgcatttga atggcctgcg ggccggagac   60

acggccgtat atttttgtgc gaaaaacgcc aacaacatcg tcgactattt ggacgtctgg   120

ggccgaggg   129

<210> 3246
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3246

Ser Thr Asp Asn Ser Asn Asn Thr Leu Phe Leu His Leu Asn Gly Leu
1   5   10   15

Arg Ala Gly Asp Thr Ala Val Tyr Phe Cys Ala Lys Asn Ala Asn Asn

20 25 30

Ile Val Asp Tyr Leu Asp Val Trp Gly Arg Gly
35 40

<210> 3247
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3247
tccacacaca actccaagaa cacattgttt ctgcatttga atggcctgcg ggccggagac 60

acggccgtat atttttgtgc gaaaaacgcc aacaacatcg tcgactattt ggacgtctgg 120

ggccgaggg 129

<210> 3248
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3248

Ser Thr His Asn Ser Lys Asn Thr Leu Phe Leu His Leu Asn Gly Leu
1 5 10 15

Arg Ala Gly Asp Thr Ala Val Tyr Phe Cys Ala Lys Asn Ala Asn Asn
20 25 30

Ile Val Asp Tyr Leu Asp Val Trp Gly Arg Gly
35 40

<210> 3249
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3249
accacacaca actccaacaa cacattgttt ctgcatttga atggccggcg ggccggagac 60

acggccgtat atttttgtgc gaaaaacgcc aacaacatcg tcgactattt ggacgtctgg 120

ggccgaggg 129

<210> 3250
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3250

Thr Thr His Asn Ser Asn Asn Thr Leu Phe Leu His Leu Asn Gly Arg
1   5   10   15

Arg Ala Gly Asp Thr Ala Val Tyr Phe Cys Ala Lys Asn Ala Asn Asn
            20   25   30

Ile Val Asp Tyr Leu Asp Val Trp Gly Arg Gly
        35   40

<210> 3251
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3251

Cys Ala Lys Gly Lys Arg Gly Leu Gly His Leu Asp Tyr Trp
1   5   10

<210> 3252
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3252
atctccatat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagga aagaggggc tgggacacct tgactactgg 120

ggccaggga 129

<210> 3253
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3253

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Lys Arg
20 25 30

Gly Leu Gly His Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 3254
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3254
atctccatag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagga aagaggggc tgggacacct tgactactgg 120

ggccaggga 129

<210> 3255
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3255

Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Lys Arg
20 25 30

Gly Leu Gly His Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 3256
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3256
atctccatac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagga aagaggggggc tgggacacct tgactactgg 120

ggccaggga 129

<210> 3257
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3257

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser

1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Lys Arg
20 25 30

Gly Leu Gly His Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 3258
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3258
atctccagat ataattccaa gaacacgctg tgtctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagga aagaggggggc tgggacacct tgactactgg 120

ggccaggga 129

<210> 3259
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3259

Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Cys Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Lys Arg
20 25 30

Gly Leu Gly His Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 3260

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3260
atctccagag ataattccaa gaacacgctg tgtctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagga aagaggggc tgggacacct tgactactgg 120

ggccaggga 129

<210> 3261
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3261

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Cys Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Lys Arg
20 25 30

Gly Leu Gly His Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 3262
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3262
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagga aagaggggc tgggacacct tgactactgg 120

ggccaggga 129

<210> 3263
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3263

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Lys Arg
20 25 30

Gly Leu Gly His Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 3264
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3264

Cys Ala Lys Asp Pro Pro Ala Tyr Gly Met Asp Val Trp
1 5 10

<210> 3265
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3265
accttctcca gagataattc caagagcacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gatcccccgg cctatggtat ggacgtctgg 120

ggccgaggg 129

<210> 3266
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3266

Thr Phe Ser Arg Asp Asn Ser Lys Ser Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro
20 25 30

Pro Ala Tyr Gly Met Asp Val Trp Gly Arg Gly
35 40

<210> 3267
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3267
accatctcca tatataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gatcccccgg cctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3268
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3268

Thr Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro
20 25 30

Pro Ala Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3269
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3269
accatctcca tacataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gatcccccgg cctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3270
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3270

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro
20 25 30

Pro Ala Tyr Gly Met Asp Val Trp Gly Gln Gly

35 40

<210> 3271
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3271
accatctcca gagataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gatcccccgg cctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3272
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3272

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro
20 25 30

Pro Ala Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3273
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3273

accatctcca gacataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gatcccccgg cctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3274
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3274

Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro
20 25 30

Pro Ala Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3275
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3275
aacatctcca tatataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gatcccccgg cctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3276
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3276

Asn Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro
            20   25   30

Pro Ala Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3277
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3277

Cys Ala Arg Ala Tyr Arg Pro Tyr Tyr Phe Asp Tyr Trp
1   5   10

<210> 3278
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3278
tccatctcca tacacaactc caagaacacg ctgtatcttc aaatgaatag cctgagagcc   60

gaggacacgg ccgtgtatta ctgtgcgaga gcatatcgac cgtattactt tgactactgg   120

ggccaggga   129

<210> 3279
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3279

Ser Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Tyr
20 25 30

Arg Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3280
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3280
accatctcca tacacaactc caagaacacg ctgtatcttc aaatgaatag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gcatatcgac cgtattactt tgactactgg 120

ggccaggga 129

<210> 3281
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3281

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Tyr

```
            20                  25                  30

Arg Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  3282
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3282
accatctcca gagacaactc caagaacacg ctgtatcttc aaatgaatag cctgagagcc       60

gaggacacgg ccgtgtatta ctgtgcgaga gcatatcgac cgtattactt tgactactgg      120

ggccaggga                                                             129


<210>  3283
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3283

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1               5                   10                  15


Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Tyr
            20                  25                  30


Arg Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  3284
<211>  129
<212>  DNA
<213>  Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3284
accatctcca gacacaactc caagaacacg ctgtatcttc aaatgaatag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gcatatcgac cgtattactt tgactactgg 120

ggccaggga 129

<210> 3285
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3285

Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Tyr
            20   25   30

Arg Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3286
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3286
accatctcca cacacaactc caagaacacg ctgtatcttc aaatgaatag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gcatatcgac cgtattactt tgactactgg 120

ggccaggga 129

<210> 3287

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3287

Thr Ile Ser Thr His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Tyr
20 25 30

Arg Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3288
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3288

Cys Ala Lys Asp Leu Ala Tyr Gly His Ala Phe Asp Tyr Trp
1 5 10

<210> 3289
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3289
ttctccagag acaattccaa caacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat ctggcctatg gccacgcctt tgactactgg 120

ggccaggga 129

<210> 3290
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3290

Phe Ser Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Ala
            20   25   30

Tyr Gly His Ala Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3291
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3291
ttctccagac acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag   60

gacacggccg tatattactg tgcgaaagat ctggcctatg gccacgcctt tgactactgg   120

ggccaggga   129

<210> 3292
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3292

Phe Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser

1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Ala
20 25 30

Tyr Gly His Ala Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3293
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3293
atctccatac acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat ctggcctatg gccacgcctt tgactactgg 120

ggccaggga 129

<210> 3294
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3294

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Ala
20 25 30

Tyr Gly His Ala Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3295

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3295
atctccagag acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat ctggcctatg gccacgcctt tgactactgg 120

ggccaggga 129

<210> 3296
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3296

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Ala
20 25 30

Tyr Gly His Ala Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3297
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3297
atctccagac acaattccaa caacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat ctggcctatg gccacgcctt tgactactgg 120

ggccaggga 129

<210> 3298
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3298

Ile Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Ala
20 25 30

Tyr Gly His Ala Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3299
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3299

Cys Ala Asn Thr Arg Leu Val Ala Ala Thr Pro Arg Gly Thr Trp
1 5 10 15

<210> 3300
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3300
tccagagaca attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaacacacgt ctggtagctg ctactcccag aggtacctgg 120

ggccaggga 129

<210> 3301
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3301

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Asn Thr Arg Leu Val
20 25 30

Ala Ala Thr Pro Arg Gly Thr Trp Gly Gln Gly
35 40

<210> 3302
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3302
tccagacaca attccaacaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaacacacgt ctggtagctg ctactcccag aggtacctgg 120

ggccaggga 129

<210> 3303
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3303

Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Asn Thr Arg Leu Val
20 25 30

Ala Ala Thr Pro Arg Gly Thr Trp Gly Gln Gly
35 40

<210> 3304
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3304
tccacagaca attccaagaa cacgctgtat ctgcaaatga accgcctgag agccgaggac 60

acggccgtat attactgtgc gaacacacgt ctggtagctg ctactcccag aggtacctgg 120

ggccaggga 129

<210> 3305
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3305

Ser Thr Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Arg Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Asn Thr Arg Leu Val
20 25 30

Ala Ala Thr Pro Arg Gly Thr Trp Gly Gln Gly

35 40

<210> 3306
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3306
tccacagaca attccaacaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaacacacgt ctggtagctg ctactcccag aggtacctgg 120

ggccaggga 129

<210> 3307
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3307

Ser Thr Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Asn Thr Arg Leu Val
20 25 30

Ala Ala Thr Pro Arg Gly Thr Trp Gly Gln Gly
35 40

<210> 3308
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3308

tccacacaca attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaacacacgt ctggtagctg ctactcccag aggtacctgg 120

ggccaggga 129

<210> 3309
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3309

Ser Thr His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Asn Thr Arg Leu Val
20 25 30

Ala Ala Thr Pro Arg Gly Thr Trp Gly Gln Gly
35 40

<210> 3310
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3310

Cys Ala Arg Gly Gly Gln Glu Gly Pro Gly Gly Asp Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val Trp
20

<210> 3311
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3311
ttaagcacag cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgagag gcggacagga agggccgggg ggagactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3312
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3312

Leu Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly Gly Gln Glu Gly Pro Gly Gly Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3313
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3313
ataagcacag cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgagag gcggacagga agggccgggg ggagactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3314
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3314

Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg Gly Gly Gln Glu Gly Pro Gly Gly Asp
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3315
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3315
ataaccacag cctacttgga gctgagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgagag gcggacagga agggccgggg ggagactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3316
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3316

Ile Thr Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr

1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly Gly Gln Glu Gly Pro Gly Gly Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3317
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3317
ataaccacag cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgagag gcggacagga agggccgggg ggagactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3318
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3318

Ile Thr Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly Gly Gln Glu Gly Pro Gly Gly Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3319

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3319
ataaccacac cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgagag gcggacagga agggccgggg ggagactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3320
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3320

Ile Thr Thr Pro Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly Gly Gln Glu Gly Pro Gly Gly Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3321
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3321

Cys Ala Arg Asp Lys Trp Ala Ala Gly Thr Gly Tyr Trp
1 5 10

<210> 3322
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3322
accatctcca tacacaattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gataagtggg cagctggtac gggctactgg 120

ggccaggga 129

<210> 3323
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3323

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Lys
20 25 30

Trp Ala Ala Gly Thr Gly Tyr Trp Gly Gln Gly
35 40

<210> 3324
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3324
accatctcca gagacaattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gataagtggg cagctggtac gggctactgg 120

ggccaggga 129

<210> 3325
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3325

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Lys
20 25 30

Trp Ala Ala Gly Thr Gly Tyr Trp Gly Gln Gly
35 40

<210> 3326
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3326
accatctcca gacacaattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gataagtggg cagctggtac gggctactgg 120

ggccaggga 129

<210> 3327
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3327

Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Lys
20 25 30

Trp Ala Ala Gly Thr Gly Tyr Trp Gly Gln Gly
35 40

<210> 3328
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3328
accatctcca gacacaattc caagaacacg ctgtatcttc aaatcaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gataagtggg cagctggtac gggctactgg 120

ggccaggga 129

<210> 3329
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3329

Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Ile Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Lys
20 25 30

Trp Ala Ala Gly Thr Gly Tyr Trp Gly Gln Gly

35 40

<210> 3330
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3330
aacatctcca tagacaattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gataagtggg cagctggtac gggctactgg 120

ggccaggga 129

<210> 3331
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3331

Asn Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Lys
20 25 30

Trp Ala Ala Gly Thr Gly Tyr Trp Gly Gln Gly
35 40

<210> 3332
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3332

Cys Val Arg Glu Pro Thr Gly Gly Arg Leu Phe Asp Tyr Trp
1 5 10

<210> 3333
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3333
atcaacgcag acacatccac gaaccaggtc tccctgcagc tgagctctat gactcccgag 60

gacacggcta tgtattactg tgtcagagag ccgactgggg gccgactctt tgactactgg 120

ggccaggga 129

<210> 3334
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3334

Ile Asn Ala Asp Thr Ser Thr Asn Gln Val Ser Leu Gln Leu Ser Ser
1 5 10 15

Met Thr Pro Glu Asp Thr Ala Met Tyr Tyr Cys Val Arg Glu Pro Thr
            20 25 30

Gly Gly Arg Leu Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 3335
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3335
atcaacgcag acacatccac gaaccaggtc tccctgcagc tgaactctgt gactcccgag 60

gacacggcta tgtattactg tgtcagagag ccgactgggg gccgactctt tgactactgg 120

ggccaggga 129

<210> 3336
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3336

Ile Asn Ala Asp Thr Ser Thr Asn Gln Val Ser Leu Gln Leu Asn Ser
1 5 10 15

Val Thr Pro Glu Asp Thr Ala Met Tyr Tyr Cys Val Arg Glu Pro Thr
20 25 30

Gly Gly Arg Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3337
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3337
atcaacgcag acacatccac gaaccaggtc tccctgcagc tgaactctat gactcccgag 60

gacacggcta tgtattactg tgtcagagag ccgactgggg gccgactctt tgactactgg 120

ggccaggga 129

<210> 3338
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3338

Ile Asn Ala Asp Thr Ser Thr Asn Gln Val Ser Leu Gln Leu Asn Ser
1   5   10   15

Met Thr Pro Glu Asp Thr Ala Met Tyr Tyr Cys Val Arg Glu Pro Thr
            20   25   30

Gly Gly Arg Leu Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3339
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3339
atcaacgcac acacatccac gaaccaggtc tccctgcagc tgaactctgt gactcccgag   60

gacacggcta tgtattactg tgtcagagag ccgactgggg gccgactctt tgactactgg   120

ggccaggga   129

<210> 3340
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3340

Ile Asn Ala His Thr Ser Thr Asn Gln Val Ser Leu Gln Leu Asn Ser
1   5   10   15

Val Thr Pro Glu Asp Thr Ala Met Tyr Tyr Cys Val Arg Glu Pro Thr

20 25 30

Gly Gly Arg Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3341
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3341
atcaacgcac acacatccac gaaccagggc tccctgcagc tgagctctat gactcccgag 60

gacacggcta tgtattactg tgtcagagag ccgactgggg gccgactctt tgactactgg 120

ggccaggga 129

<210> 3342
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3342

Ile Asn Ala His Thr Ser Thr Asn Gln Gly Ser Leu Gln Leu Ser Ser
1 5 10 15

Met Thr Pro Glu Asp Thr Ala Met Tyr Tyr Cys Val Arg Glu Pro Thr
20 25 30

Gly Gly Arg Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3343
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3343

Cys Ala Arg Leu Tyr Ser Ser Ser Trp Tyr Phe Ile Arg Gly Trp Phe
1   5   10   15

Asp Pro Trp

<210> 3344
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3344
tccaaaaccc tggtggtcct tacaatgacc aacatggacc ctgtggacac agccacgtat   60

tactgtgcac ggctctatag cagcagctgg tactttatcc gtggctggtt cgacccctgg   120

ggccaggga   129

<210> 3345
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3345

Ser Lys Thr Leu Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp
1   5   10   15

Thr Ala Thr Tyr Tyr Cys Ala Arg Leu Tyr Ser Ser Ser Trp Tyr Phe
            20   25   30

Ile Arg Gly Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 3346
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3346
tccaaaaccc cggtggtcct tacaatgacc aacatggacc ctgtggacac agccacgtat 60

tactgtgcac ggctctatag cagcagctgg tactttatcc gtggctggtt cgacccctgg 120

ggccaggga 129

<210> 3347
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3347

Ser Lys Thr Pro Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp
1 5 10 15

Thr Ala Thr Tyr Tyr Cys Ala Arg Leu Tyr Ser Ser Ser Trp Tyr Phe
            20 25 30

Ile Arg Gly Trp Phe Asp Pro Trp Gly Gln Gly
        35 40

<210> 3348
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3348
tccaaaaacc aggtggtcct tacaatgacc aacatggacc ctgtggacac agccacgtat 60

tactgtgcac ggctctatag cagcagctgg tactttatcc gtggctggtt cgacccctgg 120

ggccaggga 129

<210> 3349
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3349

Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp
1 5 10 15

Thr Ala Thr Tyr Tyr Cys Ala Arg Leu Tyr Ser Ser Ser Trp Tyr Phe
20 25 30

Ile Arg Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3350
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3350
tcaaaaaacc aggtggtcct tacaatgacc aacatggacc ctgtggacac agccacttat 60

tactgtgcac ggctctatag cagcagctgg tactttatcc gtggctggtt cgacccctgg 120

ggccaggga 129

<210> 3351
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3351
ctccaaaacc aggtggtcct tacaatgacc aacatggacc ctgtggacac agccacgtat 60

tactgtgcac ggctctatag cagcagctgg tactttatcc gtggctggtt cgacccctgg 120

ggccaggga 129

<210> 3352
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3352

Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp
1 5 10 15

Thr Ala Thr Tyr Tyr Cys Ala Arg Leu Tyr Ser Ser Ser Trp Tyr Phe
20 25 30

Ile Arg Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3353
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3353

Cys Leu Arg Asp Trp Pro Pro Gly Asn Phe Trp
1 5 10

<210> 3354
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3354
cggttcacca tctccagata caattccaag aacacgctgt atctgcaaat gaacagcctg 60

agagacgagg acacggccgt atattactgt cttagagact ggccccctgg gaacttctgg 120

ggccaggga 129

<210> 3355
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3355

Arg Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1   5   10   15

Met Asn Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr Cys Leu Arg
            20   25   30

Asp Trp Pro Pro Gly Asn Phe Trp Gly Gln Gly
        35   40

<210> 3356
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3356
cggttcacca tctccagata caattccaag aacacgctgt atctgcaaat caacagcctg 60

agagacgagg acacggccgt atattactgt cttagagact ggccccctgg gaacttctgg 120

ggccaggga 129

<210> 3357

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3357

Arg Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Ile Asn Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr Cys Leu Arg
20 25 30

Asp Trp Pro Pro Gly Asn Phe Trp Gly Gln Gly
35 40

<210> 3358
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3358
cggttcacca tctccagaga caattccaag aacacgctgt atctgcaaat gaacagcctg 60

agagacgagg acacggccgt atattactgt cttagagact ggccccctgg gaacttctgg 120

ggccaggga 129

<210> 3359
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3359

Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr Cys Leu Arg
            20   25   30

Asp Trp Pro Pro Gly Asn Phe Trp Gly Gln Gly
        35   40

<210> 3360
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3360
cggttcacca tctccagaca caattccaag aacacgctgt atctgcaaat caacagcctg 60

agagacgagg acacggccgt atattactgt cttagagact ggccccctgg gaacttctgg 120

ggccaggga 129

<210> 3361
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3361

Arg Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1   5   10   15

Ile Asn Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr Cys Leu Arg
            20   25   30

Asp Trp Pro Pro Gly Asn Phe Trp Gly Gln Gly
        35   40

<210> 3362
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3362
cggttcacca tctccagaca aaattccaag aacacgctgt atctgcaaat gaacagcctg 60

agagacgagg acacggccgt atattactgt cttagagact ggccccctgg gaacttctgg 120

ggccaggga 129

<210> 3363
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3363

Arg Phe Thr Ile Ser Arg Gln Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr Cys Leu Arg
20 25 30

Asp Trp Pro Pro Gly Asn Phe Trp Gly Gln Gly
35 40

<210> 3364
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3364

Cys Ala Leu His Tyr Gly Ser Gly Arg Ser Phe Asp Tyr Trp
1 5 10

<210> 3365

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3365
atctccatat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgttacac tatggttcgg ggcggagctt tgactactgg 120

ggccaggga 129

<210> 3366
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3366

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Leu His Tyr Gly
20 25 30

Ser Gly Arg Ser Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3367
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3367
atctccatat ataattccaa caacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgttacac tatggttcgg ggcggagctt tgactactgg 120

ggccaggga 129

<210> 3368
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3368

Ile Ser Ile Tyr Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Leu His Tyr Gly
20 25 30

Ser Gly Arg Ser Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3369
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3369
atctccatac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgttacac tatggttcgg ggcggagctt tgactactgg 120

ggccaggga 129

<210> 3370
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3370

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Leu His Tyr Gly
20 25 30

Ser Gly Arg Ser Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3371
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3371
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgttacac tatggttcgg ggcggagctt tgactactgg 120

ggccaggga 129

<210> 3372
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3372

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Leu His Tyr Gly
20 25 30

Ser Gly Arg Ser Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3373
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3373
atctccagac ataattccaa caacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgttacac tatggttcgg ggcggagctt tgactactgg 120

ggccaggga 129

<210> 3374
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3374

Ile Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Leu His Tyr Gly
            20   25   30

Ser Gly Arg Ser Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3375
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3375

Cys Ala Lys Gly Asn Arg Asp Ser Gly Trp Thr Pro Trp

1 5 10

<210> 3376
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3376
accatctcca tagacaattc caagaacacg ctctatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa ggtaatcggg acagtggctg gacccctgg 120

ggccaggga 129

<210> 3377
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3377

Thr Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Asn
20 25 30

Arg Asp Ser Gly Trp Thr Pro Trp Gly Gln Gly
35 40

<210> 3378
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3378

accatctcca tacacaattc caagaacacg ctctatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa ggtaatcggg acagtggctg gacccctgg 120

ggccaggga 129

<210> 3379
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3379

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Asn
20 25 30

Arg Asp Ser Gly Trp Thr Pro Trp Gly Gln Gly
35 40

<210> 3380
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3380
accatctcca gagacaattc caagaacacg ctctatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa ggtaatcggg acagtggctg gacccctgg 120

ggccaggga 129

<210> 3381
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3381

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Asn
            20   25   30

Arg Asp Ser Gly Trp Thr Pro Trp Gly Gln Gly
        35   40

<210> 3382
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3382
accatctcca gacacaattc caagaacacg ctctatctgc aaatgaacag cctgagagcc   60

gaggacacgg ccgtatatta ctgtgcgaaa ggtaatcggg acagtggctg gacccccctgg   120

ggccaggga   129

<210> 3383
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3383

Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Asn
            20   25   30

Arg Asp Ser Gly Trp Thr Pro Trp Gly Gln Gly
35 40

<210> 3384
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3384
accatctcca cacacaattc caagaacacg ctctatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa ggtaatcggg acagtggctg gacccctgg 120

ggccaggga 129

<210> 3385
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3385

Thr Ile Ser Thr His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Asn
20 25 30

Arg Asp Ser Gly Trp Thr Pro Trp Gly Gln Gly
35 40

<210> 3386
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3386

Cys Ala Lys Asp Arg Val Asp Gly Tyr Gly Asp Tyr Pro Trp
1 5 10

<210> 3387
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3387
atctccatag acaattccaa gaatactctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattcctg tgcgaaagac cgtgtggacg gctacggtga ctatccctgg 120

ggccaggga 129

<210> 3388
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3388

Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Ser Cys Ala Lys Asp Arg Val
20 25 30

Asp Gly Tyr Gly Asp Tyr Pro Trp Gly Gln Gly
35 40

<210> 3389
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3389
atctccatac acaattccaa gaatactctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattcctg tgcgaaagac cgtgtggacg gctacggtga ctatccctgg 120

ggccaggga 129

<210> 3390
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3390

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Ser Cys Ala Lys Asp Arg Val
            20   25   30

Asp Gly Tyr Gly Asp Tyr Pro Trp Gly Gln Gly
        35   40

<210> 3391
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3391
atctccagag acaattccaa gaatactctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattcctg tgcgaaagac cgtgtggacg gctacggtga ctatccctgg 120

ggccaggga 129

<210> 3392

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3392

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Ser Cys Ala Lys Asp Arg Val
20 25 30

Asp Gly Tyr Gly Asp Tyr Pro Trp Gly Gln Gly
35 40

<210> 3393
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3393
atctccagac acaattccaa taatactctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattcctg tgcgaaagac cgtgtggacg gctacggtga ctatccctgg 120

ggccaggga 129

<210> 3394
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3394

Ile Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Ser Cys Ala Lys Asp Arg Val
            20   25   30

Asp Gly Tyr Gly Asp Tyr Pro Trp Gly Gln Gly
        35   40

<210> 3395
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3395
atctccacag acaattccaa taatactctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattcctg tgcgaaagac cgtgtggacg gctacggtga ctatccctgg 120

ggccaggga 129

<210> 3396
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3396

Ile Ser Thr Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Ser Cys Ala Lys Asp Arg Val
            20   25   30

Asp Gly Tyr Gly Asp Tyr Pro Trp Gly Gln Gly
        35   40

<210> 3397
<211> 14
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3397

Cys Val Arg Glu Pro Ser Asn Thr Leu Tyr Phe Asp Phe Trp
1   5   10

<210> 3398
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3398
ttgaccgggg acacgtccac gagcacagtc tacatggaac tgagcagcct gagatctgag   60

gacacggccg tgtatttctg tgtgagagag ccctctaata ctctgtactt tgacttctgg   120

ggccaggga   129

<210> 3399
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3399

Leu Thr Gly Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser
1   5   10   15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Phe Cys Val Arg Glu Pro Ser
            20   25   30

Asn Thr Leu Tyr Phe Asp Phe Trp Gly Gln Gly
        35   40

<210> 3400

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3400
ttgaccgggg acacgtccac gagcacagtc tacatggaac tgagcagcct gagatctgag 60

gacacggccg tgtatttctg tgtgagagag ccctccaata ctctgtactt tgacttctgg 120

ggccaggga 129

<210> 3401
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3401
atgaccgggg gcacgtccac gagcacagtc tacatggaac tgagcagcct gagatctgag 60

gacacggccg tgtatttctg tgtgagagag ccctccaata ctctgtactt tgacttctgg 120

ggccaggga 129

<210> 3402
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3402

Met Thr Gly Gly Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Phe Cys Val Arg Glu Pro Ser
20 25 30

Asn Thr Leu Tyr Phe Asp Phe Trp Gly Gln Gly

35 40

<210> 3403
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3403
atgaccgggg acacgtccac gagcacagtc tacatggaac tgagcagcct gagatctgag 60

gacacggccg tgtatttctg tgtgagagag ccctctaata ctctgtactt tgacttctgg 120

ggccaggga 129

<210> 3404
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3404

Met Thr Gly Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Phe Cys Val Arg Glu Pro Ser
20 25 30

Asn Thr Leu Tyr Phe Asp Phe Trp Gly Gln Gly
35 40

<210> 3405
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3405

atgaccgggg acacgtccac gagcacagtc tacatggaac tgagcagcct gagatctgag 60

gacacggccg tgtatttctg tgtgagagag ccctccaata ctctgtactt tgacttctgg 120

ggccaggga 129

<210> 3406
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3406

Cys Ala Arg Asp Leu Asp Lys Ser Gly Asp Trp Tyr Phe Asp Leu Trp
1 5 10 15

<210> 3407
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3407
cggacaaatc ccacgaccac agcctacatg gaactgacca gcctgagacc tgaggacacg 60

gccatgtatt tctgtgcgcg agatctagat aaatctgggg actggtactt cgatctctgg 120

ggccgtggc 129

<210> 3408
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3408

Arg Thr Asn Pro Thr Thr Thr Ala Tyr Met Glu Leu Thr Ser Leu Arg
1 5 10 15

Pro Glu Asp Thr Ala Met Tyr Phe Cys Ala Arg Asp Leu Asp Lys Ser
            20   25   30

Gly Asp Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 3409
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3409
gcgtacaaac ccacgaccac agcctacatg gaactgacca gcctgagacc tgaggacacg 60

gccatgtatt tctgtgcgcg agatctagat aaatctgggg actggtactt cgatctctgg 120

ggccgtggc 129

<210> 3410
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3410

Ala Tyr Lys Pro Thr Thr Thr Ala Tyr Met Glu Leu Thr Ser Leu Arg
1   5   10   15

Pro Glu Asp Thr Ala Met Tyr Phe Cys Ala Arg Asp Leu Asp Lys Ser
            20   25   30

Gly Asp Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 3411
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3411
gcggacaaat ccacgaccac agcctacatg gaactgacca gcctgagacc tgaggacacg 60

gccatgtatt tctgtgcgcg agatctagat aaatctgggg actggtactt cgatctctgg 120

ggccgtggc 129

<210> 3412
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3412

Ala Asp Lys Ser Thr Thr Thr Ala Tyr Met Glu Leu Thr Ser Leu Arg
1 5 10 15

Pro Glu Asp Thr Ala Met Tyr Phe Cys Ala Arg Asp Leu Asp Lys Ser
20 25 30

Gly Asp Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 3413
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3413
gcggaaaaac ccacgaccac agcctacatg gaactgacca gcctgagacc tgaggacacg 60

gccatgtatt tctgtgcgcg agatctagat aaatctgggg actggtactt cgatctctgg 120

ggccgtggc 129

<210> 3414
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3414

Ala Glu Lys Pro Thr Thr Thr Ala Tyr Met Glu Leu Thr Ser Leu Arg
1 5 10 15

Pro Glu Asp Thr Ala Met Tyr Phe Cys Ala Arg Asp Leu Asp Lys Ser
20 25 30

Gly Asp Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 3415
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3415
gcgaacaaac ccacgaccac agcctacatg gaactgacca gcctgagacc tgaggacacg 60

gccatgtatt tctgtgcgcg agatctagat aaatctgggg actggtactt cgatctctgg 120

ggccgtggc 129

<210> 3416
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3416

Ala Asn Lys Pro Thr Thr Thr Ala Tyr Met Glu Leu Thr Ser Leu Arg

1 5 10 15

Pro Glu Asp Thr Ala Met Tyr Phe Cys Ala Arg Asp Leu Asp Lys Ser
20 25 30

Gly Asp Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 3417
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3417

Cys Ala Arg Gly Gly Asp Tyr Tyr Gly Asp Trp
1 5 10

<210> 3418
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3418
cgattcacca tctccagaga caattccaag aacacgctgt atcttcaaat gaacagcctg 60

agagccgaag acacggccgt gtattactgt gcgagaggcg gtgactacta cggggactgg 120

ggccaggga 129

<210> 3419
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3419

Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1   5   10   15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg
            20   25   30

Gly Gly Asp Tyr Tyr Gly Asp Trp Gly Gln Gly
        35   40

<210> 3420
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3420
cgattcacca tctccagaga caattccaac aacacgctgt atcttcaaat caacagcctg 60

agagccgaag acacggccgt gtattactgt gcgagaggcg gtgactacta cggggactgg 120

ggccaggga 129

<210> 3421
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3421

Arg Phe Thr Ile Ser Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln
1   5   10   15

Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg
            20   25   30

Gly Gly Asp Tyr Tyr Gly Asp Trp Gly Gln Gly
        35   40

<210> 3422
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3422
cgattcacca tctccagaga caataccaag aacacgctgt atcttcaaat caacagcctg 60

agagccgaag acacggccgt gtattactgt gcgagaggcg gtgactacta cggggactgg 120

ggccaggga 129

<210> 3423
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3423

Arg Phe Thr Ile Ser Arg Asp Asn Thr Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg
20 25 30

Gly Gly Asp Tyr Tyr Gly Asp Trp Gly Gln Gly
35 40

<210> 3424
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3424
cgattcacca tctccagaca caattccaag aacacgctgt atcttcaaat caacagcctg 60

agagccgaag acacggccgt gtattactgt gcgagaggcg gtgactacta cggggactgg 120

ggccaggga 129

<210> 3425
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3425

Arg Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg
20 25 30

Gly Gly Asp Tyr Tyr Gly Asp Trp Gly Gln Gly
35 40

<210> 3426
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3426
cgatacacca tctccagaga caattccaag aacacgctgt atcttcaaat caacagcctg 60

agagccgaag acacggccgt gtattactgt gcgagaggcg gtgactacta cggggactgg 120

ggccaggga 129

<210> 3427
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3427

Arg Tyr Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg
20 25 30

Gly Gly Asp Tyr Tyr Gly Asp Trp Gly Gln Gly
35 40

<210> 3428
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3428

Cys Ala Lys Arg Val Val Leu Ala Ala Asp Ala Phe Asp Val Trp
1 5 10 15

<210> 3429
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3429
acctgggaca cctccataac cacagcctac atggagctga gcagcctgag atctgaagac 60

acggccgtat attactgtgc gaaaagggtg gtattagctg ccgacgcttt tgatgtctgg 120

ggccaaggg 129

<210> 3430
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3430

Thr Trp Asp Thr Ser Ile Thr Thr Ala Tyr Met Glu Leu Ser Ser Leu
1   5   10   15

Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Arg Val Val Leu
            20   25   30

Ala Ala Asp Ala Phe Asp Val Trp Gly Gln Gly
        35   40

<210> 3431
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3431
accagggaca cctccataac cacagcctac atggagctga gcggcctgag atctgaagac   60

acggccgtat attactgtgc gaaaagggtg gtattagctg ccgacgcttt tgatgtctgg   120

ggccaaggg   129

<210> 3432
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3432

Thr Arg Asp Thr Ser Ile Thr Thr Ala Tyr Met Glu Leu Ser Gly Leu
1   5   10   15

Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Arg Val Val Leu
            20   25   30

Ala Ala Asp Ala Phe Asp Val Trp Gly Gln Gly
35 40

<210> 3433
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3433
accagggaca cctccataac cacagcctac atggagctga gcagcctgag atctgaagac 60

acggccgtat attactgtgc gaaaagggtg gtattagctg ccgacgcttt tgatgtctgg 120

ggccaaggg 129

<210> 3434
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3434

Thr Arg Asp Thr Ser Ile Thr Thr Ala Tyr Met Glu Leu Ser Ser Leu
1 5 10 15

Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Arg Val Val Leu
20 25 30

Ala Ala Asp Ala Phe Asp Val Trp Gly Gln Gly
35 40

<210> 3435
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3435
accagggaca cctccataac cacaccctac atggagctga gcagcctgag atctgaagac 60

acggccgtat attactgtgc gaaaagggtg gtattagctg ccgacgcttt tgatgtctgg 120

ggccaaggg 129

<210> 3436
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3436

Thr Arg Asp Thr Ser Ile Thr Thr Pro Tyr Met Glu Leu Ser Ser Leu
1 5 10 15

Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Arg Val Val Leu
20 25 30

Ala Ala Asp Ala Phe Asp Val Trp Gly Gln Gly
35 40

<210> 3437
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3437
accaggcaca cctccataac cacagcctac atggagctga gcagcctgag atctgaagac 60

acggccgtat attactgtgc gaaaagggtg gtattagctg ccgacgcttt tgatgtctgg 120

ggccaaggg 129

<210> 3438
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3438

Thr Arg His Thr Ser Ile Thr Thr Ala Tyr Met Glu Leu Ser Ser Leu
1 5 10 15

Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Arg Val Val Leu
20 25 30

Ala Ala Asp Ala Phe Asp Val Trp Gly Gln Gly
35 40

<210> 3439
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3439

Cys Ala Lys Gln Ile Gly Gly Tyr Ser Tyr Gly Tyr Thr Asp Val Trp
1 5 10 15

<210> 3440
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3440
tgtgatagct ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa acaaattggt ggatacagct atggttatac ggacgtctgg 120

ggccaaggg 129

<210> 3441

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3441

Cys Asp Ser Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

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

Ser Tyr Gly Tyr Thr Asp Val Trp Gly Gln Gly
35 40

<210> 3442
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3442
atatataact ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa acaaattggt ggatacagct atggttatac ggacgtctgg 120

ggccaaggg 129

<210> 3443
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3443

Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

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

Ser Tyr Gly Tyr Thr Asp Val Trp Gly Gln Gly
        35   40

<210> 3444
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3444
agatataact ccaacaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa acaaattggt ggatacagct atggttatac ggacgtctgg 120

ggccaaggg 129

<210> 3445
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3445

Arg Tyr Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

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

Ser Tyr Gly Tyr Thr Asp Val Trp Gly Gln Gly
        35   40

<210> 3446
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3446
agagatagct ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa acaaattggt ggatacagct atggttatac ggacgtctgg 120

ggccaaggg 129

<210> 3447
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3447

Arg Asp Ser Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

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

Ser Tyr Gly Tyr Thr Asp Val Trp Gly Gln Gly
35 40

<210> 3448
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3448
agagataact ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa acaaattggt ggatacagct atggttatac ggacgtctgg 120

ggccaaggg 129

<210> 3449
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3449

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

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

Ser Tyr Gly Tyr Thr Asp Val Trp Gly Gln Gly
        35   40

<210> 3450
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3450

Cys Ala Lys Gly Leu Trp Phe Gly Gly Gly Trp Phe Asp Pro Trp
1   5   10   15

<210> 3451
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3451
tccagagata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac   60

acggccgtat attactgtgc gaaaggacta tggttcgggg ggggctggtt cgacccctgg   120

ggccaggga 129

<210> 3452
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3452

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Leu Trp Phe
20 25 30

Gly Gly Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3453
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3453
tccagagata attccaacaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaaggacta tggttcgggg ggggctggtt cgacccctgg 120

ggccaggga 129

<210> 3454
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3454

```
Ser Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1               5                   10                  15


Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Leu Trp Phe
            20                  25                  30


Gly Gly Gly Trp Phe Asp Pro Trp Gly Gln Gly
        35                  40


<210>  3455
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3455
tccagacata attccaacaa cacgctgtat ctgcaaatga acagcctgag agccgaggac       60

acggccgtat attactgtgc gaaaggacta tggttcgggg ggggctggtt cgacccctgg      120

ggccaggga                                                              129


<210>  3456
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3456

Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1               5                   10                  15


Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Leu Trp Phe
            20                  25                  30


Gly Gly Gly Trp Phe Asp Pro Trp Gly Gln Gly
        35                  40
```

<210> 3457
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3457
tccacagata attccaacaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaaggacta tggttcgggg ggggctggtt cgacccctgg 120

ggccaggga 129

<210> 3458
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3458

Ser Thr Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Leu Trp Phe
            20   25   30

Gly Gly Gly Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 3459
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3459
tacagagata attccaagaa cacgctgtat ctgcaaatga accgcctgag agccgaggac 60

acggccgtat attactgtgc gaaaggacta tggttcgggg ggggctggtt cgacccctgg 120

ggccaggga 129

<210> 3460
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3460

Tyr Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Arg Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Leu Trp Phe
20 25 30

Gly Gly Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3461
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3461

Cys Ala Lys Asn Ser Gly Tyr Asp Tyr Tyr Phe Asp Tyr Trp
1 5 10

<210> 3462
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3462

atctccatac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaaat agtggctacg attactactt tgactactgg 120

ggccaggga 129

<210> 3463
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3463

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asn Ser Gly
20 25 30

Tyr Asp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3464
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3464
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaaat agtggctacg attactactt tgactactgg 120

ggccaggga 129

<210> 3465
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3465

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asn Ser Gly
            20   25   30

Tyr Asp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3466
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3466
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag   60

gacacgaccg tatattactg tgcgaaaaat agtggctacg attactactt tgactactgg   120

ggccaggga   129

<210> 3467
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3467

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Thr Val Tyr Tyr Cys Ala Lys Asn Ser Gly
            20   25   30

Tyr Asp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3468
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3468
atctccagag ataattccaa caacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacgaccg tatattactg tgcgaaaaat agtggctacg attactactt tgactactgg 120

ggccaggga 129

<210> 3469
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3469

Ile Ser Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Thr Val Tyr Tyr Cys Ala Lys Asn Ser Gly
20 25 30

Tyr Asp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3470
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3470
atctccagac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacgaccg tatattactg tgcgaaaaat agtggctacg attactactt tgactactgg 120

ggccaggga 129

<210> 3471
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3471

Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Thr Val Tyr Tyr Cys Ala Lys Asn Ser Gly
20 25 30

Tyr Asp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3472
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3472

Cys Ala Arg Asp Ser Ser Gly Trp Ser Arg Asp Tyr Trp
1 5 10

<210> 3473
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3473
accatctcca tagattattc caagaacact ctgtatctgc aaatgaacag cctgagagtc 60

gaagacacgg ccatatatta ctgtgcgaga gatagtagtg gctggtcccg tgattactgg 120

ggccaggga 129

<210> 3474
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3474

Thr Ile Ser Ile Asp Tyr Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Val Glu Asp Thr Ala Ile Tyr Tyr Cys Ala Arg Asp Ser
            20   25   30

Ser Gly Trp Ser Arg Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3475
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3475
accatctcca tagatgattc caagaacact ctgtatctgc aaatgaacag cctgagagtc 60

gaagacacgg ccatatatta ctgtgcgaga gatagtagtg gctggtcccg tgattactgg 120

ggccaggga 129

<210> 3476

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3476

Thr Ile Ser Ile Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Val Glu Asp Thr Ala Ile Tyr Tyr Cys Ala Arg Asp Ser
20 25 30

Ser Gly Trp Ser Arg Asp Tyr Trp Gly Gln Gly
35 40

<210> 3477
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3477
accatctcca gagattattc caagaacact ctgtatctgc aaatgaacag cctgagagtc 60

gaagacacgg ccatatatta ctgtgcgaga gatagtagtg gctggtcccg tgattactgg 120

ggccaggga 129

<210> 3478
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3478

Thr Ile Ser Arg Asp Tyr Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Val Glu Asp Thr Ala Ile Tyr Tyr Cys Ala Arg Asp Ser
            20   25   30

Ser Gly Trp Ser Arg Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3479
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3479
accatctcca gagatgattc caagaacact ctgtatctgc aaatgaacag cctgagagtc 60

gaagacacgg ccatatatta ctgtgcgaga gatagtagtg gctggtcccg tgattactgg 120

ggccaggga 129

<210> 3480
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3480

Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Val Glu Asp Thr Ala Ile Tyr Tyr Cys Ala Arg Asp Ser
            20   25   30

Ser Gly Trp Ser Arg Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3481
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3481
aacatctcca gatattattc caagaacact ctgtatctgc aaatgaacag cctgagaggc 60

gaacacacgg ccatatatta ctgtgcgaga gatagtagtg gctggtcccg tgattactgg 120

ggccaggga 129

<210> 3482
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3482

Asn Ile Ser Arg Tyr Tyr Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Gly Glu His Thr Ala Ile Tyr Tyr Cys Ala Arg Asp Ser
20 25 30

Ser Gly Trp Ser Arg Asp Tyr Trp Gly Gln Gly
35 40

<210> 3483
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3483

Cys Ile Arg Gly Gly Ser Pro Asp Tyr Phe Asp Tyr Trp
1 5 10

<210> 3484

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3484
tgcatttcca gagatcattc aaagaacacg gcgtatctgc agatgaacag cctgaaaacc 60

gaagacacgg ccgtctatta ttgtatcaga ggtgggagcc ctgactactt tgactattgg 120

ggccaggga 129

<210> 3485
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3485

Cys Ile Ser Arg Asp His Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ile Arg Gly Gly
20 25 30

Ser Pro Asp Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3486
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3486
tgcatttcca gacatgattc aaagaacacg gcgtatctgc agatgaacag cctgaaaacc 60

gaagacacgg ccgtctatta ttgtatcaga ggtgggagcc ctgactactt tgactattgg 120

ggccaggga 129

<210> 3487
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3487

Cys Ile Ser Arg His Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ile Arg Gly Gly
20 25 30

Ser Pro Asp Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3488
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3488
agcatttcca gagatgattc aaagaacacg gcgtatctgc agatgaacag cctgaaaacc 60

gaagacacgg ccgtctatta ttgtatcaga ggtgggagcc ctgactactt tgactattgg 120

ggccaggga 129

<210> 3489
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3489

Ser Ile Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ile Arg Gly Gly
            20 25 30

Ser Pro Asp Tyr Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 3490
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3490
agcatttcca gacatcattc aaagaacacg gcgtatctgc agatgaacag cctgaaaacc 60

gaagacacgg ccgtctatta ttgtatcaga ggtgggagcc ctgactactt tgactattgg 120

ggccaggga 129

<210> 3491
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3491

Ser Ile Ser Arg His His Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ile Arg Gly Gly
            20 25 30

Ser Pro Asp Tyr Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 3492
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3492
accatttcca gacatgattc aaagaacacg gcgtatctgc agatgaacag cctgaaaacc 60

gaagacacgg ccgtctatta ttgtatcaga ggtgggagcc ctgactactt tgactattgg 120

ggccaggga 129

<210> 3493
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3493

Thr Ile Ser Arg His Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ile Arg Gly Gly
20 25 30

Ser Pro Asp Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3494
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3494

Cys Ala Thr Leu Trp Phe Gly Glu Ser Asn Asp Tyr Trp

1 5 10

<210> 3495
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3495
accatctcca tatataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgact ctatggttcg gggagtcgaa tgactactgg 120

ggccaggga 129

<210> 3496
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3496

Thr Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Leu Trp
20 25 30

Phe Gly Glu Ser Asn Asp Tyr Trp Gly Gln Gly
35 40

<210> 3497
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3497

accatctcca tacataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgact ctatggttcg gggagtcgaa tgactactgg 120

ggccaggga 129

<210> 3498
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3498

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Leu Trp
20 25 30

Phe Gly Glu Ser Asn Asp Tyr Trp Gly Gln Gly
35 40

<210> 3499
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3499
accatctcca gagataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgact ctatggttcg gggagtcgaa tgactactgg 120

ggccaggga 129

<210> 3500
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3500

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Leu Trp
            20   25   30

Phe Gly Glu Ser Asn Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3501
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3501
aacatctcca tatataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc   60

gaggacacgg ccgtatatta ctgtgcgact ctatggttcg gggagtcgaa tgactactgg   120

ggccaggga   129

<210> 3502
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3502

Asn Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Leu Trp
            20   25   30

Phe Gly Glu Ser Asn Asp Tyr Trp Gly Gln Gly
35 40

<210> 3503
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3503
aacatctcca gatataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgact ctatggttcg gggagtcgaa tgactactgg 120

ggccaggga 129

<210> 3504
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3504

Asn Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Leu Trp
20 25 30

Phe Gly Glu Ser Asn Asp Tyr Trp Gly Gln Gly
35 40

<210> 3505
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3505

Cys Ala Lys Asp Arg Ser Asp Pro Pro Trp Ile Phe Gly Val Val Met
1 5 10 15

Gly Tyr Tyr Gly Met Asp Val Trp
20

<210> 3506
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3506
tttctgaaaa tgaacagcct gagagccgag gacacggccg tatattactg tgcgaaagat 60

cggagtgatc ccccttggat ttttggagtg gttatgggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3507
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3507

Phe Leu Lys Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Lys Asp Arg Ser Asp Pro Pro Trp Ile Phe Gly Val Val Met
20 25 30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3508

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3508
tttatgcaaa tgaacagcct gagagccgag gacacggccg tatattactg tgcgaaagat 60

cggagtgatc ccccttggat ttttggagtg gttatgggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3509
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3509

Phe Met Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Lys Asp Arg Ser Asp Pro Pro Trp Ile Phe Gly Val Val Met
20 25 30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3510
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3510
tatctgcaaa tgaacagcct gagagccgag gacacggccg tatattactg tgcgaaagat 60

cggagtgatc ccccttggat ttttggagtg gttatgggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3511
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3511

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Lys Asp Arg Ser Asp Pro Pro Trp Ile Phe Gly Val Val Met
20 25 30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3512
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3512
tatctgaaaa tcaacagcct gagagccgag gacacggccg tatattactg tgcgaaagat 60

cggagtgatc ccccttggat ttttggagtg gttatgggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3513
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3513

Tyr Leu Lys Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Lys Asp Arg Ser Asp Pro Pro Trp Ile Phe Gly Val Val Met
            20 25 30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35 40

<210> 3514
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3514
tatatgaaaa tgaacagcct gagagccgag gacacggccg tatattactg tgcgaaagat 60

cggagtgatc ccccttggat ttttggagtg gttatgggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3515
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3515

Tyr Met Lys Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Lys Asp Arg Ser Asp Pro Pro Trp Ile Phe Gly Val Val Met
            20 25 30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35 40

<210> 3516
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3516

Cys Ala Arg Gly Gly Gly Glu Phe Asp Cys Trp
1 5 10

<210> 3517
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3517
cggttcacca tctccagaga caaatccaag aacacgctgt ttctgcaaat ggacagcctg 60

agagccgagg acacggccat atatttctgt gcgaggggggg gtggtgagtt tgactgctgg 120

ggccaggga 129

<210> 3518
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3518

Arg Phe Thr Ile Ser Arg Asp Lys Ser Lys Asn Thr Leu Phe Leu Gln
1 5 10 15

Met Asp Ser Leu Arg Ala Glu Asp Thr Ala Ile Tyr Phe Cys Ala Arg
20 25 30

Gly Gly Gly Glu Phe Asp Cys Trp Gly Gln Gly

35 40

<210> 3519
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3519
cggttcacca tctccagaca caaatccaag aacacgctgt ttctgcaaat ggacagcctg 60

agagccgagg acacggccat atatttctgt gcgaggggggg gtggtgagtt tgactgctgg 120

ggccaggga 129

<210> 3520
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3520

Arg Phe Thr Ile Ser Arg His Lys Ser Lys Asn Thr Leu Phe Leu Gln
1 5 10 15

Met Asp Ser Leu Arg Ala Glu Asp Thr Ala Ile Tyr Phe Cys Ala Arg
20 25 30

Gly Gly Gly Glu Phe Asp Cys Trp Gly Gln Gly
35 40

<210> 3521
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3521

cggttcacca tctccagaca caaaaccaag aacacgctgt ttctgcaaat ggacagcctg 60

agagccgagg acacggccat atatttctgt gcgaggggg gtggtgagtt tgactgctgg 120

ggccaggga 129

<210> 3522
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3522

Arg Phe Thr Ile Ser Arg His Lys Thr Lys Asn Thr Leu Phe Leu Gln
1 5 10 15

Met Asp Ser Leu Arg Ala Glu Asp Thr Ala Ile Tyr Phe Cys Ala Arg
20 25 30

Gly Gly Gly Glu Phe Asp Cys Trp Gly Gln Gly
35 40

<210> 3523
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3523
cggttcacca tctccacaga caaatccaag aacacgctgt ttctgcaaat ggacagcctg 60

agagccgagg acacggccat atatttctgt gcgaggggg gtggtgagtt tgactgctgg 120

ggccaggga 129

<210> 3524
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3524

Arg Phe Thr Ile Ser Thr Asp Lys Ser Lys Asn Thr Leu Phe Leu Gln
1   5   10   15

Met Asp Ser Leu Arg Ala Glu Asp Thr Ala Ile Tyr Phe Cys Ala Arg
            20   25   30

Gly Gly Gly Glu Phe Asp Cys Trp Gly Gln Gly
        35   40

<210> 3525
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3525
cggatcacca tctccagaca caaatccaag aacacgctgt ttctgcaaat ggacagcctg   60

agagccgagg acacggccat atatttctgt gcgagggggg gtggtgagtt tgactgctgg   120

ggccaggga   129

<210> 3526
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3526

Arg Ile Thr Ile Ser Arg His Lys Ser Lys Asn Thr Leu Phe Leu Gln
1   5   10   15

Met Asp Ser Leu Arg Ala Glu Asp Thr Ala Ile Tyr Phe Cys Ala Arg
            20   25   30

Gly Gly Gly Glu Phe Asp Cys Trp Gly Gln Gly
35 40

<210> 3527
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3527

Cys Ala Arg Glu Gly Gly Ala Pro Ser Tyr Asn Trp Phe Asp Pro Trp
1 5 10 15

<210> 3528
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3528
tggaacacct ccataagcac agcctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agagggggggg gccccctcgt acaactggtt cgacccctgg 120

ggccaggga 129

<210> 3529
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3529

Trp Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Gly Gly Ala Pro

```
            20                  25                  30

Ser Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35                  40


<210>  3530
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3530
agtaacacct ccataagcac agcctacatg gagctgagca gcctgagatc tgaggacacg       60

gccgtgtatt actgtgcgag agaggggggg gccccctcgt acaactggtt cgacccctgg      120

ggccaggga                                                              129


<210>  3531
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3531

Ser Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1               5                   10                  15


Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Gly Gly Ala Pro
            20                  25                  30


Ser Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35                  40


<210>  3532
<211>  129
<212>  DNA
<213>  Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3532
aggaacacct ccatacgcac agcctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agaggggggg gccccctcgt acaactggtt cgacccctgg 120

ggccaggga 129

<210> 3533
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3533

Arg Asn Thr Ser Ile Arg Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1   5   10   15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Gly Gly Ala Pro
            20   25   30

Ser Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 3534
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3534
aggaacacct ccataagcac agcctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agaggggggg gccccctcgt acaactggtt cgacccctgg 120

ggccaggga 129

<210> 3535

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3535

Arg Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Gly Gly Ala Pro
20 25 30

Ser Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3536
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3536
aggaacacct ccataaccac agcctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agaggggggg gccccctcgt acaactggtt cgacccctgg 120

ggccaggga 129

<210> 3537
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3537

Arg Asn Thr Ser Ile Thr Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Gly Gly Ala Pro
            20   25   30

Ser Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 3538
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3538

Cys Ala Lys Thr Tyr Asp Tyr Gly Asp Tyr Val Gly Tyr Trp
1   5   10

<210> 3539
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3539
atctccatat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag   60

gacacggccg tatattactg tgcgaaaacc tatgactacg gtgactacgt gggctactgg   120

ggccaggga   129

<210> 3540
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3540

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser

1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Thr Tyr Asp
20 25 30

Tyr Gly Asp Tyr Val Gly Tyr Trp Gly Gln Gly
35 40

<210> 3541
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3541
atctccatac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaacc tatgactacg gtgactacgt gggctactgg 120

ggccaggga 129

<210> 3542
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3542

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Thr Tyr Asp
20 25 30

Tyr Gly Asp Tyr Val Gly Tyr Trp Gly Gln Gly
35 40

<210> 3543

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3543
atctccagat ataattccaa caacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaacc tatgactacg gtgactacgt gggctactgg 120

ggccaggga 129

<210> 3544
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3544

Ile Ser Arg Tyr Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Thr Tyr Asp
20 25 30

Tyr Gly Asp Tyr Val Gly Tyr Trp Gly Gln Gly
35 40

<210> 3545
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3545
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaacc tatgactacg gtgactacgt gggctactgg 120

ggccaggga 129

<210> 3546
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3546

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Thr Tyr Asp
20 25 30

Tyr Gly Asp Tyr Val Gly Tyr Trp Gly Gln Gly
35 40

<210> 3547
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3547
atctccagac ataattccaa caacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaacc tatgactacg gtgactacgt gggctactgg 120

ggccaggga 129

<210> 3548
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3548

Ile Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Thr Tyr Asp
            20   25   30

Tyr Gly Asp Tyr Val Gly Tyr Trp Gly Gln Gly
        35   40

<210> 3549
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3549

Cys Ala Lys Asp Leu Trp Arg Gly Gly Leu Phe Asp Tyr Trp
1   5   10

<210> 3550
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3550
atctccatag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat ctttggaggg ggggtctctt tgactactgg 120

ggccaggga 129

<210> 3551
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3551

Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Trp
20 25 30

Arg Gly Gly Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3552
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3552
atctccatac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat ctttggaggg ggggtctctt tgactactgg 120

ggccaggga 129

<210> 3553
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3553

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Trp
20 25 30

Arg Gly Gly Leu Phe Asp Tyr Trp Gly Gln Gly

35 40

<210> 3554
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3554
atctccagat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat ctttggaggg ggggtctctt tgactactgg 120

ggccaggga 129

<210> 3555
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3555

Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Trp
20 25 30

Arg Gly Gly Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3556
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3556

atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat ctttggaggg ggggtctctt tgactactgg 120

ggccaggga 129

<210> 3557
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3557

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Trp
20 25 30

Arg Gly Gly Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3558
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3558
atctccagac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat ctttggaggg ggggtctctt tgactactgg 120

ggccaggga 129

<210> 3559
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3559

Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Trp
            20   25   30

Arg Gly Gly Leu Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3560
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3560

Cys Gly Gly Ser Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
1   5   10

<210> 3561
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3561
accatctcca tagataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc   60

gaggacacgg ccgtatatta ctgtgggggg tcatactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 3562
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3562

Thr Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly Gly Ser Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3563
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3563
accatctcca gatataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc   60

gaggacacgg ccgtatatta ctgtgggggg tcatactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 3564
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3564

Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly Gly Ser Tyr

20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3565
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3565
accatctcca gagataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgggggg tcatactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3566
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3566

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly Gly Ser Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3567
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3567
accatctcca gagataattc caagaacacg ctgtatctgc aaatcaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgggggg tcatactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3568
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3568

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Ile Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly Gly Ser Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3569
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3569
accatctcca gacataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgggggg tcatactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3570

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3570

Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly Gly Ser Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3571
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3571

Cys Ala Arg Asp Pro Asn Ala Glu Gly Gly Ala Val Ala Gly Pro His
1 5 10 15

Gly Met Asp Val Trp
20

<210> 3572
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3572
tgcacagcct acttggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagatc ccaacgccga agggggagca gtggctggtc cccacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3573
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3573

Cys Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Pro Asn Ala Glu Gly Gly Ala Val Ala
20 25 30

Gly Pro His Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3574
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3574
tgcacagcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagatc ccaacgccga agggggagca gtggctggtc cccacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3575
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3575

Cys Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Pro Asn Ala Glu Gly Gly Ala Val Ala
20 25 30

Gly Pro His Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3576
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3576
agcacagcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagatc ccaacgccga agggggagca gtggctggtc cccacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3577
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3577

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Pro Asn Ala Glu Gly Gly Ala Val Ala
20 25 30

Gly Pro His Gly Met Asp Val Trp Gly Gln Gly

35 40

<210> 3578
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3578
agcacagcct acatggagct gagcagcctg agatctgagg acacggccat gtattactgt 60

gcgagagatc ccaacgccga agggggagca gtggctggtc cccacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3579
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3579

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Met Tyr Tyr Cys Ala Arg Asp Pro Asn Ala Glu Gly Gly Ala Val Ala
20 25 30

Gly Pro His Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3580
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3580

agcacagcct acatggagct gagcagcctg agatctgagg acacagccgt gtattactgt 60

gcgagagatc ccaacgccga agggggagca gtggctggtc cccacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3581
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3581

Cys Ala Lys Ala Asp Ser Tyr Tyr Asp Ile Leu Thr Gly Phe Trp Ser
1 5 10 15

Gly Ser Tyr Asp Tyr Trp
20

<210> 3582
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3582
tcgatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagctgact cgtattacga tattttgact ggtttttggt ccggaagtta tgactactgg 120

ggccaggga 129

<210> 3583
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3583

```
Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1               5                   10                  15


Tyr Tyr Cys Ala Lys Ala Asp Ser Tyr Tyr Asp Ile Leu Thr Gly Phe
            20                  25                  30


Trp Ser Gly Ser Tyr Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  3584
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3584
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg       60

aaagctgact cgtattacga tattttgact ggtttttggt ccggaagtta tgactactgg      120

ggccaggga                                                              129


<210>  3585
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3585

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1               5                   10                  15


Tyr Tyr Cys Ala Lys Ala Asp Ser Tyr Tyr Asp Ile Leu Thr Gly Phe
            20                  25                  30


Trp Ser Gly Ser Tyr Asp Tyr Trp Gly Gln Gly
        35                  40
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<210> 3586
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3586
acgatgtatc tgcaaatgaa cagcctgaga gccgagtaca cggccgtata ttactgtgcg 60

aaagctgact cgtattacga tattttgact ggtttttggt ccggaagtta tgactactgg 120

ggccaggga 129

<210> 3587
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3587

Thr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Tyr Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Ala Asp Ser Tyr Tyr Asp Ile Leu Thr Gly Phe
20 25 30

Trp Ser Gly Ser Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 3588
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3588
acgatgtatc tgcaaatcaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagctgact cgtattacga tattttgact ggtttttggt ccggaagtta tgactactgg 120

ggccaggga 129

<210> 3589
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3589

Thr Met Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Ala Asp Ser Tyr Tyr Asp Ile Leu Thr Gly Phe
20 25 30

Trp Ser Gly Ser Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 3590
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3590
acgatgtatc tccaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagctgact cgtattacga tattttgact ggtttttggt ccggaagtta tgactactgg 120

ggccaggga 129

<210> 3591
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3591

Thr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Ala Asp Ser Tyr Tyr Asp Ile Leu Thr Gly Phe
20 25 30

Trp Ser Gly Ser Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 3592
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3592

Cys Ala Lys Gly Leu Ser Ala Tyr Ile Ser Phe Phe Asp Asp Trp
1 5 10 15

<210> 3593
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3593
tccagttata attcccaaaa cactctgtat ctgcaaatga acagcctgag agccgaagac 60

acggccgtat attactgtgc gaaagggcta agtgcctaca tttcgttctt tgatgactgg 120

ggccaggga 129

<210> 3594
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3594

Ser Ser Tyr Asn Ser Gln Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Leu Ser Ala
            20   25   30

Tyr Ile Ser Phe Phe Asp Asp Trp Gly Gln Gly
        35   40

<210> 3595
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3595
tccagtgata attccgaaaa cactctgtat ctgcaaatga acagcctgag agccgaagac   60

acggccgtat attactgtgc gaaagggcta agtgcctaca tttcgttctt tgatgactgg   120

ggccaggga   129

<210> 3596
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3596

Ser Ser Asp Asn Ser Glu Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Leu Ser Ala
            20   25   30

Tyr Ile Ser Phe Phe Asp Asp Trp Gly Gln Gly
35 40

<210> 3597
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3597
tccagtgata attcccaaaa cactctgtat ctgcaaatga accgcctgag agccgaagac 60

acggccgtat attactgtgc gaaagggcta agtgcctaca tttcgttctt tgatgactgg 120

ggccaggga 129

<210> 3598
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3598

Ser Ser Asp Asn Ser Gln Asn Thr Leu Tyr Leu Gln Met Asn Arg Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Leu Ser Ala
20 25 30

Tyr Ile Ser Phe Phe Asp Asp Trp Gly Gln Gly
35 40

<210> 3599
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3599
tccagtgata attcccaaaa cactctgtat ctgcaaatga acagcctgag agccgaagac 60

acggccgtat attactgtgc gaaagggcta agtgcctaca tttcgttctt tgatgactgg 120

ggccaggga 129

<210> 3600
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3600

Ser Ser Asp Asn Ser Gln Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Leu Ser Ala
20 25 30

Tyr Ile Ser Phe Phe Asp Asp Trp Gly Gln Gly
35 40

<210> 3601
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3601
tccagtgata attcccaaaa cactctgtat ctgcaaatca acagcctgag agccgaagac 60

acggccgtat attactgtgc gaaagggcta agtgcctaca tttcgttctt tgatgactgg 120

ggccaggga 129

<210> 3602
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3602

Ser Ser Asp Asn Ser Gln Asn Thr Leu Tyr Leu Gln Ile Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Leu Ser Ala
            20   25   30

Tyr Ile Ser Phe Phe Asp Asp Trp Gly Gln Gly
        35   40

<210> 3603
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3603

Cys Ala Arg Gly Arg Gly Asn Glu Asn Phe Asp Tyr Trp
1   5   10

<210> 3604
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3604
accatctcca tagaaaatgc caagaactcc ttgtatcttc aaatgaacag cctgagagcc   60

ggtgacacgg ctgtgtatta ctgtgcaaga gggaggggaa acgagaactt tgactactgg   120

ggccaggga   129

<210> 3605

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3605

Thr Ile Ser Ile Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg
20 25 30

Gly Asn Glu Asn Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3606
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3606
accatctcca tacaaaatgc caagaactcc ttgtatcttc aaatgaacag cctgagagcc 60

ggggacacgg ctgtgtatta ctgtgcaaga gggaggggaa acgagaactt tgactactgg 120

ggccaggga 129

<210> 3607
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3607

Thr Ile Ser Ile Gln Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg
            20   25   30

Gly Asn Glu Asn Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3608
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3608
accatctcca gagaaaatgc caagaactcc ttgtatcttc aaatgaacag cctgagagcc 60

ggggacacgg ctgtgtatta ctgtgcaaga gggaggggaa acgagaactt tgactactgg 120

ggccaggga 129

<210> 3609
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3609

Thr Ile Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg
            20   25   30

Gly Asn Glu Asn Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3610
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3610
aacatctcca tagaaaatgc caagaactcc ttgtatcttc aaatgaacag cctgagagcc 60

ggggacacgg ctgtgtatta ctgtgcaaga gggaggggaa acgagaactt tgactactgg 120

ggccaggga 129

<210> 3611
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3611

Asn Ile Ser Ile Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg
20 25 30

Gly Asn Glu Asn Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3612
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3612
aacatctcca gagaaaatgc caagaactcc ttgtatcttc aaatgaacag cctgagagcc 60

ggtgacacgg ctgtgtatta ctgtgcaaga gggaggggaa acgagaactt tgactactgg 120

ggccaggga 129

<210> 3613
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3613

Asn Ile Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg
            20   25   30

Gly Asn Glu Asn Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3614
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3614

Cys Thr Arg Glu Phe Trp Gly Phe Gly Glu Asp Tyr Trp
1   5   10

<210> 3615
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3615
accatctcaa gagattattc caaaagcatc gcctatctgc aaatcaacag ccttaaaacc   60

gagcacacag ccgtgtatta ctgtactaga gagttctggg ggttcgggga agactactgg   120

ggccaggga 129

<210> 3616
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3616

Thr Ile Ser Arg Asp Tyr Ser Lys Ser Ile Ala Tyr Leu Gln Ile Asn
1 5 10 15

Ser Leu Lys Thr Glu His Thr Ala Val Tyr Tyr Cys Thr Arg Glu Phe
20 25 30

Trp Gly Phe Gly Glu Asp Tyr Trp Gly Gln Gly
35 40

<210> 3617
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3617
accatctcaa gagatgattc caaaagcatc gcctatctgc aaatgaacag ccttaaaacc 60

gaggacacag ccgtgtatta ctgtactaga gagttctggg ggttcgggga agactactgg 120

ggccaggga 129

<210> 3618
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3618

```
Thr Ile Ser Arg Asp Asp Ser Lys Ser Ile Ala Tyr Leu Gln Met Asn
1               5                   10                  15


Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Glu Phe
            20                  25                  30


Trp Gly Phe Gly Glu Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  3619
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3619
accatctcaa gagatgattc caaaagcatc gcctatctgc aaatgaacag cctgaaaacc       60

gaggacacag ccgtgtatta ctgtactaga gagttctggg ggttcgggga agactactgg      120

ggccaggga                                                              129


<210>  3620
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3620
accatctcaa gagatgattc caaaagcatc gcctatctgc aaatgaacag cctgaaaacc       60

gaggacacag ccgtgtatta ctgtactaga gagttctggg ggttcggaga agactactgg      120

ggccaggga                                                              129


<210>  3621
<211>  129
<212>  DNA
<213>  Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3621
acaatctcaa gagatgattc caaaagcatc gcctatctgc aaatgaacag cctgaaaacc 60

gaggacacag ccgtgtatta ctgtactaga gagttctggg ggttcgggga agactactgg 120

ggccaggga 129

<210> 3622
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3622

Cys Thr Val Thr Pro Pro Tyr Gln Tyr Tyr Ala Met Asp Val Trp
1   5   10   15

<210> 3623
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3623
tccagagatt attcaaacaa cacggtgtat ctgcaaatga acagcctgaa aaccgaggac 60

acggccgtgt atttctgtac tgttactcct ccttaccagt attacgctat ggacgtctgg 120

ggccaaggg 129

<210> 3624
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3624

Ser Arg Asp Tyr Ser Asn Asn Thr Val Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Lys Thr Glu Asp Thr Ala Val Tyr Phe Cys Thr Val Thr Pro Pro Tyr
            20   25   30

Gln Tyr Tyr Ala Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3625
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3625
tccagagatg attcaaagaa cacggtgtat ctgcaaatga acagcctgaa aaccgaggac 60

acggccgtgt atttctgtac tgttactcct ccttaccagt attacgctat ggacgtctgg 120

ggccaaggg 129

<210> 3626
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3626

Ser Arg Asp Asp Ser Lys Asn Thr Val Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Lys Thr Glu Asp Thr Ala Val Tyr Phe Cys Thr Val Thr Pro Pro Tyr
            20   25   30

Gln Tyr Tyr Ala Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3627
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3627
tccagagatg attcaaacaa cacggtgtat ctgcaaatga acagcctcaa aaccgaggac 60

acggccgtgt atttctgtac tgttactcct ccttaccagt attacgctat ggacgtctgg 120

ggccaaggg 129

<210> 3628
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3628

Ser Arg Asp Asp Ser Asn Asn Thr Val Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Phe Cys Thr Val Thr Pro Pro Tyr
20 25 30

Gln Tyr Tyr Ala Met Asp Val Trp Gly Gln Gly
35 40

<210> 3629
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3629
tccagagatc attcaaacaa cacggtgtat ctgcaaatga acagcctgaa aaccgaggac 60

acggccgtgt atttctgtac tgttactcct ccttaccagt attacgctat ggacgtctgg 120

ggccaaggg 129

<210> 3630
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3630

Ser Arg Asp His Ser Asn Asn Thr Val Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Phe Cys Thr Val Thr Pro Pro Tyr
20 25 30

Gln Tyr Tyr Ala Met Asp Val Trp Gly Gln Gly
35 40

<210> 3631
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3631

Cys Ala Lys His Ala Arg Phe Tyr Ser Ser Ser His Thr Arg Asp Asp
1 5 10 15

Ala Phe Asp Ile Trp
20

<210> 3632
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3632
aacacgctgt ttctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaagcacg cccgtttcta tagcagcagc cacacccgcg atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 3633
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3633

Asn Thr Leu Phe Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Lys His Ala Arg Phe Tyr Ser Ser Ser His Thr
            20   25   30

Arg Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 3634
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3634
aacacgctgt atctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaagcacg cccgtttcta tagcagcagc cacacccgcg atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 3635

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3635

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys His Ala Arg Phe Tyr Ser Ser Ser His Thr
20 25 30

Arg Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 3636
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3636
aacacgctgt atctgcaaat caacagcctg agagccgagg acacggccgt atattactgt 60

gcgaagcacg cccgtttcta tagcagcagc cacacccgcg atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 3637
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3637

Asn Thr Leu Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys His Ala Arg Phe Tyr Ser Ser Ser His Thr
            20   25   30

Arg Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 3638
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3638
aacacgctgt atctgaaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaagcacg cccgtttcta tagcagcagc cacacccgcg atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 3639
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3639

Asn Thr Leu Tyr Leu Lys Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Lys His Ala Arg Phe Tyr Ser Ser Ser His Thr
            20   25   30

Arg Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 3640
<211> 13
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3640

Cys Ala Arg Gly Asp Gly Gln Leu Val Leu Pro Ser Trp
1 5 10

<210> 3641
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3641
tgtcttctcc ttggacgccc tgtcagcacg gcatatctgc agatcagcag cctaaagact 60

gaggacactg ccgtgtatta ctgtgcgaga ggggatgggc agctggtact tccgtcgtgg 120

ggccaggga 129

<210> 3642
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3642

Cys Leu Leu Leu Gly Arg Pro Val Ser Thr Ala Tyr Leu Gln Ile Ser
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asp
20 25 30

Gly Gln Leu Val Leu Pro Ser Trp Gly Gln Gly
35 40

<210> 3643

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3643
gtcttctcct tggacgcctc tgtcagcacg gcatatctgc agatcagcag cctaaagact 60

gaggacactg ccgtgtatta ctgtgcgaga ggggatgggc agctggtact tccgtcgtgg 120

ggccaggga 129

<210> 3644
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3644

Val Phe Ser Leu Asp Ala Ser Val Ser Thr Ala Tyr Leu Gln Ile Ser
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asp
20 25 30

Gly Gln Leu Val Leu Pro Ser Trp Gly Gln Gly
35 40

<210> 3645
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3645
gtcttctcct tggacacctc tgtcagcacg gcatatctgc agatcagcag cctaaaggct 60

gaggacactg ccgtgtatta ctgtgcgaga ggggatgggc agctggtact tccgtcgtgg 120

ggccaggga 129

<210> 3646
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3646

Val Phe Ser Leu Asp Thr Ser Val Ser Thr Ala Tyr Leu Gln Ile Ser
1 5 10 15

Ser Leu Lys Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asp
20 25 30

Gly Gln Leu Val Leu Pro Ser Trp Gly Gln Gly
35 40

<210> 3647
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3647
gtcttctcct tggacacctc tgtcagcacg gcatatctgc agatcagcag cctaaagact 60

gaggacactg ccgtgtatta ctgtgcgaga ggggatgggc agctggtact tccgtcgtgg 120

ggccaggga 129

<210> 3648
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3648

Val Phe Ser Leu Asp Thr Ser Val Ser Thr Ala Tyr Leu Gln Ile Ser
1   5   10   15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asp
            20   25   30

Gly Gln Leu Val Leu Pro Ser Trp Gly Gln Gly
        35   40

<210> 3649
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3649

Cys Ala Lys Asp Arg Leu Gly Ala Ala Val Pro Asp Tyr Trp
1   5   10

<210> 3650
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3650
atctccatat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat aggttaggag cagctgtccc tgactactgg 120

ggccaggga 129

<210> 3651
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3651

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Leu
20 25 30

Gly Ala Ala Val Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 3652
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3652
atctccatac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat aggttaggag cagctgtccc tgactactgg 120

ggccaggga 129

<210> 3653
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3653

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Leu
20 25 30

Gly Ala Ala Val Pro Asp Tyr Trp Gly Gln Gly

35 40

<210> 3654
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3654
atctccagat ataattccaa caacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat aggttaggag cagctgtccc tgactactgg 120

ggccaggga 129

<210> 3655
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3655

Ile Ser Arg Tyr Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Leu
20 25 30

Gly Ala Ala Val Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 3656
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3656

atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat aggttaggag cagctgtccc tgactactgg 120

ggccaggga 129

<210> 3657
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3657

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Leu
20 25 30

Gly Ala Ala Val Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 3658
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3658

Cys Arg Ile Val Val Val Pro Ala Ala Asn Tyr Tyr Tyr Gly Met Asp
1 5 10 15

Val Trp

<210> 3659
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3659
tattcaaaga ccacggcgta tctgcaaatg aacagcctga aaaccgagga cacggccgtg 60

tattactgtc gtattgtagt agtaccagct gcaaactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3660
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3660

Tyr Ser Lys Thr Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Arg Ile Val Val Val Pro Ala Ala Asn
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3661
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3661
gtttcaaaga actcggcgta tctgcaaatg aacagcctga aaaccgagga cacggccgtg 60

tattactgtc gtattgtagt agtaccagct gcaaactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3662
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3662

Val Ser Lys Asn Ser Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Arg Ile Val Val Val Pro Ala Ala Asn
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3663
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3663
gattcaaaga acacggcgta tctgcaaatg aacagcctga aaaccgagga cacggccgtg 60

tattactgtc gtattgtagt agtaccagct gcaaactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3664
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3664

Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu

1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Arg Ile Val Val Val Pro Ala Ala Asn
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3665
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3665
attcaaagaa ccacggcgta tctgcaaatg aacagcctga aaaccgagga cacggccgtg 60

tattactgtc gtattgtagt agtaccagct gcaaactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3666
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3666

Ile Gln Arg Thr Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Arg Ile Val Val Val Pro Ala Ala Asn
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3667

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3667

Cys Ala Lys Gly Pro Arg Pro Gly Gly Ser Trp Arg Phe Asp Tyr Trp
1 5 10 15

<210> 3668
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3668
atagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa aggcccgcga cctgggggca gctggcgctt tgactactgg 120

ggccaggga 129

<210> 3669
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3669

Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Pro Arg Pro Gly
20 25 30

Gly Ser Trp Arg Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3670
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3670
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa aggcccgcga cctgggggca gctggcgctt tgactactgg 120

ggccaggga 129

<210> 3671
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3671

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Pro Arg Pro Gly
            20   25   30

Gly Ser Trp Arg Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3672
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3672
agagataatt ccaagaacac gctgtatctg aaaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa aggcccgcga cctgggggca gctggcgctt tgactactgg 120

ggccaggga 129

<210> 3673
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3673

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Lys Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Pro Arg Pro Gly
20 25 30

Gly Ser Trp Arg Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3674
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3674
agagataatt ccaacaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa aggcccgcga cctgggggca gctggcgctt tgactactgg 120

ggccaggga 129

<210> 3675
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3675

Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Pro Arg Pro Gly
20 25 30

Gly Ser Trp Arg Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3676
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3676

Cys Ala Lys Thr Arg Ser Ala Cys Phe Gln His Trp
1 5 10

<210> 3677
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3677
ttcaccatct ccagagacaa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaaacccggt ccgcgtgctt ccagcactgg 120

ggccagggc 129

<210> 3678
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3678

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Thr
            20   25   30

Arg Ser Ala Cys Phe Gln His Trp Gly Gln Gly
        35   40

<210> 3679
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3679
ttcaccatct ccagagacaa taccaagaac acgctgtatc tgcaaatcaa cagcctgaga   60

gccgaggaca cggccgtata ttactgtgcg aaaacccggt ccgcgtgctt ccagcactgg   120

ggccagggc   129

<210> 3680
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3680

Phe Thr Ile Ser Arg Asp Asn Thr Lys Asn Thr Leu Tyr Leu Gln Ile
1   5   10   15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Thr
            20   25   30

Arg Ser Ala Cys Phe Gln His Trp Gly Gln Gly
35 40

<210> 3681
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3681
ttcaccatct ccagacacaa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaaacccggt ccgcgtgctt ccagcactgg 120

ggccagggc 129

<210> 3682
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3682

Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Thr
20 25 30

Arg Ser Ala Cys Phe Gln His Trp Gly Gln Gly
35 40

<210> 3683
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3683
ttcaccatct ccagacacaa ttccaagaac acgctgtatc tgcaaatcaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaaacccggt ccgcgtgctt ccagcactgg 120

ggccagggc 129

<210> 3684
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3684

Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Ile
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Thr
20 25 30

Arg Ser Ala Cys Phe Gln His Trp Gly Gln Gly
35 40

<210> 3685
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3685

Cys Ala Lys Pro Ala Val Thr Gly Thr Gly Tyr Trp
1 5 10

<210> 3686
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3686
ttcaccatct ccagatataa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaaccggcag tgactggtac tggctattgg 120

ggccaggga 129

<210> 3687
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3687

Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Pro
            20   25   30

Ala Val Thr Gly Thr Gly Tyr Trp Gly Gln Gly
        35   40

<210> 3688
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3688
ttcaccatct ccagagataa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaaccggcag tgactggtac tggctattgg 120

ggccaggga 129

<210> 3689

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3689

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Pro
20 25 30

Ala Val Thr Gly Thr Gly Tyr Trp Gly Gln Gly
35 40

<210> 3690
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3690
ttcaccatct ccagacataa ttccaagaac acgctgtatc tgcaaatcaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaaccggcag tgactggtac tggctattgg 120

ggccaggga 129

<210> 3691
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3691

Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Ile
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Pro
            20   25   30

Ala Val Thr Gly Thr Gly Tyr Trp Gly Gln Gly
        35   40

<210> 3692
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3692
ttcaccacct ccagagataa ttccgggaac acggtgtctc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaaccggcag tgactggtac tggctattgg 120

ggccaggga 129

<210> 3693
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3693

Phe Thr Thr Ser Arg Asp Asn Ser Gly Asn Thr Val Ser Leu Gln Met
1   5   10   15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Pro
            20   25   30

Ala Val Thr Gly Thr Gly Tyr Trp Gly Gln Gly
        35   40

<210> 3694
<211> 21
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3694

Cys Ala Arg Glu Val Gly Asp Gly Asp Gly Ser Ser Ile Gly Gly Tyr
1 5 10 15

Ala Phe Asp Ile Trp
20

<210> 3695
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3695
agcactgcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagagg tcggggacgg agatggcagc tcaatcggag ggtacgcttt tgatatctgg 120

ggccaaggg 129

<210> 3696
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3696

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Val Gly Asp Gly Asp Gly Ser Ser Ile
20 25 30

Gly Gly Tyr Ala Phe Asp Ile Trp Gly Gln Gly

35 40

<210> 3697
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3697
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagagg tcggggacgg agatggcagc tcaatcggag ggtacgcttt tgatatctgg 120

ggccaaggg 129

<210> 3698
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3698
agcacagcct acacggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagagg tcggggacgg agatggtagc tcaatcggag ggtacgcttt tgatatctgg 120

ggccaaggg 129

<210> 3699
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3699

Ser Thr Ala Tyr Thr Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Val Gly Asp Gly Asp Gly Ser Ser Ile

```
            20                  25                  30

Gly Gly Tyr Ala Phe Asp Ile Trp Gly Gln Gly
        35                  40


<210>  3700
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3700
agcacagcct acacggagct gaggagcctg agatctgacg acacggccgt gtattactgt       60

gcgagagagg tcggggacgg agatggcagc tcaatcggag ggtacgcttt tgatatctgg      120

ggccaaggg                                                              129


<210>  3701
<211>  20
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3701

Cys Ala Lys Ala Pro Ser Gly Gly Val Ala Thr Pro His Ala Gly Gly
1               5                   10                  15


Met Asp Val Trp
            20


<210>  3702
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3702
```

aagaacacgc tgtatctgca aatgaacagc ctgagagccg aggacacggc cgtatattac 60

tgtgcgaaag ccccttcggg tggggtggct acccccccacg ccggtggtat ggacgtctgg 120

ggccaaggg 129

<210> 3703
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3703

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Lys Ala Pro Ser Gly Gly Val Ala Thr Pro
20 25 30

His Ala Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3704
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3704
aagaacacgc tgtatctgaa aatgaacagc ctgagagccg aggacacggc cgtatattac 60

tgtgcgaaag ccccttcggg tggggtggct acccccccacg ccggtggtat ggacgtctgg 120

ggccaaggg 129

<210> 3705
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3705

Lys Asn Thr Leu Tyr Leu Lys Met Asn Ser Leu Arg Ala Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Lys Ala Pro Ser Gly Gly Val Ala Thr Pro
            20   25   30

His Ala Gly Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3706
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3706
aacaacacgc tgtatctgca aatgaacagc ctgagagccg aggacacggc cgtatattac   60

tgtgcgaaag ccccttcggg tggggtggct acccccccacg ccggtggtat ggacgtctgg   120

ggccaaggg   129

<210> 3707
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3707

Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Lys Ala Pro Ser Gly Gly Val Ala Thr Pro
            20   25   30

```
His Ala Gly Gly Met Asp Val Trp Gly Gln Gly
        35                  40


<210>  3708
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3708
aagaacccgc tgtatctgaa aatgaaccgc ctgagcgccg aggacacggc cgtatattac       60

tgtgcgaaag ccccttcggg tggggtggct acccccccacg ccggtggtat ggacgtctgg      120

ggccaaggg                                                              129


<210>  3709
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3709

Lys Asn Pro Leu Tyr Leu Lys Met Asn Arg Leu Ser Ala Glu Asp Thr
1               5                   10                  15


Ala Val Tyr Tyr Cys Ala Lys Ala Pro Ser Gly Gly Val Ala Thr Pro
            20                  25                  30


His Ala Gly Gly Met Asp Val Trp Gly Gln Gly
        35                  40


<210>  3710
<211>  16
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody
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<400> 3710

Cys Ala Arg Val Gly Glu Thr Val Ala Ala Gly Met Val Asp Tyr Trp
1 5 10 15

<210> 3711
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3711
tgggacaacg ccaagaactc actgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgag agtgggggaa acagtagcag ctggaatggt ggactactgg 120

ggccaggga 129

<210> 3712
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3712

Trp Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Gly Glu Thr Val
20 25 30

Ala Ala Gly Met Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 3713
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3713
tgggacaacg ccaacaactc actgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgag agtgggggaa acagtagcag ctggaatggt ggactactgg 120

ggccaggga 129

<210> 3714
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3714

Trp Asp Asn Ala Asn Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Gly Glu Thr Val
            20   25   30

Ala Ala Gly Met Val Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3715
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3715
agggacaacg ccaagaactc actgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgag agtgggggaa acagtagcag ctggaatggt ggactactgg 120

ggccaggga 129

<210> 3716

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3716

Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Gly Glu Thr Val
20 25 30

Ala Ala Gly Met Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 3717
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3717
agggacaacg ccaagaactc actgtatctg caaatgaaca gcctgagagc cgacgacacg 60

gccgtgtatt actgtgcgag agtgggggag acagtagcag ctggaatggt ggactactgg 120

ggccaggga 129

<210> 3718
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3718

Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Gly Glu Thr Val
20 25 30

Ala Ala Gly Met Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 3719
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3719

Cys Ala Arg Trp Ala Lys Val Thr Val Gly Gly Met Asp Val Trp
1 5 10 15

<210> 3720
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3720
acctgggaca cgtccgcgag cacagccgac atggagctga gaagcctgag atctgaagac 60

acggctgtat atttctgtgc gcgatgggct aaggtgactg ttgggggtat ggacgtctgg 120

ggccaaggg 129

<210> 3721
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3721

Thr Trp Asp Thr Ser Ala Ser Thr Ala Asp Met Glu Leu Arg Ser Leu

1 5 10 15

Arg Ser Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Trp Ala Lys Val
20 25 30

Thr Val Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3722
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3722
acctgggaca cgcccgcgag cacagccgac atggagctga gaagcctgag atctgaagac 60

acggctgtat atttctgtgc gcgatgggct aaggtgactg ttgggggtat ggacgtctgg 120

ggccaaggg 129

<210> 3723
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3723

Thr Trp Asp Thr Pro Ala Ser Thr Ala Asp Met Glu Leu Arg Ser Leu
1 5 10 15

Arg Ser Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Trp Ala Lys Val
20 25 30

Thr Val Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3724

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3724
accagggaca cgtccgcgag cacagccgac atggagctga gaagcctgag atctgaagac 60

acggctgtat atttctgtgc gcgatgggct aaggtgactg ttgggggtat ggacgtctgg 120

ggccaaggg 129

<210> 3725
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3725

Thr Arg Asp Thr Ser Ala Ser Thr Ala Asp Met Glu Leu Arg Ser Leu
1 5 10 15

Arg Ser Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Trp Ala Lys Val
20 25 30

Thr Val Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3726
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3726
accagggaca cgcccgcgag cacagccgac atggagctga gaagcctgat atctgaagac 60

acggctgtat atttctgtgc gcgatgggct aaggtgactg ttgggggtat ggacgtctgg 120

ggccaaggg 129

<210> 3727
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3727

Thr Arg Asp Thr Pro Ala Ser Thr Ala Asp Met Glu Leu Arg Ser Leu
1 5 10 15

Ile Ser Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Trp Ala Lys Val
20 25 30

Thr Val Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3728
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3728

Cys Ala Arg Ala His Tyr Asp Phe Trp Ser Phe Ser Asn Pro Glu Arg
1 5 10 15

Tyr Gly Met Asp Val Trp
20

<210> 3729
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3729
tcgctgtatc ttcaaatgaa cagcctgaga gccgaggaca cggccgtgta ttactgtgcg 60

agagcccatt acgatttttg gagtttttcg aacccggagc gctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3730
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3730

Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Ala His Tyr Asp Phe Trp Ser Phe Ser Asn Pro
20 25 30

Glu Arg Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3731
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3731
tcgatgtatc ttcaaatgaa cagcctgaga gccgaggaca cggccgtgta ttactgtgcg 60

agagcccatt acgatttttg gagtttttcg aacccggagc gctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3732
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3732

Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Ala His Tyr Asp Phe Trp Ser Phe Ser Asn Pro
            20   25   30

Glu Arg Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3733
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3733
acgctgtatc ttcaaatgaa cagcctgaga gccgaggaca cggccgtgta ttactgtgcg   60

agagcccatt acgatttttg gagtttttcg aacccggagc gctacggtat ggacgtctgg   120

ggccaaggg   129

<210> 3734
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3734

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Ala His Tyr Asp Phe Trp Ser Phe Ser Asn Pro

20 25 30

Glu Arg Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3735
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3735
acgatgtatc ttcaaatcaa cagcctgaga gccgaggaca cggccgtgta ttactgtgcg 60

agagcccatt acgatttttg gagtttttcg aacccggagc gctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3736
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3736

Thr Met Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Ala His Tyr Asp Phe Trp Ser Phe Ser Asn Pro
20 25 30

Glu Arg Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3737
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3737

Cys Ala Lys Arg Gln Ile Lys Glu Gly Asp Thr Glu Ser Arg Asp Lys
1   5   10   15

Gly Ile Asp Cys Trp
            20

<210> 3738
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3738
aacatgatgt atttgcaaat caacagcctg agagtcgagg acacggccct atattactgt   60

gcgaaaaggc agataaaaga gggtgacact gaatctcgcg ataaaggcat cgactgctgg   120

ggccaggga   129

<210> 3739
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3739

Asn Met Met Tyr Leu Gln Ile Asn Ser Leu Arg Val Glu Asp Thr Ala
1   5   10   15

Leu Tyr Tyr Cys Ala Lys Arg Gln Ile Lys Glu Gly Asp Thr Glu Ser
            20   25   30

Arg Asp Lys Gly Ile Asp Cys Trp Gly Gln Gly
        35   40

<210> 3740
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3740
aacatgatgt atttgcaaat gaacagcctg agagtcgagg acacggccct atattactgt 60

gcgaaaaggc agataaaaga gggtgacact gaatctcgcg ataaaggcat cgactgctgg 120

ggccaggga 129

<210> 3741
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3741

Asn Met Met Tyr Leu Gln Met Asn Ser Leu Arg Val Glu Asp Thr Ala
1 5 10 15

Leu Tyr Tyr Cys Ala Lys Arg Gln Ile Lys Glu Gly Asp Thr Glu Ser
20 25 30

Arg Asp Lys Gly Ile Asp Cys Trp Gly Gln Gly
35 40

<210> 3742
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3742
aacatgatgt atttccaaat caacagcctg agagtcgagg acacggccct atattactgt 60

gcgaaaaggc agataaaaga gggtgacact gaatctcgcg ataaaggcat cgactgctgg 120

ggccaggga 129

<210> 3743
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3743

Asn Met Met Tyr Phe Gln Ile Asn Ser Leu Arg Val Glu Asp Thr Ala
1 5 10 15

Leu Tyr Tyr Cys Ala Lys Arg Gln Ile Lys Glu Gly Asp Thr Glu Ser
20 25 30

Arg Asp Lys Gly Ile Asp Cys Trp Gly Gln Gly
35 40

<210> 3744
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3744

Cys Ala Lys Asp Arg Leu Ala Ala Ala Arg Trp Tyr Phe Asp Leu Trp
1 5 10 15

<210> 3745
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3745

agagacaatt ccaagaacac gctgtatctg caaatcaata gcctgagagc cgaagacacg 60

gccgtatatt actgtgcgaa agatcgccta gcagccgccc gctggtactt tgatctctgg 120

ggccgtggc 129

<210> 3746
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3746

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Ile Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Leu Ala Ala
20 25 30

Ala Arg Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 3747
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3747
agagacaatt ccaacaacac gctgtatctg caaatcaatc gcctgagagc cgaagacacg 60

gccgtatatt actgtgcgaa agatcgccta gcagccgccc gctggtactt tgatctctgg 120

ggccgtggc 129

<210> 3748
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3748

Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Ile Asn Arg Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Leu Ala Ala
            20   25   30

Ala Arg Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 3749
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3749
agagacaatt ccaacaacac gctgtatctg aaaatcaata gcctgagagc cgaagacacg   60

gccgtatatt actgtgcgaa agatcgccta gcagccgccc gctggtactt tgatctctgg   120

ggccgtggc   129

<210> 3750
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3750

Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Lys Ile Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Leu Ala Ala
            20   25   30

```
Ala Arg Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35                  40


<210>  3751
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3751
agagaaaatt ccaagaacac gctgtatctg aaaatcaata gcctgagagc cgaagacacg       60

gccgtatatt actgtgcgaa agatcgccta gcagccgccc gctggtactt tgatctctgg      120

ggccgtggc                                                              129


<210>  3752
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  3752

Arg Glu Asn Ser Lys Asn Thr Leu Tyr Leu Lys Ile Asn Ser Leu Arg
1               5                   10                  15


Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Leu Ala Ala
            20                  25                  30


Ala Arg Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35                  40


<210>  3753
<211>  13
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody
```

<400> 3753

Cys Ala Lys Val Thr Thr Gly Thr Val Thr Asp Tyr Trp
1 5 10

<210> 3754
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3754
accatctcca tacacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gtaacaactg gaacagtaac tgactactgg 120

ggccaggga 129

<210> 3755
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3755

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Thr
20 25 30

Thr Gly Thr Val Thr Asp Tyr Trp Gly Gln Gly
35 40

<210> 3756
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3756
accatctcca gagacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gtaacaactg gaacagtaac tgactactgg 120

ggccaggga 129

<210> 3757
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3757

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Thr
            20   25   30

Thr Gly Thr Val Thr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3758
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3758
accatctcca gacacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gtaacaactg gaacagtaac tgactactgg 120

ggccaggga 129

<210> 3759

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3759

Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Thr
20 25 30

Thr Gly Thr Val Thr Asp Tyr Trp Gly Gln Gly
35 40

<210> 3760
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3760
accatctcca gacacaattc caacaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gtaacaactg gaacagtaac tgactactgg 120

ggccaggga 129

<210> 3761
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3761

Thr Ile Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Thr
            20   25   30

Thr Gly Thr Val Thr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3762
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3762

Cys Ala Lys Pro Arg Ala Arg Gln Gln Pro Leu Phe Asp Tyr Trp
1   5   10   15

<210> 3763
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3763
tccatatata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaaccccgg gcgcggcagc agcccctatt tgactactgg 120

ggccaggga 129

<210> 3764
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3764

Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu

1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Pro Arg Ala Arg
20 25 30

Gln Gln Pro Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3765
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3765
tccagatata attccaagaa cacgctgtat ctgaaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaaccccgg gcgcggcagc agcccctatt tgactactgg 120

ggccaggga 129

<210> 3766
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3766

Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Lys Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Pro Arg Ala Arg
20 25 30

Gln Gln Pro Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3767

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3767
tccagagata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaaccccgg gcgcggcagc agcccctatt tgactactgg 120

ggccaggga 129

<210> 3768
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3768

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Pro Arg Ala Arg
20 25 30

Gln Gln Pro Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3769
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3769
tacagatata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaaccccgg gcgcggcagc agcccctatt tgactactgg 120

ggccaggga 129

<210> 3770
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3770

Tyr Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Pro Arg Ala Arg
20 25 30

Gln Gln Pro Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3771
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3771

Cys Thr Arg Val Arg Val Ala Gly Tyr Ser Ser Ser Trp Tyr Asp Ala
1 5 10 15

Phe Asp Ile Trp
20

<210> 3772
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3772
aagaatacgg cgtatctgca aatgaacagc ctgaaaatcg aggacacggc cgtgtattac 60

tgtactagag tgagggtcgc cgggtatagc agcagctggt acgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 3773
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3773

Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Ile Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Thr Arg Val Arg Val Ala Gly Tyr Ser Ser Ser
20 25 30

Trp Tyr Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 3774
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3774
aagaatacgg cgtatctgca aatgaacagc ctgaaaatcg aggacacggc cgtgtattac 60

tgtactagag tgagggtcgc cggctatagc agcagctggt acgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 3775
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3775
aagaacacgg cgtatctgca aatgaacagc ctgaaaaccg aggacacggc cgtgtattac 60

tgtactagag tgagggtcgc cgggtatagc agcagctggt acgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 3776
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3776

Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Thr Arg Val Arg Val Ala Gly Tyr Ser Ser Ser
20 25 30

Trp Tyr Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 3777
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3777
aacaatacgg cgtatctgca aatcaacagc ctgaaaatcg aggacacggc cgtgtattac 60

tgtactagag tgagggtcgc cgggtatagc agcagctggt acgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 3778
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3778

Asn Asn Thr Ala Tyr Leu Gln Ile Asn Ser Leu Lys Ile Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Thr Arg Val Arg Val Ala Gly Tyr Ser Ser Ser
            20   25   30

Trp Tyr Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 3779
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3779

Cys Thr Thr Ser Gly Trp Pro Pro Tyr Tyr Tyr Tyr Gly Met Asp Val
1   5   10   15

Trp

<210> 3780
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3780

tatgattcaa agaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc 60

gtgtattact gtaccaccag tggctggccc ccatactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3781
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3781

Tyr Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Ser Gly Trp Pro Pro Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3782
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3782
gattattcaa agaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc 60

gtgtattact gtaccaccag tggctggccc ccatactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3783
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3783

Asp Tyr Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Ser Gly Trp Pro Pro Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3784
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3784
tatgattcaa acaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc   60

gtgtattact gtaccaccag tggctggccc ccatactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 3785
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3785

Tyr Asp Ser Asn Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Ser Gly Trp Pro Pro Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3786
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3786
gatgattcaa agaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc 60

gtgtattact gtaccaccag tggctggccc ccatactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3787
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3787

Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Ser Gly Trp Pro Pro Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3788
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3788

Cys Ala Lys Gly Gly Ser Ser Trp Tyr Tyr Phe Asp Tyr Trp
1 5 10

<210> 3789
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3789
ttctccagac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaggg ggcagcagct ggtactactt tgactactgg 120

ggccaggga 129

<210> 3790
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3790

Phe Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly Ser
20 25 30

Ser Trp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3791
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3791
atctccatat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaggg ggcagcagct ggtactactt tgactactgg 120

ggccaggga 129

<210> 3792
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3792

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly Ser
            20   25   30

Ser Trp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3793
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3793
atctccatac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaggg ggcagcagct ggtactactt tgactactgg 120

ggccaggga 129

<210> 3794

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3794

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly Ser
20 25 30

Ser Trp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3795
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3795
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaggg ggcagcagct ggtactactt tgactactgg 120

ggccaggga 129

<210> 3796
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3796

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly Ser
            20   25   30

Ser Trp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3797
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3797

Cys Ala Lys Asp His Ile Ala Leu Asp Gly Leu Trp Asp Ser Asp Tyr
1   5   10   15

Trp

<210> 3798
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3798
gacgactcca agaacacgat gtttctccac atgaacagac tgagagtcga cgacacggcc 60

gtatatttct gtgcgaaaga ccacattgcc cttgatggcc tctgggactc tgactactgg 120

ggccaggga 129

<210> 3799
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3799

Asp Asp Ser Lys Asn Thr Met Phe Leu His Met Asn Arg Leu Arg Val
1 5 10 15

Asp Asp Thr Ala Val Tyr Phe Cys Ala Lys Asp His Ile Ala Leu Asp
20 25 30

Gly Leu Trp Asp Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 3800
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3800
cacgactcca agaacacgat gtttctccac atgaacagac tgagagtcga cgacacggcc 60

gtatatttct gtgcgaaaga ccacattgcc cttgatggcc tctgggactc tgactactgg 120

ggccaggga 129

<210> 3801
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3801

His Asp Ser Lys Asn Thr Met Phe Leu His Met Asn Arg Leu Arg Val
1 5 10 15

Asp Asp Thr Ala Val Tyr Phe Cys Ala Lys Asp His Ile Ala Leu Asp
20 25 30

Gly Leu Trp Asp Ser Asp Tyr Trp Gly Gln Gly

35 40

<210> 3802
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3802

Cys Val Arg Asp Arg Lys Ser Arg Gly Trp Phe Pro Asp Asp Val Phe
1 5 10 15

Asp Met Trp

<210> 3803
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3803
gctaataatt cagtgtattt gcagatgaac aacctgagag acgaggacac ggctctatat 60

ttttgtgtca gagatcggaa gagtagaggc tggttccccg atgatgtttt tgatatgtgg 120

ggccaaggg 129

<210> 3804
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3804

Ala Asn Asn Ser Val Tyr Leu Gln Met Asn Asn Leu Arg Asp Glu Asp
1 5 10 15

Thr Ala Leu Tyr Phe Cys Val Arg Asp Arg Lys Ser Arg Gly Trp Phe
            20   25   30

Pro Asp Asp Val Phe Asp Met Trp Gly Gln Gly
        35   40

<210> 3805
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3805
gcgaataatt ctgtgtattt gcagatgaac aacctgagag acgaggacac ggctctatat 60

ttttgtgtca gagatcggaa gagtagaggc tggttccccg atgatgtttt tgatatgtgg 120

ggccaaggg 129

<210> 3806
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3806
gcgaagaatt cagtgtattt gcagatgaac aacctgagag acgaggacac ggctctatat 60

ttttgtgtca gagatcggaa gagtagaggc tggttccccg atgatgtttt tgatatgtgg 120

ggccaaggg 129

<210> 3807
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3807

Ala Lys Asn Ser Val Tyr Leu Gln Met Asn Asn Leu Arg Asp Glu Asp
1 5 10 15

Thr Ala Leu Tyr Phe Cys Val Arg Asp Arg Lys Ser Arg Gly Trp Phe
            20 25 30

Pro Asp Asp Val Phe Asp Met Trp Gly Gln Gly
        35 40

<210> 3808
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3808
gcgaagaatt atgtgtattt gcagatgaac aacctgagag acgaggacac ggctctatat 60

ttttgtgtca gagatcggaa gagtagaggc tggttccccg atgatgtttt tgatatgtgg 120

ggccaaggg 129

<210> 3809
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3809

Ala Lys Asn Tyr Val Tyr Leu Gln Met Asn Asn Leu Arg Asp Glu Asp
1 5 10 15

Thr Ala Leu Tyr Phe Cys Val Arg Asp Arg Lys Ser Arg Gly Trp Phe
            20 25 30

Pro Asp Asp Val Phe Asp Met Trp Gly Gln Gly
        35 40

<210> 3810
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3810

Cys Thr His Asn Val Gly Gly Trp Asp Gly Pro Tyr Ser Asp Tyr Trp
1   5   10   15

<210> 3811
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3811
aaggacacct ccaaaaaccg ggtggtcctt acaatgacca acatggaccc tgtggacaca   60

gccacatatt tctgtacaca caatgttgga ggctgggatg ggccgtactc tgactactgg   120

ggccaggga   129

<210> 3812
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3812

Lys Asp Thr Ser Lys Asn Arg Val Val Leu Thr Met Thr Asn Met Asp
1   5   10   15

Pro Val Asp Thr Ala Thr Tyr Phe Cys Thr His Asn Val Gly Gly Trp
            20   25   30

Asp Gly Pro Tyr Ser Asp Tyr Trp Gly Gln Gly

35 40

<210> 3813
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3813
aaggacacct ccaaaaaccg ggtggtcctc acaatgacca acatggaccc tgtggacaca 60

gccacatatt tctgtacaca caatgttgga ggctgggatg ggccgtactc tgactactgg 120

ggccaggga 129

<210> 3814
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3814
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatgggccc tgtggacaca 60

gccacatatt actgtacaca caatgttgga ggctgggatg gcccgtactc tgactactgg 120

ggccaggga 129

<210> 3815
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3815

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Gly
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Thr His Asn Val Gly Gly Trp

20 25 30

Asp Gly Pro Tyr Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 3816
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3816
aaggacacct ccaaaaacca ggtggtcctg accatgtcca acatggaccc tgtggacaca 60

gccacatatt actgtacaca caatgttgga ggctgggatg ggccgtactc tgactactgg 120

ggccaggga 129

<210> 3817
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3817

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Ser Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Thr His Asn Val Gly Gly Trp
20 25 30

Asp Gly Pro Tyr Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 3818
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3818

Cys Thr Thr Gln Gly Ser Gln Gly Met Asp Val Trp
1   5   10

<210> 3819
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3819
ttcaccatct ccttagatga ctcaaagaac acggcgtatc tgcaaatgaa cagcctgaaa   60

gccgaggaca cggccgtata ttactgtact acccagggat cacagggcat ggacgtctgg   120

ggccaaggg   129

<210> 3820
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3820

Phe Thr Ile Ser Leu Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Lys Ala Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Gln
            20   25   30

Gly Ser Gln Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3821
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3821
ttcaccatct ccagagatga ctcaaagaac acggcgtatc tgcaaatgaa cagcctgaag 60

gccgaggata cggccgtata ttactgtact acccagggat cacagggcat ggacgtctgg 120

ggccaaggg 129

<210> 3822
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3822

Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Lys Ala Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Gln
20 25 30

Gly Ser Gln Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3823
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3823
ttcaccatct ccagagatga ctcaaagaac acggcgtatc tgcaaatgaa cagcctgaaa 60

gccgaggaca cggccgtata ttactgtact acccagggat cacagggcat ggacgtctgg 120

ggccaaggg 129

<210> 3824
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3824
ttcaccatct ccagacatta ctcaaagaac acggcgtatc tgcaaatgaa cagcctgaaa 60

gccgaggaca cggccgtata ttactgtact acccagggat cacagggcat ggacgtctgg 120

ggccaaggg 129

<210> 3825
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3825

Phe Thr Ile Ser Arg His Tyr Ser Lys Asn Thr Ala Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Lys Ala Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Gln
20 25 30

Gly Ser Gln Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3826
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3826

Cys Ala Ser Gly Arg Glu Ala Gly Tyr Trp

1 5 10

<210> 3827
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3827
ggcagagtca ccatgaccag gaacacctcc ataagcacag cctacatgga gctgagcagc 60

ctgagatctg aggacacggc cgtgtattac tgtgcgagtg ggagggaggc agggtactgg 120

ggccaggga 129

<210> 3828
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3828

Gly Arg Val Thr Met Thr Arg Asn Thr Ser Ile Ser Thr Ala Tyr Met
1 5 10 15

Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala
20 25 30

Ser Gly Arg Glu Ala Gly Tyr Trp Gly Gln Gly
35 40

<210> 3829
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3829

ggcagagtca ccatgaccag caacacctcc ataagcacag cctacatgga gctgagcagc 60

ctgatatctg aggacacggc cgtgtattac tgtgcgagtg ggagggaggc agggtactgg 120

ggccaggga 129

<210> 3830
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3830

Gly Arg Val Thr Met Thr Ser Asn Thr Ser Ile Ser Thr Ala Tyr Met
1 5 10 15

Glu Leu Ser Ser Leu Ile Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala
20 25 30

Ser Gly Arg Glu Ala Gly Tyr Trp Gly Gln Gly
35 40

<210> 3831
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3831
ggcagagtca ccatgaccag caacacctcc ataagcacag cctacatgga gctgagcagc 60

ctgagatctg aggacacggc cgtgtattac tgtgcgagtg ggagggaggc agggtactgg 120

ggccaggga 129

<210> 3832
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3832

Gly Arg Val Thr Met Thr Ser Asn Thr Ser Ile Ser Thr Ala Tyr Met
1   5   10   15

Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala
            20   25   30

Ser Gly Arg Glu Ala Gly Tyr Trp Gly Gln Gly
        35   40

<210> 3833
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3833
ggcagagtca ccatgaccag caacacctcc ataaccacag cctacatgga gctgagcagc   60

ctgagatctg aggacacggc cgtgtattac tgtgcgagtg ggagggaggc agggtactgg   120

ggccaggga   129

<210> 3834
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3834

Gly Arg Val Thr Met Thr Ser Asn Thr Ser Ile Thr Thr Ala Tyr Met
1   5   10   15

Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala
            20   25   30

Ser Gly Arg Glu Ala Gly Tyr Trp Gly Gln Gly
        35   40

<210> 3835
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3835

Cys Ala Lys Leu Leu Ser Val Arg Ser Tyr Phe Asp Tyr Trp
1   5   10

<210> 3836
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3836
atctccatat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag   60

gacacggccg tatattactg tgcgaaactc ctcagcgtcc gtagctactt tgactactgg   120

ggccaggga   129

<210> 3837
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3837

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Leu Leu Ser

20 25 30

Val Arg Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3838
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3838
atctccatac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaactc ctcagcgtcc gtagctactt tgactactgg 120

ggccaggga 129

<210> 3839
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3839

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Leu Leu Ser
20 25 30

Val Arg Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3840
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3840
atctccagat ataattccaa caacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaactc ctcagcgtcc gtagctactt tgactactgg 120

ggccaggga 129

<210> 3841
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3841

Ile Ser Arg Tyr Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Leu Leu Ser
            20   25   30

Val Arg Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3842
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3842
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaactc ctcagcgtcc gtagctactt tgactactgg 120

ggccaggga 129

<210> 3843

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3843

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Leu Leu Ser
20 25 30

Val Arg Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3844
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3844

Cys Ala Arg Gly Gly Ser Asp Asn Trp His Leu Asp Leu Trp
1 5 10

<210> 3845
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3845
tttaccaggg acatatccgc gactacagcc tacctggaac tgaccagcct gacttctgaa 60

gacacggctt tctattactg tgcgagagga gggagcgaca actggcacct cgatctgtgg 120

ggccgtggc 129

<210> 3846
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3846

Phe Thr Arg Asp Ile Ser Ala Thr Thr Ala Tyr Leu Glu Leu Thr Ser
1 5 10 15

Leu Thr Ser Glu Asp Thr Ala Phe Tyr Tyr Cys Ala Arg Gly Gly Ser
20 25 30

Asp Asn Trp His Leu Asp Leu Trp Gly Arg Gly
35 40

<210> 3847
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3847
tttaccagag acacatccgc gactacagcc tacatggaac tgaccagcct gaggtctgaa 60

gacacggctg tatattactg tgcgagagga gggagcgaca actggcacct cgatctgtgg 120

ggccgtggc 129

<210> 3848
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3848

Phe Thr Arg Asp Thr Ser Ala Thr Thr Ala Tyr Met Glu Leu Thr Ser

1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Ser
20 25 30

Asp Asn Trp His Leu Asp Leu Trp Gly Arg Gly
35 40

<210> 3849
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3849
tttaccagac acacatccgc gactacagcc tacatggaac tgaccagcct gaggtctgaa 60

gacacggctg tatattactg tgcgagagga gggagcgaca actggcacct cgatctgtgg 120

ggccgtggc 129

<210> 3850
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3850

Phe Thr Arg His Thr Ser Ala Thr Thr Ala Tyr Met Glu Leu Thr Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Ser
20 25 30

Asp Asn Trp His Leu Asp Leu Trp Gly Arg Gly
35 40

<210> 3851

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3851
ttaaccagac acacatccgc gactacagcc tacatggaac tgaccagcct gaggtctgaa 60

gacacggctg tatattactg tgcgagagga gggagcgaca actggcacct cgatctgtgg 120

ggccgtggc 129

<210> 3852
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3852

Leu Thr Arg His Thr Ser Ala Thr Thr Ala Tyr Met Glu Leu Thr Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Ser
20 25 30

Asp Asn Trp His Leu Asp Leu Trp Gly Arg Gly
35 40

<210> 3853
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3853

Cys Thr Arg Gly Gly Val Val Gly Val Ser Ala Pro Tyr Asp Trp
1 5 10 15

<210> 3854
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3854
gccagagaca attccaagaa cacgctgtat cttcaaatga acagcctgag agccgaggac 60

acgggcgtgt atttatgtac gagaggggt gtagtggggg ttagtgcccc ttacgactgg 120

ggcctggga 129

<210> 3855
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3855

Ala Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Gly Val Tyr Leu Cys Thr Arg Gly Gly Val Val
20 25 30

Gly Val Ser Ala Pro Tyr Asp Trp Gly Leu Gly
35 40

<210> 3856
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3856
gccagagaca attccaagaa cacgctgtat cttcaaatga acagcctgag agccgaggac 60

acgggcgtgt atttatgtac gagaggggg gtagtggggg ttagtgcccc ttacgactgg 120

ggcctggga 129

<210> 3857
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3857
gacagagaca attccaagaa cacgctgtat cttcaaatga acagcctgag agccgatgac 60

acgggcgtgt atttatgtac gagaggggt gtagtggggg ttagtgcccc ttacgactgg 120

ggcctggga 129

<210> 3858
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3858

Asp Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Asp Asp Thr Gly Val Tyr Leu Cys Thr Arg Gly Gly Val Val
20 25 30

Gly Val Ser Ala Pro Tyr Asp Trp Gly Leu Gly
35 40

<210> 3859
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3859
gacagagaca attccaagaa cacgctgtat cttcaaatga acagcctgag agccgaggac 60

acgggcgtgt atttatgtac gagaggggg gtagtggggg ttagtgcccc ttacgactgg 120

ggcctggga 129

<210> 3860
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3860

Asp Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Gly Val Tyr Leu Cys Thr Arg Gly Gly Val Val
20 25 30

Gly Val Ser Ala Pro Tyr Asp Trp Gly Leu Gly
35 40

<210> 3861
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3861

Cys Ala Arg Gln Gly Arg Gly Asn Trp Phe Asp Pro Trp
1 5 10

<210> 3862
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3862
accatatcag tagacacgtc caagaaccag ttctccctga agctgagctc tgtgaccgcc 60

gcagacacgg ccgtgtatta ctgtgcgaga cagggtagag ggaactggtt cgacccctgg 120

ggccaggga 129

<210> 3863
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3863

Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser
1   5   10   15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gln Gly
            20   25   30

Arg Gly Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 3864
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3864
accatatcag tacacacgtc caagaaccag ttctccctga agctgagctc tgtgaccgcc 60

gcagacacgg ccgtgtatta ctgtgcgaga cagggtagag ggaactggtt cgacccctgg 120

ggccaggga 129

<210> 3865

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3865

Thr Ile Ser Val His Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser
1 5 10 15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gln Gly
20 25 30

Arg Gly Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3866
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3866
acaatatcag tacacacgtc caagaaccag ttctccctga agctgagctc tgtgaccgcc 60

gcagacacgg ccgtgtatta ctgtgcgaga cagggtagag ggaactggtt cgacccctgg 120

ggccaggga 129

<210> 3867
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3867
aacatatcag tagacacgtc caagaaccag ttctccctga agctgagctc tgtgaccgcc 60

gcagacacgg ccgtgtatta ctgtgcgaga cagggtagag ggaactggtt cgacccctgg 120

ggccaggga 129

<210> 3868
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3868

Asn Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser
1 5 10 15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gln Gly
20 25 30

Arg Gly Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 3869
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3869

Cys Ala Arg Glu Ala Val Gly Ala Thr Pro Phe Phe Asp Asp Trp
1 5 10 15

<210> 3870
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3870
tcagtagaca cgtccaagaa ccagttctcc ctgaagctga gctctgtgtc cgccgcggac 60

acggccgtat attattgtgc gagagaggcg gtgggagcca ctccctttt tgacgactgg 120

ggccaggga 129

<210> 3871
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3871

Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val
1 5 10 15

Ser Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Ala Val Gly
20 25 30

Ala Thr Pro Phe Phe Asp Asp Trp Gly Gln Gly
35 40

<210> 3872
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3872
tcagtagaca cgtccaagaa ccagttctcc ctgaagctga gctctgtggc cgccgcggac 60

acggccgtat attattgtgc gagagaggcg gtgggagcca ctccctttt tgacgactgg 120

ggccaggga 129

<210> 3873
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3873

Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val
1 5 10 15

Ala Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Ala Val Gly
20 25 30

Ala Thr Pro Phe Phe Asp Asp Trp Gly Gln Gly
35 40

<210> 3874
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3874
tcagtagaca cgtccaacaa ccagttctcc ctgaagctga gctctgtgtc cgccgcggac 60

acggccgtat attattgtgc gagagaggcg gtgggagcca ctccctttt tgacgactgg 120

ggccaggga 129

<210> 3875
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3875

Ser Val Asp Thr Ser Asn Asn Gln Phe Ser Leu Lys Leu Ser Ser Val
1 5 10 15

Ser Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Ala Val Gly
20 25 30

Ala Thr Pro Phe Phe Asp Asp Trp Gly Gln Gly

35 40

<210> 3876
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3876
tcagtacaca cgtccaacaa ccagttctcc ctgaagctga gctctgtgtc cgccgcggac 60

acggccgtat attattgtgc gagagaggcg gtgggagcca ctccctttt tgacgactgg 120

ggccaggga 129

<210> 3877
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3877

Ser Val His Thr Ser Asn Asn Gln Phe Ser Leu Lys Leu Ser Ser Val
1 5 10 15

Ser Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Ala Val Gly
20 25 30

Ala Thr Pro Phe Phe Asp Asp Trp Gly Gln Gly
35 40

<210> 3878
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3878

Cys Val Arg Val Pro Ala Ala Ala Gly Lys Gly Val Pro Gly Ile Phe
1   5   10   15

Asp Ile Trp

<210> 3879
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3879
tcctcgacct cagtctacat ggagctgagg agcctgagat ctgacgacac ggccgtgtat 60

tactgtgtga gagtaccagc agcagctgga aagggcgtcc ctggtatttt tgatatttgg 120

ggccaaggg 129

<210> 3880
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3880

Ser Ser Thr Ser Val Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Val Arg Val Pro Ala Ala Ala Gly Lys Gly
            20   25   30

Val Pro Gly Ile Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 3881
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3881
tccacgacca cagtctacat ggagctgagg agcctgagat ctgacgacac ggccgtgtat 60

tactgtgtga gagtaccagc agcagctgga aagggcgtcc ctggtatttt tgatatttgg 120

ggccaaggg 129

<210> 3882
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3882

Ser Thr Thr Thr Val Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Val Arg Val Pro Ala Ala Ala Gly Lys Gly
20 25 30

Val Pro Gly Ile Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 3883
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3883
cccacgacca cagtctacat ggagctgagg agcctgagat ctgacgacac ggccgtgtat 60

tactgtgtga gagtaccagc agcagctgga aagggcgtcc ctggtatttt tgatatttgg 120

ggccaaggg 129

<210> 3884
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3884

Pro Thr Thr Thr Val Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Val Arg Val Pro Ala Ala Ala Gly Lys Gly
20 25 30

Val Pro Gly Ile Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 3885
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3885
cccacgacca aagtctacat ggagctgagg agcctgagat ctgacgacac ggccgtgtat 60

tactgtgtga gagtaccagc agcagctgga aagggcgtcc ctggtatttt tgatatttgg 120

ggccaaggg 129

<210> 3886
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3886

Pro Thr Thr Lys Val Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp

1 5 10 15

Thr Ala Val Tyr Tyr Cys Val Arg Val Pro Ala Ala Ala Gly Lys Gly
20 25 30

Val Pro Gly Ile Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 3887
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3887

Cys Ala Lys Asp Gly Thr Glu Trp Trp Glu Ser Leu Thr Phe Tyr Asp
1 5 10 15

Tyr Trp

<210> 3888
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3888
aattccaaga acacgctgta tctgcaaatg aatagcctga gagtcgacga ctcgggtgtg 60

tactactgtg cgaaagatgg tacggagtgg tgggagtcac tcaccttcta tgactactgg 120

ggccaggga 129

<210> 3889
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3889

Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Val Asp
1   5   10   15

Asp Ser Gly Val Tyr Tyr Cys Ala Lys Asp Gly Thr Glu Trp Trp Glu
            20   25   30

Ser Leu Thr Phe Tyr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3890
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3890
aattccaaga acacgctgta tctgaaaatg aatagcctga gaggcgacga ctcgggtgtg   60

tactactgtg cgaaagatgg tacggagtgg tgggagtcac tcaccttcta tgactactgg   120

ggccaggga   129

<210> 3891
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3891

Asn Ser Lys Asn Thr Leu Tyr Leu Lys Met Asn Ser Leu Arg Gly Asp
1   5   10   15

Asp Ser Gly Val Tyr Tyr Cys Ala Lys Asp Gly Thr Glu Trp Trp Glu
            20   25   30

Ser Leu Thr Phe Tyr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3892
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3892
aattccaaca acacgctgta tctgaaaatg aatagcctga gagtcgacga ctcgggtgtg   60

tactactgtg cgaaagatgg tacggagtgg tgggagtcac tcaccttcta tgactactgg   120

ggccaggga   129

<210> 3893
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3893

Asn Ser Asn Asn Thr Leu Tyr Leu Lys Met Asn Ser Leu Arg Val Asp
1   5   10   15

Asp Ser Gly Val Tyr Tyr Cys Ala Lys Asp Gly Thr Glu Trp Trp Glu
            20   25   30

Ser Leu Thr Phe Tyr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3894
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3894
aattccaaga acacgctgta tctgcaaatg aatcgcctga gagtcgacga ctcgggtgtg 60

tactactgtg cgaaagatgg tacggagtgg tgggagtcac tcaccttcta tgactactgg 120

ggccaggga 129

<210> 3895
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3895

Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Arg Leu Arg Val Asp
1 5 10 15

Asp Ser Gly Val Tyr Tyr Cys Ala Lys Asp Gly Thr Glu Trp Trp Glu
20 25 30

Ser Leu Thr Phe Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 3896
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3896

Cys Ala Arg Glu Gly Gly Gly Ser Ser Phe Asp Tyr Trp
1 5 10

<210> 3897
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3897
accatcaacc cggacacatc caagaaccag ttctccctgc agctgaactc tgtgactccc 60

gaggacacgg ctgtgtatta ctgtgcaaga gaggggggtg ggagttcgtt tgactactgg 120

ggccaggga 129

<210> 3898
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3898

Thr Ile Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn
1   5   10   15

Ser Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Gly
            20   25   30

Gly Gly Ser Ser Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3899
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3899
accatcaacc cggacacatc caagaaccag ttctccctgc agctgaactc tgtgactccc 60

aaggacacgg ctgtgtatta ctgtgcaaga gaggggggtg ggagttcgtt tgactactgg 120

ggccaggga 129

<210> 3900

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3900

Thr Ile Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn
1 5 10 15

Ser Val Thr Pro Lys Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Gly
20 25 30

Gly Gly Ser Ser Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3901
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3901
accatcaacc cgcacacatc caagaaccag ttctccctgc agctgaactc tgtgactccc 60

gaggacacgg ctgtgtatta ctgtgcaaga gaggggggtg ggagttcgtt tgactactgg 120

ggccaggga 129

<210> 3902
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3902

Thr Ile Asn Pro His Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn
1 5 10 15

Ser Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Gly
            20   25   30

Gly Gly Ser Ser Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3903
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3903
accatcaacc cgcacacatc caagaaccag ttctccctgc agctgaactc tgtgactccc 60

aaggacacgg ctgtgtatta ctgtgcaaga gaggggggtg ggagttcgtt tgactactgg 120

ggccaggga 129

<210> 3904
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3904

Thr Ile Asn Pro His Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn
1   5   10   15

Ser Val Thr Pro Lys Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Gly
            20   25   30

Gly Gly Ser Ser Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3905
<211> 13
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3905

Cys Ala Ser Gly Tyr Ser Ser Ser Trp Tyr Asp Tyr Trp
1 5 10

<210> 3906
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3906
accatctcca tacacaattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgagc gggtatagca gcagctggta cgattactgg 120

ggccaggga 129

<210> 3907
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3907

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Gly Tyr
20 25 30

Ser Ser Ser Trp Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 3908

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3908
accatctcca gagacaattc caagaacacg ctgtatcttc aaatgaacag cctgggagcc 60

gaggacacgg ccgtgtatta ctgtgcgagc gggtatagca gcagctggta cgattactgg 120

ggccaggga 129

<210> 3909
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3909

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Gly Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Gly Tyr
20 25 30

Ser Ser Ser Trp Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 3910
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3910
accatctcca gagacaattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgagc gggtatagca gcagctggta cgattactgg 120

ggccaggga 129

<210> 3911
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3911

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Gly Tyr
20 25 30

Ser Ser Ser Trp Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 3912
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3912
accatctcca gacacaattc caacaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgagc gggtatagca gcagctggta cgattactgg 120

ggccaggga 129

<210> 3913
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3913

Thr Ile Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Gly Tyr
            20   25   30

Ser Ser Ser Trp Tyr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3914
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3914

Cys Ala Arg Asp Ser Ser Ser Trp Tyr Tyr Glu Ser Pro Asp Phe Tyr
1   5   10   15

Tyr Tyr Tyr Gly Met Asp Val Trp
            20

<210> 3915
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3915
tatcttcaaa tgaacagcct gagagccgag gacacggccg tgtattactg tgcgagagat 60

agcagcagct ggtactatga atccccggac ttctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3916
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3916

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1   5   10   15

Cys Ala Arg Asp Ser Ser Ser Trp Tyr Tyr Glu Ser Pro Asp Phe Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3917
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3917
tatattcaaa tgaacagcct gagagccgag gacacggccg tgtattactg tgcgagagat   60

agcagcagct ggtactatga atccccggac ttctactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 3918
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3918

Tyr Ile Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1   5   10   15

Cys Ala Arg Asp Ser Ser Ser Trp Tyr Tyr Glu Ser Pro Asp Phe Tyr

20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3919
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3919
tatattcaaa tcaacagcct gagagccgag gacacggccg tgtattactg tgcgagagat 60

agcagcagct ggtactatga atccccggac ttctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3920
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3920

Tyr Ile Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Arg Asp Ser Ser Ser Trp Tyr Tyr Glu Ser Pro Asp Phe Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3921
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3921
tatattaaaa tgaacagcct gagagccgag gacacggccg tgtattactg tgcgagagat 60

agcagcagct ggtactatga atccccggac ttctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3922
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3922

Tyr Ile Lys Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1   5   10   15

Cys Ala Arg Asp Ser Ser Ser Trp Tyr Tyr Glu Ser Pro Asp Phe Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3923
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3923

Cys Ala Arg Gly Ser Gly Ser Ala Gly Tyr Phe Asp Tyr Trp
1   5   10

<210> 3924
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3924
atctccatac acaattccaa gaacacactg tatcttcaaa tgaacagcct gagagccgag 60

gacacggccg tgtattactg tgcgagagga agtggttcgg ccggatactt tgactactgg 120

ggccaagga 129

<210> 3925
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3925

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Ser Gly
20 25 30

Ser Ala Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3926
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3926
atctccagag acaattccaa gaacacactg tatcttcaaa tgaacagcct gagagccgag 60

gacacggccg tgtattactg tgcgagagga agtggttcgg ccggatactt tgactactgg 120

ggccaagga 129

<210> 3927
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3927

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Ser Gly
20 25 30

Ser Ala Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3928
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3928
atctccagac acaattccaa caacacactg tatcttcaaa tgaacagcct gagagccgag 60

gacacggccg tgtattactg tgcgagagga agtggttcgg ccggatactt tgactactgg 120

ggccaagga 129

<210> 3929
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3929

Ile Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser

1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Ser Gly
20 25 30

Ser Ala Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3930
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3930
atctccacag acaattccaa caacacactg tatcttcaaa tgaacagcct gagagccgag 60

gacacggccg tgtattactg tgcgagagga agtggttcgg ccggatactt tgactactgg 120

ggccaagga 129

<210> 3931
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3931

Ile Ser Thr Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Ser Gly
20 25 30

Ser Ala Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3932

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3932

Cys Ala Lys Glu Phe Arg Val Arg Gly Phe Gly Glu Val Pro Arg Leu
1 5 10 15

Asp Tyr Trp

<210> 3933
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3933
tcctggggga cgctgtttct gcaaatgagt agcctgagag tcgacgactc ggctatttac 60

tactgtgcga aagaatttag ggtgaggggg ttcggggagg tcccccgatt ggactactgg 120

ggccaggga 129

<210> 3934
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3934

Ser Trp Gly Thr Leu Phe Leu Gln Met Ser Ser Leu Arg Val Asp Asp
1 5 10 15

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

Glu Val Pro Arg Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 3935
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3935
tccaggggga cgctgtttct gcaaatgagt agcctgagag tcgacgactc ggctatttac 60

tactgtgcga aagaatttag ggtgaggggg ttcggggagg tcccccgatt ggactactgg 120

ggccaggga 129

<210> 3936
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3936

Ser Arg Gly Thr Leu Phe Leu Gln Met Ser Ser Leu Arg Val Asp Asp
1 5 10 15

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

Glu Val Pro Arg Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 3937
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3937
tccaggggga cgctgtttct gcaaatgagt agcctgagag gcgacgactc ggctatttac 60

tactgtgcga aagaatttag ggtgaggggg ttcggggagg tcccccgatt ggactactgg 120

ggccaggga 129

<210> 3938
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3938

Ser Arg Gly Thr Leu Phe Leu Gln Met Ser Ser Leu Arg Gly Asp Asp
1 5 10 15

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

Glu Val Pro Arg Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 3939
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3939
tccaagaaga cgctgtttct gcaaatgaat agcctgagag gcgaggactc ggctatgtat 60

tactgtgcga aagagttcag ggtgaggggg ttcggggagg taccccgatt ggactactgg 120

ggccaggga 129

<210> 3940
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3940

Ser Lys Lys Thr Leu Phe Leu Gln Met Asn Ser Leu Arg Gly Glu Asp
1 5 10 15

Ser Ala Met Tyr Tyr Cys Ala Lys Glu Phe Arg Val Arg Gly Phe Gly
20 25 30

Glu Val Pro Arg Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 3941
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3941

Cys Ala Lys Gly Glu Trp Leu Val Asn Ser Asp Tyr Trp
1 5 10

<210> 3942
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3942
accatctcca tataataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgctaag ggggagtggc tggtaaatag cgactactgg 120

ggccaggga 129

<210> 3943

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3943

Thr Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Glu
20 25 30

Trp Leu Val Asn Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 3944
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3944
accatctcca tacataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgctaag ggggagtggc tggtaaatag cgactactgg 120

ggccaggga 129

<210> 3945
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3945

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Glu
            20   25   30

Trp Leu Val Asn Ser Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3946
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3946
accatctcca gagataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgctaag ggggagtggc tggtaaatag cgactactgg 120

ggccaggga 129

<210> 3947
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3947

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Glu
            20   25   30

Trp Leu Val Asn Ser Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3948
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3948
aacatctcca tagataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgctaag ggggagtggc tggtaaatag cgactactgg 120

ggccaggga 129

<210> 3949
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3949

Asn Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Glu
20 25 30

Trp Leu Val Asn Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 3950
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3950

Cys Ala Lys Asp Gln Arg Arg Ser Gly Val Asn Val Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp

20

<210> 3951
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3951
aacacgctgt atctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatc aacggcggag tggggtcaac gtctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3952
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3952

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Asp Gln Arg Arg Ser Gly Val Asn Val Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3953
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3953

aacacgatgt atctgcaaat gaacagcctg agagccgagt acacggccgt atattactgt 60

gcgaaagatc aacggcggag tggggtcaac gtctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3954
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3954

Asn Thr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Tyr Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Asp Gln Arg Arg Ser Gly Val Asn Val Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 3955
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3955
aacacgctgt atctgcaaat caacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatc aacggcggag tggggtcaac gtctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3956
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3956

Asn Thr Leu Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Lys Asp Gln Arg Arg Ser Gly Val Asn Val Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3957
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3957
aacacgctgt atctccaaat gaacagcctg agagccgagg acacggccgt atattactgt   60

gcgaaagatc aacggcggag tggggtcaac gtctactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 3958
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3958

Cys Ala Lys Glu Arg Gln Trp Leu Val Glu Pro Phe Phe Asp Tyr Trp
1   5   10   15

<210> 3959
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3959
agagacaatt ccaagaacat ggtttatctg cacatgaaca gcctgagagc cgacgacacg 60

gccgtatatt actgtgcgaa agagaggcag tggctggtag agccattttt tgactactgg 120

ggccaggga 129

<210> 3960
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3960

Arg Asp Asn Ser Lys Asn Met Val Tyr Leu His Met Asn Ser Leu Arg
1 5 10 15

Ala Asp Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Arg Gln Trp Leu
20 25 30

Val Glu Pro Phe Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3961
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3961
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agagaggcag tggctggtag agccattttt tgactactgg 120

ggccaggga 129

<210> 3962
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3962

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Arg Gln Trp Leu
            20   25   30

Val Glu Pro Phe Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3963
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3963
agagacaatt ccaagaacac cctatatctg cagatgaaca gcctgagagc cgaggacacg   60

gccgtctatt actgtgcgaa agagaggcag tggctggtag agccattttt tgactactgg   120

ggccaggga   129

<210> 3964
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3964
acagacaatt ccaagaacac gctgtatctg caaatgaacc gcctgagagc cgaggacacg   60

gccgtatatt actgtgcgaa agagaggcag tggctggtag agccattttt tgactactgg 120

ggccaggga 129

<210> 3965
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3965

Thr Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Arg Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Arg Gln Trp Leu
20 25 30

Val Glu Pro Phe Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 3966
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3966

Cys Ala Arg Asp Arg Arg Asp Ser Gly Tyr Asp Ile Asp Tyr Trp
1 5 10 15

<210> 3967
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3967

tccagagaca atgccaagaa ctcactgtat ctacaaatga acagcctgag agacgaggac 60

acggctctgt attattgtgc gagagataga cgtgatagtg gctacgatat agactactgg 120

ggccaggga 129

<210> 3968
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3968

Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Asp Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Arg Asp Arg Arg Asp
20 25 30

Ser Gly Tyr Asp Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 3969
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3969
tccagagaca atcccaacaa ctcactgtat ctacaaatga acagcctgag agacgaggac 60

acggctctgt attattgtgc gagagataga cgtgatagtg gctacgatat agactactgg 120

ggccaggga 129

<210> 3970
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3970

Ser Arg Asp Asn Pro Asn Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Asp Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Arg Asp Arg Arg Asp
            20   25   30

Ser Gly Tyr Asp Ile Asp Tyr Trp Gly Gln Gly
        35   40

<210> 3971
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3971
tccagacaca atcccaagaa ctcactgtat ctacaaatga acagcctgag agacgaggac   60

acggctctgt attattgtgc gagagataga cgtgatagtg gctacgatat agactactgg   120

ggccaggga   129

<210> 3972
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3972

Ser Arg His Asn Pro Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Asp Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Arg Asp Arg Arg Asp
            20   25   30

Ser Gly Tyr Asp Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 3973
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3973
tacagagaca atgccaagaa ctcactgtat ctacaaatca acagcctgag agacgaggac 60

acggctctgt attattgtgc gagagataga cgtgatagtg gctacgatat agactactgg 120

ggccaggga 129

<210> 3974
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3974

Tyr Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Ile Asn Ser Leu
1 5 10 15

Arg Asp Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Arg Asp Arg Arg Asp
20 25 30

Ser Gly Tyr Asp Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 3975
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3975

Cys Ala Arg Gly Tyr Asn Trp Asn Asp Trp Val Leu Gly Ala Phe Asp
1 5 10 15

Ile Trp

<210> 3976
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3976
aattccaaga acacgctgta tcttcaaatg aacagcctga gagccgagga cacggccgtg 60

tattactgtg cgagagggta caactggaac gactgggtct taggtgcttt tgatatctgg 120

ggccaaggg 129

<210> 3977
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3977

Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Tyr Asn Trp Asn Asp Trp
20 25 30

Val Leu Gly Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 3978

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3978
aattccaaga acacgctgta tcttcaaatc aacagcctga gagccgagga cacggccgtg 60

tattactgtg cgagagggta caactggaac gactgggtct taggtgcttt tgatatctgg 120

ggccaaggg 129

<210> 3979
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3979

Asn Ser Lys Asn Thr Leu Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Tyr Asn Trp Asn Asp Trp
20 25 30

Val Leu Gly Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 3980
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3980
aattccaaca acacgatgta tcttcaaatc aacagcctga gagccgagga cacggccgtg 60

tattactgtg cgagagggta caactggaac gactgggtct taggtgcttt tgatatctgg 120

ggccaaggg 129

<210> 3981
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3981

Asn Ser Asn Asn Thr Met Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Tyr Asn Trp Asn Asp Trp
20 25 30

Val Leu Gly Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 3982
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3982
aattccaata acacgattta tcttcaaatg aacagcctga gagccgagga cacggccgtg 60

tattactgtg cgagagggta caactggaac gactgggtct taggtgcttt tgatatctgg 120

ggccaaggg 129

<210> 3983
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3983

Asn Ser Asn Asn Thr Ile Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Tyr Asn Trp Asn Asp Trp
            20   25   30

Val Leu Gly Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 3984
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3984

Cys Leu Arg Gly Trp Ser Thr Ala Met Asp Tyr Trp
1   5   10

<210> 3985
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3985
ttcaccatct ccagagacaa cgccaagaac acgctgtatc tgcaaatgaa cagtctgaga 60

gccgaagaca cggctctgta ttattgtcta agagggtgga gtacagctat ggattactgg 120

ggccaggga 129

<210> 3986
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3986

Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Leu Arg Gly
20 25 30

Trp Ser Thr Ala Met Asp Tyr Trp Gly Gln Gly
35 40

<210> 3987
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3987
ttcaccatct ccagacacaa cgccaagaac acgctgtatc tgcaaatgaa cagtctgaga 60

gccgaagaca cggctctgta ttattgtcta agagggtgga gtacagctat ggattactgg 120

ggccaggga 129

<210> 3988
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3988

Phe Thr Ile Ser Arg His Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Leu Arg Gly
20 25 30

Trp Ser Thr Ala Met Asp Tyr Trp Gly Gln Gly

35 40

<210> 3989
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3989
ttcaccatct ccagacacaa cgccaagaac acgctgtatc tgcaaatgaa cagtctgaga 60

gccgaacaca cggctctgta ttattgtcta agagggtgga gtacagctat ggattactgg 120

ggccaggga 129

<210> 3990
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3990

Phe Thr Ile Ser Arg His Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu His Thr Ala Leu Tyr Tyr Cys Leu Arg Gly
20 25 30

Trp Ser Thr Ala Met Asp Tyr Trp Gly Gln Gly
35 40

<210> 3991
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3991

ttcaccatct ccagacacaa ccccaagaac acgctgtatc tgcaaatgaa cagtctgaga 60

gccgaagaca cggctctgta ttattgtcta agagggtgga gtacagctat ggattactgg 120

ggccaggga 129

<210> 3992
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3992

Phe Thr Ile Ser Arg His Asn Pro Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Leu Arg Gly
20 25 30

Trp Ser Thr Ala Met Asp Tyr Trp Gly Gln Gly
35 40

<210> 3993
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3993

Cys Ala Arg Glu Pro Thr Leu Thr Met Val Arg Gly Phe Val Pro Ser
1 5 10 15

Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
20 25

<210> 3994
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3994
ttggtgctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagagaaccg 60

accttgacta tggttcgggg atttgttcct tcctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3995
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3995

Leu Val Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Glu Pro Thr Leu Thr Met Val Arg Gly Phe Val Pro Ser Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3996
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3996
ttggagctga ggtgcctgag atctgacgac acggccgtgt attactgtgc gagagaaccg 60

accttgacta tggttcgggg atttgttcct tcctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 3997
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3997

Leu Glu Leu Arg Cys Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Glu Pro Thr Leu Thr Met Val Arg Gly Phe Val Pro Ser Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 3998
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3998
ttggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagagaaccg   60

accttgacta tggttcgggg atttgttcct tcctactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 3999
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 3999

Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys

1 5 10 15

Ala Arg Glu Pro Thr Leu Thr Met Val Arg Gly Phe Val Pro Ser Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4000
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4000
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagagaaccg 60

accttgacta tggttcgggg atttgttcct tcctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4001
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4001

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Glu Pro Thr Leu Thr Met Val Arg Gly Phe Val Pro Ser Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4002

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4002

Cys Ala Lys Glu Gly Arg Val Val Ala Ala Thr Asp Tyr Trp
1 5 10

<210> 4003
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4003
ttctccagag acaattccaa caacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagag gggcgcgtgg tagctgctac agactactgg 120

ggccaggga 129

<210> 4004
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4004

Phe Ser Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Gly Arg
20 25 30

Val Val Ala Ala Thr Asp Tyr Trp Gly Gln Gly
35 40

<210> 4005
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4005
atctccagag acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagag gggcgcgtgg tagctgctac agactactgg 120

ggccaggga 129

<210> 4006
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4006

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Gly Arg
20 25 30

Val Val Ala Ala Thr Asp Tyr Trp Gly Gln Gly
35 40

<210> 4007
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4007
atctccagac acaattccaa caacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagag gggcgcgtgg tagctgctac agactactgg 120

ggccaggga 129

<210> 4008
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4008

Ile Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Gly Arg
20 25 30

Val Val Ala Ala Thr Asp Tyr Trp Gly Gln Gly
35 40

<210> 4009
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4009
atctccacac acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagag gggcgcgtgg tagctgctac agactactgg 120

ggccaggga 129

<210> 4010
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4010

Ile Ser Thr His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Gly Arg
20 25 30

Val Val Ala Ala Thr Asp Tyr Trp Gly Gln Gly
35 40

<210> 4011
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4011

Cys Ala Arg Asp Leu Glu Gly Gly Tyr Phe Asp Tyr Trp
1 5 10

<210> 4012
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4012
tacatgacca gggacacgtc cacgagcaca gtctacatgg agctgagcag cctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga gatctggagg ggggttactt tgactactgg 120

ggccaggga 129

<210> 4013
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4013

Tyr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser
1   5   10   15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu
            20   25   30

Glu Gly Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4014
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4014
accatgaccc ggcacacgtc cacgagcaca gtctacatgg agctgagcag cctgagatct   60

gaggacacgg ccgtgtatta ctgtgcgaga gatctggagg ggggttactt tgactactgg   120

ggccaggga   129

<210> 4015
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4015

Thr Met Thr Arg His Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser
1   5   10   15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu
            20   25   30

Glu Gly Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4016
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4016
accatgacca gggacacgtc cacgagcaca gtctacatgg agctgagcag cctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga gatctggagg ggggttactt tgactactgg 120

ggccaggga 129

<210> 4017
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4017

Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser
1 5 10 15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu
20 25 30

Glu Gly Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4018
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4018
accatgacca ggcacacgtc cacgagcaca gtctacatgg agctgagcag cctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga gatctggagg ggggttactt tgactactgg 120

ggccaggga 129

<210> 4019
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4019

Cys Ala Arg Gly Arg Trp Leu Thr Val Pro Tyr Asp Tyr Tyr Tyr Gly
1 5 10 15

Leu Asp Val Trp
20

<210> 4020
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4020
atgaaccagt tctccctgat gctggattct ctgaccgccg cggacacggc cgtatattac 60

tgtgcgaggg ggcggtggct gacggtaccg tatgactact attacggtct ggacgtctgg 120

ggccaaggg 129

<210> 4021
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4021

Met Asn Gln Phe Ser Leu Met Leu Asp Ser Leu Thr Ala Ala Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly Arg Trp Leu Thr Val Pro Tyr Asp
20 25 30

Tyr Tyr Tyr Gly Leu Asp Val Trp Gly Gln Gly
35 40

<210> 4022
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4022
aagaaccagt tctccctgaa gctggattct ctgaccgccg cggacgcggc cgtatattac 60

tgtgcgaggg ggcggtggct gacggtaccg tatgactact attacggtct ggacgtctgg 120

ggccaaggg 129

<210> 4023
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4023

Lys Asn Gln Phe Ser Leu Lys Leu Asp Ser Leu Thr Ala Ala Asp Ala
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly Arg Trp Leu Thr Val Pro Tyr Asp
20 25 30

Tyr Tyr Tyr Gly Leu Asp Val Trp Gly Gln Gly

35 40

<210> 4024
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4024
aagaaccagt tctccctgaa gctggattct ctgaccgccg cggacacggc cgtatattac 60

tgtgcgaggg ggcggtggct gacggtaccg tatgactact attacggtct ggacgtctgg 120

ggccaaggg 129

<210> 4025
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4025

Lys Asn Gln Phe Ser Leu Lys Leu Asp Ser Leu Thr Ala Ala Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly Arg Trp Leu Thr Val Pro Tyr Asp
20 25 30

Tyr Tyr Tyr Gly Leu Asp Val Trp Gly Gln Gly
35 40

<210> 4026
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4026

aacaaccagt tctccctgac gctggattct ctgaccgccg cggacacggc cgtatattac 60

tgtgcgaggg ggcggtggct gacggtaccg tatgactact attacggtct ggacgtctgg 120

ggccaaggg 129

<210> 4027
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4027

Asn Asn Gln Phe Ser Leu Thr Leu Asp Ser Leu Thr Ala Ala Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly Arg Trp Leu Thr Val Pro Tyr Asp
20 25 30

Tyr Tyr Tyr Gly Leu Asp Val Trp Gly Gln Gly
35 40

<210> 4028
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4028

Cys Val Arg Glu Arg Gly Pro Gly Glu Pro Cys Phe Asp Cys Trp
1 5 10 15

<210> 4029
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4029
tcaagatatc attcaaagag ctctctgtat ctgcaaatga gcagcgtgaa aaccgaggac 60

acggccgtct attactgtgt tagagagagg ggaccggggg agccgtgctt tgactgctgg 120

ggccaggga 129

<210> 4030
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4030

Ser Arg Tyr His Ser Lys Ser Ser Leu Tyr Leu Gln Met Ser Ser Val
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Glu Arg Gly Pro
20 25 30

Gly Glu Pro Cys Phe Asp Cys Trp Gly Gln Gly
35 40

<210> 4031
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4031
tcaagagatt attcaaagag ctctctgtat ctgcaaatga gcagcgtgaa aaccgaggac 60

acggccgtct attactgtgt tagagagagg ggaccggggg agccgtgctt tgactgctgg 120

ggccaggga 129

<210> 4032
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4032

Ser Arg Asp Tyr Ser Lys Ser Ser Leu Tyr Leu Gln Met Ser Ser Val
1   5   10   15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Glu Arg Gly Pro
            20   25   30

Gly Glu Pro Cys Phe Asp Cys Trp Gly Gln Gly
        35   40

<210> 4033
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4033
tcaagagatg attcaaagag ctctctgtat ctgcaaatga gcagcgtgaa aaccgaggac 60

acggccgtct attactgtgt tagagagagg ggaccggggg agccgtgctt tgactgctgg 120

ggccaggga 129

<210> 4034
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4034

Ser Arg Asp Asp Ser Lys Ser Ser Leu Tyr Leu Gln Met Ser Ser Val
1   5   10   15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Glu Arg Gly Pro

20 25 30

Gly Glu Pro Cys Phe Asp Cys Trp Gly Gln Gly
35 40

<210> 4035
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4035
tcaagagatc attcaaagag ctctctgtat ctgcaaatga gcagcgtgaa aaccgaggac 60

acggccgtct attactgtgt tagagagagg ggaccggggg agccgtgctt tgactgctgg 120

ggccaggga 129

<210> 4036
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4036

Ser Arg Asp His Ser Lys Ser Ser Leu Tyr Leu Gln Met Ser Ser Val
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Glu Arg Gly Pro
20 25 30

Gly Glu Pro Cys Phe Asp Cys Trp Gly Gln Gly
35 40

<210> 4037
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4037

Cys Ala Lys Glu Phe Arg Val Arg Gly Cys Gly Glu Val Pro Arg Leu
1   5   10   15

Asp Tyr Trp

<210> 4038
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4038
tcctggggga cgctgtttct ccaaatgagt agcctgagag gcgacgactc ggctatttac   60

tactgtgcga aagaatttag ggtgaggggg tgcggggagg tcccccgatt ggactactgg   120

ggccaggga   129

<210> 4039
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4039

Ser Trp Gly Thr Leu Phe Leu Gln Met Ser Ser Leu Arg Gly Asp Asp
1   5   10   15

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

Glu Val Pro Arg Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4040
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4040
tccaggggga cgctgtttct gcaaatgagt agcctgagag tcgacgactc ggctatttac 60

tactgtgcga aagaatttag ggtgaggggg tgcggggagg tcccccgatt ggactactgg 120

ggccaggga 129

<210> 4041
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4041

Ser Arg Gly Thr Leu Phe Leu Gln Met Ser Ser Leu Arg Val Asp Asp
1   5   10   15

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

Glu Val Pro Arg Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4042
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4042
tccaagaaga cgctgtttct gcaaatgaat agcctgagag gcgaggactc ggctatgtat 60

tactgtgcga aagagttccg ggtgaggggg tgcggggagg taccccgatt ggactactgg 120

ggccaggga 129

<210> 4043
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4043

Ser Lys Lys Thr Leu Phe Leu Gln Met Asn Ser Leu Arg Gly Glu Asp
1 5 10 15

Ser Ala Met Tyr Tyr Cys Ala Lys Glu Phe Arg Val Arg Gly Cys Gly
20 25 30

Glu Val Pro Arg Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 4044
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4044
tccaagaaga cgctgtttct gcaaatgaat agcctgagag gcgaggactc ggctatgtat 60

tactgtgcga aagagttcag ggtgaggggg tgcggggagg taccccgatt ggactactgg 120

ggccaggga 129

<210> 4045
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4045

Cys Thr Ser Arg Arg Ile Pro Asp Pro Asp Tyr Trp
1 5 10

<210> 4046
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4046
ttcaccatct ccatagatta ttcaaagaac acggcgtatc tgcaaatgaa cagcctgaaa 60

accgaggaca cggccgtgta ttactgtact agccgacgga tacctgaccc ggactactgg 120

ggccaggga 129

<210> 4047
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4047

Phe Thr Ile Ser Ile Asp Tyr Ser Lys Asn Thr Ala Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Ser Arg
20 25 30

Arg Ile Pro Asp Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 4048
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4048
ttcaccatct ccagatatga ttcaaagaac acggcgtatc tgcaaatgaa cagcctgaaa 60

cccgaggaca cggccgtgta ttactgtact agccgacgga tacctgaccc ggactactgg 120

ggccaggga 129

<210> 4049
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4049

Phe Thr Ile Ser Arg Tyr Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys Thr Ser Arg
            20   25   30

Arg Ile Pro Asp Pro Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4050
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4050
ttcaccatct ccagatatga ttcaaagaac acggcgtatc tgaaaatgaa cagcctgaaa 60

accgaggaca cggccgtgta ttactgtact agccgacgga tacctgaccc ggactactgg 120

ggccaggga 129

<210> 4051

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4051

Phe Thr Ile Ser Arg Tyr Asp Ser Lys Asn Thr Ala Tyr Leu Lys Met
1 5 10 15

Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Ser Arg
20 25 30

Arg Ile Pro Asp Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 4052
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4052
ttcaccatct ccagagatga ttcaaagaac acggcgtatc tgcaaatgaa cagcctgaaa 60

accgaggaca cggccgtgta ttactgtact agccgacgga tacctgaccc ggactactgg 120

ggccaggga 129

<210> 4053
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4053

Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Ser Arg
            20   25   30

Arg Ile Pro Asp Pro Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4054
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4054

Cys Ala Arg Ala Arg Ser Gly Tyr Tyr Ile Asp Tyr Trp
1   5   10

<210> 4055
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4055
tccatctcca tagaaaatgc caagaactcc ttgtatcttc aaatgaacag cctgagagcc 60

ggggacacgg ctgtgtatta ctgtgcaaga gcgcggagtg gttattacat tgactactgg 120

ggccaggga 129

<210> 4056
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4056

Ser Ile Ser Ile Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn

1 5 10 15

Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Arg
20 25 30

Ser Gly Tyr Tyr Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 4057
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4057
accatctcca gagaaaatgc caagaactcc ttgtatcttc aaatgaacag cctgagagcc 60

ggggacacgg ctgtgtatta ctgtgcaaga gcgcggagtg gttattacat tgactactgg 120

ggccaggga 129

<210> 4058
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4058

Thr Ile Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Arg
20 25 30

Ser Gly Tyr Tyr Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 4059

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4059
aacatctcca tagaaaatgc caagaactcc ttgtatcttc aaatgaacag cctgagagcc 60

ggggacacgg ctgtgtatta ctgtgcaaga gcgcggagtg gttattacat tgactactgg 120

ggccaggga 129

<210> 4060
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4060

Asn Ile Ser Ile Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Arg
20 25 30

Ser Gly Tyr Tyr Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 4061
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4061
aacatctcca gagaaaatgc caagaactcc ttgtatcttc aaatgaacag cctgagagcc 60

ggtgacacgg ctgtgtatta ctgtgcaaga gcgcggagtg gttattacat tgactactgg 120

ggccaggga 129

<210> 4062
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4062

Asn Ile Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Arg
20 25 30

Ser Gly Tyr Tyr Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 4063
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4063

Cys Ala Arg Glu Ser Asp Ala Val Gly Ala Thr Val Thr Asn Tyr Tyr
1 5 10 15

Tyr Gly Met Asp Val Trp
20

<210> 4064
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4064
tcgctgtatc ttcaaatgac cagcctgaga gccgaggaca cggccgtgta ttactgtgcg 60

agagagtccg acgccgtggg ggctacggtt acaaattact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4065
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4065

Ser Leu Tyr Leu Gln Met Thr Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Glu Ser Asp Ala Val Gly Ala Thr Val Thr Asn
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4066
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4066
tcgatgtatc ttcaaatgaa cagcctgaga gccgaggaca cggccgtgta ttactgtgcg 60

agagagtccg acgccgtggg ggctacggtt acaaattact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4067
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4067

Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Glu Ser Asp Ala Val Gly Ala Thr Val Thr Asn
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4068
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4068
acgctgtatc ttcaaatgaa cagcctgaga gccgaggaca cggccgtgta ttactgtgcg   60

agagagtccg acgccgtggg ggctacggtt acaaattact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 4069
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4069

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Glu Ser Asp Ala Val Gly Ala Thr Val Thr Asn

20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4070
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4070
acgatgtatc ttcaaatcaa cagcctgaga gccgaggaca cggccgtgta ttactgtgcg 60

agagagtccg acgccgtggg ggctacggtt acaaattact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4071
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4071

Thr Met Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Glu Ser Asp Ala Val Gly Ala Thr Val Thr Asn
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4072
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4072

Cys Ala Lys Val Val Gly Ile Leu Thr Gly Tyr Phe Asp Trp
1   5   10

<210> 4073
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4073
atctccatat acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag   60

gacacggccg tatattactg tgcgaaagtt gttggtattt tgactggtta tttcgactgg   120

ggccaggga   129

<210> 4074
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4074

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Val Gly
            20   25   30

Ile Leu Thr Gly Tyr Phe Asp Trp Gly Gln Gly
        35   40

<210> 4075
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4075
atctccatac acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagtt gttggtattt tgactggtta tttcgactgg 120

ggccaggga 129

<210> 4076
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4076

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Val Gly
20 25 30

Ile Leu Thr Gly Tyr Phe Asp Trp Gly Gln Gly
35 40

<210> 4077
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4077
atctccagag acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagtt gttggtattt tgactggtta tttcgactgg 120

ggccaggga 129

<210> 4078
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4078

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Val Gly
20 25 30

Ile Leu Thr Gly Tyr Phe Asp Trp Gly Gln Gly
35 40

<210> 4079
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4079
atctccagac acaattccaa caacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagtt gttggtattt tgactggtta tttcgactgg 120

ggccaggga 129

<210> 4080
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4080

Ile Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser

1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Val Gly
20 25 30

Ile Leu Thr Gly Tyr Phe Asp Trp Gly Gln Gly
35 40

<210> 4081
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4081

Cys Ala Lys Asp Arg Leu Arg Ser Ser Asp Tyr Trp
1 5 10

<210> 4082
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4082
ttcaccatct ccagagacaa ttccaagagc actctatatc tgcaaatgag cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaagatcgcc tacggtcctc agactactgg 120

ggcccggga 129

<210> 4083
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4083

```
Phe Thr Ile Ser Arg Asp Asn Ser Lys Ser Thr Leu Tyr Leu Gln Met
1               5                   10                  15


Ser Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp
            20                  25                  30


Arg Leu Arg Ser Ser Asp Tyr Trp Gly Pro Gly
        35                  40


<210>  4084
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4084
ttcaccatct ccagagacaa ttccaagaac acactatatc tgcaaatgag cagcctgaga       60

gccgaggaca cggccgtata ttactgtgcg aaagatcgcc tacggtcctc agactactgg      120

ggccaggga                                                              129


<210>  4085
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4085

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1               5                   10                  15


Ser Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp
            20                  25                  30


Arg Leu Arg Ser Ser Asp Tyr Trp Gly Gln Gly
        35                  40
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<210> 4086
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4086
ttcaccatct ccagacacaa ttccaagagc actctatatc tgcaaatgag cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaagatcgcc tacggtcctc agactactgg 120

ggcccggga 129

<210> 4087
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4087

Phe Thr Ile Ser Arg His Asn Ser Lys Ser Thr Leu Tyr Leu Gln Met
1 5 10 15

Ser Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp
20 25 30

Arg Leu Arg Ser Ser Asp Tyr Trp Gly Pro Gly
35 40

<210> 4088
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4088
ttcaccatct ccagacacaa ttccaagaac acaatatatc tgcaaatgag cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaagatcgcc tacggtcctc agactactgg 120

ggccaggga 129

<210> 4089
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4089

Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Ile Tyr Leu Gln Met
1 5 10 15

Ser Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp
20 25 30

Arg Leu Arg Ser Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 4090
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4090

Cys Ala Lys Gly Pro Leu Val Gly Trp Tyr Phe Asp Leu Trp
1 5 10

<210> 4091
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4091

ttctccagat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagga cctctcgtag gctggtactt cgatctctgg 120

ggccgtggc 129

<210> 4092
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4092

Phe Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Pro Leu
20 25 30

Val Gly Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 4093
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4093
atctccatat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagga cctctcgtag gctggtactt cgatctctgg 120

ggccgtggc 129

<210> 4094
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4094

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Pro Leu
            20   25   30

Val Gly Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 4095
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4095
atctccatac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag   60

gacacggccg tatattactg tgcgaaagga cctctcgtag gctggtactt cgatctctgg   120

ggccgtggc   129

<210> 4096
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4096

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Pro Leu
            20   25   30

Val Gly Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 4097
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4097
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagga cctctcgtag gctggtactt cgatctctgg 120

ggccgtggc 129

<210> 4098
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4098

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Pro Leu
20 25 30

Val Gly Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 4099
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4099

Cys Ala Asn Ser Gln Asp Tyr Asp Ser Ser Gly Tyr Tyr Pro Asp Tyr
1 5 10 15

Trp

<210> 4100
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4100
tacaattcca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaactc gcaggactat gatagtagtg gttattaccc cgactactgg 120

ggccaggga 129

<210> 4101
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4101

Tyr Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Asn Ser Gln Asp Tyr Asp Ser
20 25 30

Ser Gly Tyr Tyr Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 4102

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4102
gacaattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaactc gcaggactat gatagtagtg gttattaccc cgactactgg 120

ggccaggga 129

<210> 4103
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4103

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Asn Ser Gln Asp Tyr Asp Ser
20 25 30

Ser Gly Tyr Tyr Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 4104
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4104
gacaatacca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaactc gcaggactat gatagtagtg gttattaccc cgactactgg 120

ggccaggga 129

<210> 4105
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4105

Asp Asn Thr Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Asn Ser Gln Asp Tyr Asp Ser
20 25 30

Ser Gly Tyr Tyr Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 4106
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4106
gaaaattcca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaactc gcaggactat gatagtagtg gttattaccc cgactactgg 120

ggccaggga 129

<210> 4107
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4107

Glu Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Asn Ser Gln Asp Tyr Asp Ser
            20   25   30

Ser Gly Tyr Tyr Pro Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4108
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4108

Cys Ala Lys Thr Arg His Tyr Gly Asp Tyr Trp Tyr Phe Asp Leu Trp
1   5   10   15

<210> 4109
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4109
ttagataatt ccaagaacac gctgcatctg caaatgaaca gcctgagagc cgacgacacg 60

gccgtatatt actgtgcgaa aactagacac tacggtgact actggtactt cgatctctgg 120

ggccgtggc 129

<210> 4110
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4110

Leu Asp Asn Ser Lys Asn Thr Leu His Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Asp Asp Thr Ala Val Tyr Tyr Cys Ala Lys Thr Arg His Tyr Gly
20 25 30

Asp Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 4111
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4111
atatataatt ccaagaacac gctgcatctg caaatgaaca gcctgagagc cgacgacacg 60

gccgtatatt actgtgcgaa aactagacac tacggtgact actggtactt cgatctctgg 120

ggccgtggc 129

<210> 4112
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4112

Ile Tyr Asn Ser Lys Asn Thr Leu His Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Asp Asp Thr Ala Val Tyr Tyr Cys Ala Lys Thr Arg His Tyr Gly
20 25 30

Asp Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly

35 40

<210> 4113
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4113
atagataatt ccaacaacac gctgcatctg caaatgaaca gcctgagagc cgacgacacg 60

gccgtatatt actgtgcgaa aactagacac tacggtgact actggtactt cgatctctgg 120

ggccgtggc 129

<210> 4114
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4114

Ile Asp Asn Ser Asn Asn Thr Leu His Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Asp Asp Thr Ala Val Tyr Tyr Cys Ala Lys Thr Arg His Tyr Gly
20 25 30

Asp Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 4115
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4115

agagataatt ccaagaacac gctgcatctg caaatgaaca gcctgagagc cgacgacacg 60

gccgtatatt actgtgcgaa aactagacac tacggtgact actggtactt cgatctctgg 120

ggccgtggc 129

<210> 4116
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4116

Arg Asp Asn Ser Lys Asn Thr Leu His Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Asp Asp Thr Ala Val Tyr Tyr Cys Ala Lys Thr Arg His Tyr Gly
20 25 30

Asp Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 4117
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4117

Cys Ala Lys Asp Arg Arg Phe Gly Glu Phe Asp Pro Trp
1 5 10

<210> 4118
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4118
accatctcca tatataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gatcggaggt tcggggagtt cgacccctgg 120

ggccaggga 129

<210> 4119
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4119

Thr Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg
20 25 30

Arg Phe Gly Glu Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4120
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4120
accatctcca tacataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gatcggaggt tcggggagtt cgacccctgg 120

ggccaggga 129

<210> 4121
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4121

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg
            20   25   30

Arg Phe Gly Glu Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 4122
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4122
accatctcca gagataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc   60

gaggacacgg ccgtatatta ctgtgcgaaa gatcggaggt tcggggagtt cgacccctgg   120

ggccaggga   129

<210> 4123
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4123

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg

20 25 30

Arg Phe Gly Glu Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4124
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4124
aacatctcca tagataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gatcggaggt tcggggagtt cgacccctgg 120

ggccaggga 129

<210> 4125
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4125

Asn Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg
20 25 30

Arg Phe Gly Glu Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4126
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4126

Cys Ala Lys Gly Arg Ser Ser Ser Trp Tyr Asp Tyr Trp
1   5   10

<210> 4127
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4127
accatctcca tatacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc   60

gaggacacgg ccgtatatta ctgtgcgaaa gggcgtagca gcagctggta cgactactgg   120

ggccaggga   129

<210> 4128
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4128

Thr Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Arg
            20   25   30

Ser Ser Ser Trp Tyr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4129
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4129
accatctcca tacacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gggcgtagca gcagctggta cgactactgg 120

ggccaggga 129

<210> 4130
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4130

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Arg
20 25 30

Ser Ser Ser Trp Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 4131
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4131
accatctcca gagacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gggcgtagca gcagctggta cgactactgg 120

ggccaggga 129

<210> 4132
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4132

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Arg
            20   25   30

Ser Ser Ser Trp Tyr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4133
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4133
accatctcca gacacaattc caacaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gggcgtagca gcagctggta cgactactgg 120

ggccaggga 129

<210> 4134
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4134

Thr Ile Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn

1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Arg
20 25 30

Ser Ser Ser Trp Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 4135
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4135

Cys Gly His Ser Ser Ser Trp Tyr Cys Leu Asp Tyr Trp
1 5 10

<210> 4136
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4136
accatctcca tatataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtggtcat agcagcagct ggtactgcct tgactactgg 120

ggccaggga 129

<210> 4137
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4137

```
Thr Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1               5                   10                  15


Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly His Ser Ser
            20                  25                  30


Ser Trp Tyr Cys Leu Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  4138
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4138
accatctcca gagataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc       60

gaggacacgg ccgtatatta ctgtggtcat agcagcagct ggtactgcct tgactactgg      120

ggccaggga                                                              129


<210>  4139
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4139

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1               5                   10                  15


Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly His Ser Ser
            20                  25                  30


Ser Trp Tyr Cys Leu Asp Tyr Trp Gly Gln Gly
        35                  40
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<210> 4140
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4140
accatctcca gacataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtggtcat agcagcagct ggtactgcct tgactactgg 120

ggccaggga 129

<210> 4141
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4141

Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly His Ser Ser
20 25 30

Ser Trp Tyr Cys Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 4142
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4142

Cys Ala Lys Asp Leu Ser Val Asn Asp Tyr Gly Glu Pro Phe Asp Ser

1 5 10 15

Trp

<210> 4143
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4143
ggcaacgcca agaactccct ctttctgcaa atgaacagtc tgagagctga ggacacggcc 60

ttatattact gtgcaaaaga cttgagtgtg aatgactatg gtgaaccttt tgactcctgg 120

ggccaggga 129

<210> 4144
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4144

Gly Asn Ala Lys Asn Ser Leu Phe Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Leu Ser Val Asn Asp
20 25 30

Tyr Gly Glu Pro Phe Asp Ser Trp Gly Gln Gly
35 40

<210> 4145
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4145
gacaacgcca agaactccct ctttctgcaa atgaacagtc tgagagctga ggacacggcc 60

ttatattact gtgcaaaaga cttgagtgtg aatgactatg gtgagccttt tgactcctgg 120

ggccaggga 129

<210> 4146
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4146

Asp Asn Ala Lys Asn Ser Leu Phe Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Leu Ser Val Asn Asp
            20   25   30

Tyr Gly Glu Pro Phe Asp Ser Trp Gly Gln Gly
        35   40

<210> 4147
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4147
gacaacgcca agaactccct ctttctgcaa atgaacagtc tgagagctga ggacacggcc 60

ttatattact gtgcaaaaga cttgagtgtg aatgactatg gtgaaccttt tgactcctgg 120

ggccaggga 129

<210> 4148

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4148

Cys Ala Lys Asp Met Gly Ser Pro Ile Ala Ala Ala Gly Asn Asp Tyr
1 5 10 15

Trp

<210> 4149
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4149
tataattcca agaacacgct ttatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga tatgggcagc cccatagcag cagctgggaa tgactactgg 120

ggccaggga 129

<210> 4150
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4150

Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Met Gly Ser Pro Ile
20 25 30

Ala Ala Ala Gly Asn Asp Tyr Trp Gly Gln Gly
35 40

<210> 4151
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4151
tataattcca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga tatgggcagc cccatagcag cagctgggaa tgactactgg 120

ggccaggga 129

<210> 4152
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4152

Tyr Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Met Gly Ser Pro Ile
20 25 30

Ala Ala Ala Gly Asn Asp Tyr Trp Gly Gln Gly
35 40

<210> 4153
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4153
gataattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga tatgggcagc cccatagcag cagctgggaa tgactactgg 120

ggccaggga 129

<210> 4154
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4154

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Met Gly Ser Pro Ile
20 25 30

Ala Ala Ala Gly Asn Asp Tyr Trp Gly Gln Gly
35 40

<210> 4155
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4155

Cys Ala Lys Gly Ser Gly Ser Tyr Tyr Thr Leu Tyr Asp Tyr Trp
1 5 10 15

<210> 4156
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4156
tccagagata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaaggttcg gggagttatt ataccttta tgattattgg 120

ggccaggga 129

<210> 4157
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4157

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Ser Gly Ser
            20   25   30

Tyr Tyr Thr Leu Tyr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4158
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4158
tccagacata attccaacaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaaggttcg gggagttatt ataccttta tgattattgg 120

ggccaggga 129

<210> 4159

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4159

Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Ser Gly Ser
20 25 30

Tyr Tyr Thr Leu Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 4160
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4160
tccacagata attccaacaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaaggttcg gggagttatt ataccccttta tgattattgg 120

ggccaggga 129

<210> 4161
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4161

Ser Thr Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Ser Gly Ser
            20   25   30

Tyr Tyr Thr Leu Tyr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4162
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4162

Cys Ala Arg Gly Leu Ser Ser Ser Trp Tyr Lys Asp Trp
1   5   10

<210> 4163
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4163
accatgacca ggaacacctc cataagcaca gcgtacatgg agctgagcag tctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga ggcctgagca gcagctggta taaggactgg 120

ggccaggga 129

<210> 4164
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4164

Thr Met Thr Arg Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser

1 5 10 15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Leu
20 25 30

Ser Ser Ser Trp Tyr Lys Asp Trp Gly Gln Gly
35 40

<210> 4165
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4165
accatgacca gcaacacctc cataagcaca gcgtacatgg agctgagcag tctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga ggcctgagca gcagctggta taaggactgg 120

ggccaggga 129

<210> 4166
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4166

Thr Met Thr Ser Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser
1 5 10 15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Leu
20 25 30

Ser Ser Ser Trp Tyr Lys Asp Trp Gly Gln Gly
35 40

<210> 4167

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4167
accatgacca gcaacacctc cataagcaca gcgtacatgg agctgagcag tctgagagct 60

gaggacacgg ccgtgtatta ctgtgcgaga ggcctgagca gcagctggta taaggactgg 120

ggccaggga 129

<210> 4168
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4168

Thr Met Thr Ser Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Leu
20 25 30

Ser Ser Ser Trp Tyr Lys Asp Trp Gly Gln Gly
35 40

<210> 4169
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4169

Cys Trp Gly Arg Ile Ala Val Ala Gly Val Asp Pro Trp
1 5 10

<210> 4170
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4170
accatctcca tagatcattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgttgggga cgtatagcag tggctggagt cgacccctgg 120

ggccaggga 129

<210> 4171
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4171

Thr Ile Ser Ile Asp His Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

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

Ala Val Ala Gly Val Asp Pro Trp Gly Gln Gly
35 40

<210> 4172
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4172
accatctcca gagattattc aaagaacacg gcgtatctgc aaatgaacag ccttaaaacc 60

gaggacacgg ccgtgtatta ctgttgggga cgtatagcag tggctggagt cgacccctgg 120

ggccaggga 129

<210> 4173
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4173

Thr Ile Ser Arg Asp Tyr Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

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

Ala Val Ala Gly Val Asp Pro Trp Gly Gln Gly
35 40

<210> 4174
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4174
accatctcca gagatgattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgttgggga cgtatagcag tggctggagt cgacccctgg 120

ggccaggga 129

<210> 4175
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4175

Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

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

Ala Val Ala Gly Val Asp Pro Trp Gly Gln Gly
35 40

<210> 4176
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4176

Cys Ala Lys Asp Phe Ile Ser Ser Ser Trp Tyr Thr Tyr Tyr Tyr Tyr
1 5 10 15

Tyr Gly Met Asp Val Trp
20

<210> 4177
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4177
tcgatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagatttta taagcagcag ctggtacacc tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4178

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4178

Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Asp Phe Ile Ser Ser Ser Trp Tyr Thr Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4179
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4179
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagatttta taagcagcag ctggtacacc tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4180
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4180

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Asp Phe Ile Ser Ser Ser Trp Tyr Thr Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4181
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4181
acgatgtatc tgcaaatcaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagatttta taagcagcag ctggtacacc tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4182
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4182

Thr Met Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Lys Asp Phe Ile Ser Ser Ser Trp Tyr Thr Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4183
<211> 13
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4183

Cys Ala Lys Gly Ala Ala Ala Gly Pro Phe Asp Tyr Trp
1 5 10

<210> 4184
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4184
tacatctcca gagacaacgc caagaactcc ctgtatctgc aaatgaacag tctgagagct 60

gaggacacgg ccttgtatta ctgtgcaaaa ggggcagcag ctggcccttt tgactactgg 120

ggccaggga 129

<210> 4185
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4185

Tyr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Gly Ala
20 25 30

Ala Ala Gly Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4186

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4186
accatctcca gagacaacgc caagaactcc ctgtatctgc aaatgaacag tctgagagct 60

gaggacacgg ccttgtatta ctgtgcaaaa ggggcagcag ctggcccttt tgactactgg 120

ggccaggga 129

<210> 4187
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4187

Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Gly Ala
20 25 30

Ala Ala Gly Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4188
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4188
accatcccca gagacaacgc caagaactcc ctgtatctgc aaatgaacag tctgagagct 60

gaggacacgg ccttgtatta ctgtgcaaaa ggggcagcag ctggcccttt tgactactgg 120

ggccaggga 129

<210> 4189
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4189

Thr Ile Pro Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Gly Ala
20 25 30

Ala Ala Gly Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4190
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4190

Cys Ala Lys Leu Asp His Pro Leu Ser Met Asp Val Trp
1 5 10

<210> 4191
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4191
accatctcca tatataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa ttagatcacc ctttaagtat ggacgtctgg 120

ggccaaggg 129

<210> 4192
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4192

Thr Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Leu Asp
20 25 30

His Pro Leu Ser Met Asp Val Trp Gly Gln Gly
35 40

<210> 4193
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4193
accatctcca tacataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa ttagatcacc ctttaagtat ggacgtctgg 120

ggccaaggg 129

<210> 4194
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4194

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Leu Asp
20 25 30

His Pro Leu Ser Met Asp Val Trp Gly Gln Gly
35 40

<210> 4195
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4195
accatctcca gagataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa ttagatcacc ctttaagtat ggacgtctgg 120

ggccaaggg 129

<210> 4196
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4196

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Leu Asp
20 25 30

His Pro Leu Ser Met Asp Val Trp Gly Gln Gly

35 40

<210> 4197
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4197

Cys Val Lys Ala Asp Thr Gly Gly Tyr Tyr Tyr Ala Tyr Trp
1 5 10

<210> 4198
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4198
atctccatac acaattccaa gaacacactg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgtgaaagcc gatactggtg gttattacta tgcctactgg 120

ggccaggga 129

<210> 4199
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4199

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Val Lys Ala Asp Thr
20 25 30

Gly Gly Tyr Tyr Tyr Ala Tyr Trp Gly Gln Gly
35 40

<210> 4200
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4200
atctccagag acaattccaa gaacacactg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgtgaaagcc gatactggtg gttattacta tgcctactgg 120

ggccaggga 129

<210> 4201
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4201

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Val Lys Ala Asp Thr
20 25 30

Gly Gly Tyr Tyr Tyr Ala Tyr Trp Gly Gln Gly
35 40

<210> 4202
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4202
atctccagac acaattccaa caacacactg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgtgaaagcc gatactggtg gttattacta tgcctactgg 120

ggccaggga 129

<210> 4203
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4203

Ile Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Val Lys Ala Asp Thr
20 25 30

Gly Gly Tyr Tyr Tyr Ala Tyr Trp Gly Gln Gly
35 40

<210> 4204
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4204

Cys Ala Arg Gly Arg Gly His Trp Gly Asn Trp Tyr Phe Asp Leu Trp
1 5 10 15

<210> 4205
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4205
gtagacacgt ccaacaacca gttctccctg aagctgagct ctgtgaccgc cgcggacacg 60

actgtatttt actgtgcgag aggtcggggc cactggggga actggtactt cgatctctgg 120

ggccgtggc 129

<210> 4206
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4206

Val Asp Thr Ser Asn Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr
1   5   10   15

Ala Ala Asp Thr Thr Val Phe Tyr Cys Ala Arg Gly Arg Gly His Trp
            20   25   30

Gly Asn Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 4207
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4207
gtagacacgt ccaagaacca gttctccctg aagctgagct ctgtgaccgc cgcggacacg 60

actgtatttt actgtgcgag aggtcggggc cactggggga actggtactt cgatctctgg 120

ggccgtggc 129

<210> 4208

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4208

Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr
1 5 10 15

Ala Ala Asp Thr Thr Val Phe Tyr Cys Ala Arg Gly Arg Gly His Trp
20 25 30

Gly Asn Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 4209
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4209
gtagacacgc ccaagaacca gttctccctg aagctgagct ctgtgaccgc cgcggacacg 60

actgtatttt actgtgcgag aggtcggggc cactggggga actggtactt cgatctctgg 120

ggccgtggc 129

<210> 4210
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4210

Val Asp Thr Pro Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr
1 5 10 15

Ala Ala Asp Thr Thr Val Phe Tyr Cys Ala Arg Gly Arg Gly His Trp
            20   25   30

Gly Asn Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 4211
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4211

Cys Ala Arg Val Thr Leu Phe Val Ala Asp Leu Tyr Tyr Phe His Tyr
1   5   10   15

Trp

<210> 4212
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4212
gacaaattca cgaccacagc ctacatggag ctgagcagcc tgagatctga ggacacggcc 60

gtgtattact gtgcgagagt gactttgttc gtcgctgacc tgtactactt tcactactgg 120

ggccaggga 129

<210> 4213
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4213

Asp Lys Phe Thr Thr Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Thr Leu Phe Val Ala
20 25 30

Asp Leu Tyr Tyr Phe His Tyr Trp Gly Gln Gly
35 40

<210> 4214
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4214
gacaaataca cgaccacagc ctacatggag ctgagcagcc tgagatctga ggacacggcc 60

gtgtattact gtgcgagagt gactttgttc gtcgctgacc tgtactactt tcactactgg 120

ggccaggga 129

<210> 4215
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4215

Asp Lys Tyr Thr Thr Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Thr Leu Phe Val Ala
20 25 30

Asp Leu Tyr Tyr Phe His Tyr Trp Gly Gln Gly

35 40

<210> 4216
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4216
gaaaaattca cgaccacagc ctacatggag ctgagcagcc tgagatctga ggacacggcc 60

gtgtattact gtgcgagagt gactttgttc gtcgctgacc tgtactactt tcactactgg 120

ggccaggga 129

<210> 4217
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4217

Glu Lys Phe Thr Thr Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Thr Leu Phe Val Ala
20 25 30

Asp Leu Tyr Tyr Phe His Tyr Trp Gly Gln Gly
35 40

<210> 4218
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4218

Cys Ala Arg Gly Arg Gly Asp Gly Asp Gly Gly Gly Met Asp Val Trp
1 5 10 15

<210> 4219
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4219
gtagacacgt ctaagaacct gttctccctg aagctgagct ctgtgactgc cgcggacacg 60

gccgtgtatt actgtgcgag aggaagaggc gacggtgacg gcggcggtat ggacgtctgg 120

ggccaaggg 129

<210> 4220
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4220

Val Asp Thr Ser Lys Asn Leu Phe Ser Leu Lys Leu Ser Ser Val Thr
1 5 10 15

Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg Gly Asp Gly
            20 25 30

Asp Gly Gly Gly Met Asp Val Trp Gly Gln Gly
        35 40

<210> 4221
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4221
gtagacacgt ctaacaacca gttctccctg aagctgagct ctgtgactgc cgcggacacg 60

gccgtgtatt actgtgcgag aggaagaggc gacggtgacg gcggcggtat ggacgtctgg 120

ggccaaggg 129

<210> 4222
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4222

Val Asp Thr Ser Asn Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr
1 5 10 15

Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg Gly Asp Gly
20 25 30

Asp Gly Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4223
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4223
gtagacacgt ctaagaacca gttctccctg aagctgagct ctgtgactgc cgcggacacg 60

gccgtgtatt actgtgcgag aggaagaggc gacggtgacg gcggcggtat ggacgtctgg 120

ggccaaggg 129

<210> 4224
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4224

Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr
1 5 10 15

Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg Gly Asp Gly
20 25 30

Asp Gly Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4225
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4225

Cys Ala Arg Ser Pro Ser Pro Asp Tyr Phe Asp His Trp
1 5 10

<210> 4226
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4226
tccatatcaa taaacacgtc caggaatcac ttctccctga agctgagctc tgtgaccgct 60

gcggacacgg ccgtgtacta ctgtgcgaga tcccccagtc cagactactt tgaccactgg 120

ggccaggga 129

<210> 4227

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4227

Ser Ile Ser Ile Asn Thr Ser Arg Asn His Phe Ser Leu Lys Leu Ser
1 5 10 15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ser Pro
20 25 30

Ser Pro Asp Tyr Phe Asp His Trp Gly Gln Gly
35 40

<210> 4228
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4228
tcaatatcaa taaccacgtc caggaatcac ttctccctga agctgagctc tgtgaccgct 60

gcggacacgg ccgtgtacta ctgtgcgaga tcccccagtc cagactactt tgaccactgg 120

ggccaggga 129

<210> 4229
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4229

Ser Ile Ser Ile Thr Thr Ser Arg Asn His Phe Ser Leu Lys Leu Ser
1 5 10 15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ser Pro
            20   25   30

Ser Pro Asp Tyr Phe Asp His Trp Gly Gln Gly
        35   40

<210> 4230
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4230
tcaatatcaa aaaacacgtc caggaatcac ttctccctga agctgagctc tgtgaccgct 60

gcggacacgg ccgtgtacta ctgtgcgaga tcccccagtc cagactactt tgaccactgg 120

ggccaggga 129

<210> 4231
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4231

Ser Ile Ser Lys Asn Thr Ser Arg Asn His Phe Ser Leu Lys Leu Ser
1   5   10   15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ser Pro
            20   25   30

Ser Pro Asp Tyr Phe Asp His Trp Gly Gln Gly
        35   40

<210> 4232
<211> 11
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4232

Cys Val Arg Asp Asn Trp Gly Leu Asp Cys Trp
1   5   10

<210> 4233
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4233
agattcacca tctcaagata tgattcaaag aactcactgt atctacaaat gaacagcctg   60

aaaaccgaag acacggccgt gtattactgt gttagagaca actgggggct tgactgctgg   120

ggccaggga   129

<210> 4234
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4234

Arg Phe Thr Ile Ser Arg Tyr Asp Ser Lys Asn Ser Leu Tyr Leu Gln
1   5   10   15

Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg
            20   25   30

Asp Asn Trp Gly Leu Asp Cys Trp Gly Gln Gly
        35   40

<210> 4235

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4235
agattcacca tctcaagaga tgattcaaag aactcactgt atctacaaat gaacagcctt 60

aaaaccgaag acacggccgt gtattactgt gttagagaca actgggggct tgactgctgg 120

ggccaggga 129

<210> 4236
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4236

Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Ser Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg
20 25 30

Asp Asn Trp Gly Leu Asp Cys Trp Gly Gln Gly
35 40

<210> 4237
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4237
agattcacca tctcaagaga tgattcaaag aactcactgt atctacaaat gaacagcctg 60

aaaaccgaag acacggccgt gtattactgt gttagagaca actgggggct tgactgctgg 120

ggccaggga 129

<210> 4238
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4238

Cys Ala Arg Pro Gly Ser Ser Gly Trp Gln Gly Tyr Phe Asp Tyr Trp
1 5 10 15

<210> 4239
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4239
tgggacacgt ccacgagcac tgtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag accgggaagt agtggctggc agggctactt tgactactgg 120

ggccaggga 129

<210> 4240
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4240

Trp Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Pro Gly Ser Ser Gly
20 25 30

Trp Gln Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4241
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4241
tgggacacgc ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag accgggaagt agtggctggc agggctactt tgactactgg 120

ggccaggga 129

<210> 4242
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4242

Trp Asp Thr Pro Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Pro Gly Ser Ser Gly
20 25 30

Trp Gln Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4243
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4243
agggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag accgggaagt agtggctggc agggctactt tgactactgg 120

ggccaggga 129

<210> 4244
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4244

Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Pro Gly Ser Ser Gly
20 25 30

Trp Gln Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4245
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4245

Cys Ala Lys Asp Pro Ser Ser Ser Trp Ser Phe Gly Ile Asp Tyr Trp
1 5 10 15

<210> 4246
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4246
agagacaatt ccaagaacac gctgtatctg caaatgagca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agatccgagc agcagctggt ccttcgggat tgactactgg 120

ggccaggga 129

<210> 4247
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4247

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Ser Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro Ser Ser Ser
            20   25   30

Trp Ser Phe Gly Ile Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4248
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4248
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agatccgagc agcagctggt ctttcgggat tgactactgg 120

ggccaggga 129

<210> 4249

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4249

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro Ser Ser Ser
20 25 30

Trp Ser Phe Gly Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 4250
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4250
agagacaatt ccaacaacac gctgtatctg caaatgaacc gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agatccgagc agcagctggt ctttcgggat tgactactgg 120

ggccaggga 129

<210> 4251
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4251

Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Arg Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro Ser Ser Ser
            20   25   30

Trp Ser Phe Gly Ile Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4252
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4252

Cys Ala Lys Gly Gly His Gly Ser Gly Asn Asp Tyr Phe Asp Ser Trp
1   5   10   15

<210> 4253
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4253
agatataatt ccaagaacac gctgtatctg caaatgaacc gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agggggccat ggttcgggga acgactactt tgactcctgg 120

ggccaggga 129

<210> 4254
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4254

Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Arg Leu Arg

1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly His Gly Ser
20 25 30

Gly Asn Asp Tyr Phe Asp Ser Trp Gly Gln Gly
35 40

<210> 4255
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4255
agatataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agggggccat ggttcgggga acgactactt tgactcctgg 120

ggccaggga 129

<210> 4256
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4256

Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly His Gly Ser
20 25 30

Gly Asn Asp Tyr Phe Asp Ser Trp Gly Gln Gly
35 40

<210> 4257

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4257
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agggggccat ggttcgggga acgactactt tgactcctgg 120

ggccaggga 129

<210> 4258
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4258

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly His Gly Ser
20 25 30

Gly Asn Asp Tyr Phe Asp Ser Trp Gly Gln Gly
35 40

<210> 4259
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4259

Cys Ala Arg Thr Arg Met Ser Gly Phe Val Leu Phe Asp Tyr Trp
1 5 10 15

<210> 4260
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4260
ctccaaggac acctccaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacgt attactgtgc acggacccgg atgtccgggt tcgtcctctt tgactactgg 120

ggccaggga 129

<210> 4261
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4261

Leu Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Thr Arg Met Ser
            20 25 30

Gly Phe Val Leu Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 4262
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4262
tccaaggaca cctccaaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacgt attactgtgc acggacccgg atgtccgggt tcgtcctctt tgactactgg 120

ggccaggga 129

<210> 4263
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4263

Ser Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Thr Arg Met Ser
20 25 30

Gly Phe Val Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4264
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4264
tacaaggaca cctccaaaat ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacgt attactgtgc acggacccgg atgtccgggt tcgtcctctt tgactactgg 120

ggccaggga 129

<210> 4265
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4265

Tyr Lys Asp Thr Ser Lys Ile Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Thr Arg Met Ser
20 25 30

Gly Phe Val Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4266
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4266

Cys Ala Arg Ala Lys Arg Ala Thr Tyr Gly Gly Asn Gly Arg Tyr Ala
1 5 10 15

Phe Asp Ile Trp
20

<210> 4267
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4267
gcgagcaccg cctacatggc gctgagcagc ctgagatctg aagacacggc tgtgtattac 60

tgtgcgagag ccaaacgcgc cacttacggt ggtaacggcc gctatgcttt tgatatctgg 120

ggccaaggg 129

<210> 4268

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4268

Ala Ser Thr Ala Tyr Met Ala Leu Ser Ser Leu Arg Ser Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Ala Lys Arg Ala Thr Tyr Gly Gly Asn
20 25 30

Gly Arg Tyr Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 4269
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4269
gcgagcacag cctacatgga gctgagcagc ctgagatctg aagacacggc tgtgtattac 60

tgtgcgagag ccaaacgcgc cacttacggt ggtaacggcc gctatgcttt tgatatctgg 120

ggccaaggg 129

<210> 4270
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4270

Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Ala Lys Arg Ala Thr Tyr Gly Gly Asn
            20   25   30

Gly Arg Tyr Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 4271
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4271
gcctgcacag cctacatgga gctgagcagc ctgagatctg aagacacggc tgtgtattac 60

tgtgcgagag ccaaacgcgc cacttacggt ggtaacggcc gctatgcttt tgatatctgg 120

ggccaaggg 129

<210> 4272
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4272

Ala Cys Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg Ala Lys Arg Ala Thr Tyr Gly Gly Asn
            20   25   30

Gly Arg Tyr Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 4273
<211> 13
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4273

Cys Ala Lys Asp Arg Tyr Ser Gly Thr Tyr Asp Tyr Trp
1   5   10

<210> 4274
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4274
accatctcca tacacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc   60

gaggacacgg ccgtatatta ctgtgcgaag gaccggtata gtgggaccta tgactactgg   120

ggccaggga   129

<210> 4275
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4275

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg
            20   25   30

Tyr Ser Gly Thr Tyr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4276

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4276
accatctcca gagacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaag gaccggtata gtgggaccta tgactactgg 120

ggccaggga 129

<210> 4277
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4277

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg
20 25 30

Tyr Ser Gly Thr Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 4278
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4278
accatctcca gacacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaag gaccggtata gtgggaccta tgactactgg 120

ggccaggga 129

<210> 4279
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4279

Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg
20 25 30

Tyr Ser Gly Thr Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 4280
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4280

Cys Ala Arg Asp Pro Ser Thr Asp Thr Ile Phe Gly Pro His Gly Lys
1 5 10 15

Gly Trp Phe Asp Pro Trp
20

<210> 4281
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4281
acagcctact tggagctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg 60

agagatccat cgaccgatac gatttttgga ccccacggga agggctggtt cgacccctgg 120

ggccaggga 129

<210> 4282
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4282

Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Asp Pro Ser Thr Asp Thr Ile Phe Gly Pro His
20 25 30

Gly Lys Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4283
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4283
acagcctaca tggagctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg 60

agagatccat cgaccgatac gatttttgga ccccacggga agggctggtt cgacccctgg 120

ggccaggga 129

<210> 4284
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4284

Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Asp Pro Ser Thr Asp Thr Ile Phe Gly Pro His
            20   25   30

Gly Lys Gly Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 4285
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4285
aaagcctaca tggcgctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg   60

agagatccat cgaccgatac gatttttgga ccccacggga agggctggtt cgacccctgg   120

ggccaggga   129

<210> 4286
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4286

Lys Ala Tyr Met Ala Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Asp Pro Ser Thr Asp Thr Ile Phe Gly Pro His

20 25 30

Gly Lys Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4287
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4287

Cys Ala Ser Gly Glu Gly Gly Pro Pro Asp Tyr Trp
1 5 10

<210> 4288
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4288
gtcacgatta ccgcggacaa atccacgagc acagcctaca tggagctgag cagcctgaga 60

tctgaggaca cggccgtgta ttactgtgcg agtggtgaag gggggcctcc tgactactgg 120

ggccaggga 129

<210> 4289
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4289

Val Thr Ile Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu
1 5 10 15

Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Gly
            20   25   30

Glu Gly Gly Pro Pro Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4290
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4290
gtcacgatta ccgcgcacaa atccacgagc acagcctaca tggagctgag cagcctgaga 60

tctgaggaca cggccgtgta ttactgtgcg agtggtgaag gggggcctcc tgactactgg 120

ggccaggga 129

<210> 4291
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4291

Val Thr Ile Thr Ala His Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu
1   5   10   15

Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Gly
            20   25   30

Glu Gly Gly Pro Pro Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4292
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4292
gtcacgatta ccgcgcacaa aaccacgagc acagcctaca tggagctgag cagcctgaga 60

tctgaggaca cggccgtgta ttactgtgcg agtggtgaag gggggcctcc tgactactgg 120

ggccaggga 129

<210> 4293
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4293

Val Thr Ile Thr Ala His Lys Thr Thr Ser Thr Ala Tyr Met Glu Leu
1 5 10 15

Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Gly
20 25 30

Glu Gly Gly Pro Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 4294
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4294

Cys Ala Arg Glu Asn Ala Pro Phe Asp Tyr Trp
1 5 10

<210> 4295

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4295
cggttcacca tctccagata taattccaag aacacgctgt atctgcaaat gaacagcctg 60

agagccgagg acacggccgt atattactgt gcgagagaaa atgccccatt tgactactgg 120

ggccaggga 129

<210> 4296
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4296

Arg Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg
20 25 30

Glu Asn Ala Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4297
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4297
cggttcacca tctccagata taattccaag aacacgctgt atctgcaaat caacagcctg 60

agagccgagg acacggccgt atattactgt gcgagagaaa atgccccatt tgactactgg 120

ggccaggga 129

<210> 4298
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4298

Arg Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg
20 25 30

Glu Asn Ala Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4299
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4299
cggttcacca tctccagaga taattccaag aacacgctgt atctgcaaat gaacagcctg 60

agagccgagg acacggccgt atattactgt gcgagagaaa atgccccatt tgactactgg 120

ggccaggga 129

<210> 4300
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4300

Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1   5   10   15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg
            20   25   30

Glu Asn Ala Pro Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4301
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4301

Cys Ala Arg Asp His Gly Ser Gly Ser Tyr Trp Gly Asn Ala Phe Asp
1   5   10   15

Ile Trp

<210> 4302
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4302
acgtccacgt gcacagtcta cttggagctg agcagcctga gatctgagga cacggccgtg 60

tattactgtg cgagagacca tggttcgggg agttattggg gcaatgcttt tgatatctgg 120

ggccaaggg 129

<210> 4303
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4303

Thr Ser Thr Cys Thr Val Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp His Gly Ser Gly Ser Tyr
            20   25   30

Trp Gly Asn Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 4304
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4304
acgtccacgt gcacagtcta catggagctg agcagcctga gatctgagga cacggccgtg   60

tattactgtg cgagagacca tggttcgggg agttattggg gcaatgcttt tgatatctgg   120

ggccaaggg   129

<210> 4305
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4305

Thr Ser Thr Cys Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp His Gly Ser Gly Ser Tyr

```
            20                  25                  30

Trp Gly Asn Ala Phe Asp Ile Trp Gly Gln Gly
        35                  40


<210>  4306
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4306
acgtccacga gcacagtcta catggagctg agcagcctga gatctgagga cacggccgtg       60

tattactgtg cgagagacca tggttcgggg agttattggg gcaatgcttt tgatatctgg      120

ggccaaggg                                                              129


<210>  4307
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4307

Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu
1               5                   10                  15


Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp His Gly Ser Gly Ser Tyr
            20                  25                  30


Trp Gly Asn Ala Phe Asp Ile Trp Gly Gln Gly
        35                  40


<210>  4308
<211>  18
<212>  PRT
<213>  Artificial Sequence
```

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4308

Cys Ala His Arg Asn Thr Trp Ile Gln Leu Trp Gly Gly Trp Phe Asp
1   5   10   15

Pro Trp

<210> 4309
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4309
tcctccaaaa acctggtggt ccttacaatg accaacatgg accctgtgga cacagccaca   60

tattactgtg cacacagaaa tacgtggata cagctatggg gggggtggtt cgacccctgg   120

ggccaggga   129

<210> 4310
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4310

Ser Ser Lys Asn Leu Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1   5   10   15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Asn Thr Trp Ile Gln Leu
            20   25   30

Trp Gly Gly Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 4311
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4311
acctccaaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacacagaaa tacgtggata cagctatggg gggggtggtt cgacccctgg 120

ggccaggga 129

<210> 4312
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4312

Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Asn Thr Trp Ile Gln Leu
20 25 30

Trp Gly Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4313
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4313
cacctccaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacacagaaa tacgtggata cagctatggg gggggtggtt cgacccctgg 120

ggccaggga 129

<210> 4314
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4314

His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Asn Thr Trp Ile Gln Leu
20 25 30

Trp Gly Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4315
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4315

Cys Ala His Ile Arg Pro Gly Ile Trp Gly Met Asp Val Trp
1 5 10

<210> 4316
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4316

catcaccaag gacacctcca aaaccaggtg gtccttacaa tgaccaacat ggaccctgtg 60

gacacagcca catattactg tgcacacata cgtccgggta tctggggtat ggacgtctgg 120

ggccaaggg 129

<210> 4317
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4317

His His Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn
1 5 10 15

Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ile Arg Pro
20 25 30

Gly Ile Trp Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4318
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4318
catcaccaag gacacctcca aaaaccaggt ggtcctacaa tgaccaacat ggaccctgtg 60

gacacagcca catattactg tgcacacata cgtccgggta tctggggtat ggacgtctgg 120

ggccaaggg 129

<210> 4319
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4319

His His Gln Gly His Leu Gln Lys Pro Gly Gly Pro Thr Met Thr Asn
1   5   10   15

Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ile Arg Pro
            20   25   30

Gly Ile Trp Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4320
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4320
atcaccaagg acacctccaa aaaccaggtg gtccttacaa tgaccaacat ggaccctgtg   60

gacacagcca catattactg tgcacacata cgtccgggta tctggggtat ggacgtctgg   120

ggccaaggg   129

<210> 4321
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4321

Ile Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn
1   5   10   15

Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ile Arg Pro
            20   25   30

Gly Ile Trp Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4322
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4322

Cys Ala Arg Gly Ser Gly Ser Tyr Ser Phe Phe Asp Tyr Trp
1   5   10

<210> 4323
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4323
ttttcagtag acacgtctaa gaaccagttc tccctgaagc tgagctctgt gactgccgcg   60

gacacggccg tgtattactg tgcgagaggg agtgggagct actccttctt tgactactgg   120

ggccaggga   129

<210> 4324
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4324

Phe Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
1   5   10   15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Ser Gly

```
            20                  25                  30

Ser Tyr Ser Phe Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  4325
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4325
atatcagtag acacgtctaa gaaccagttc tccctgaagc tgagctctgt gactgccgcg       60

gacacggccg tgtattactg tgcgagaggg agtgggagct actccttctt tgactactgg      120

ggccaggga                                                              129


<210>  4326
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4326

Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
1               5                   10                  15


Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Ser Gly
            20                  25                  30


Ser Tyr Ser Phe Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  4327
<211>  129
<212>  DNA
<213>  Artificial Sequence
```

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4327
atatcagcag acacgtctaa gaaccagttc tccctgaagc tgaactctgt gactgccgcg 60

gacacggccg tgtattactg tgcgagaggg agtgggagct actccttctt tgactactgg 120

ggccaggga 129

<210> 4328
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4328

Ile Ser Ala Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Asn Ser
1   5   10   15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Ser Gly
            20   25   30

Ser Tyr Ser Phe Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4329
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4329

Cys Ala Arg Val Lys Tyr Gly Phe Gly Leu Tyr Gly Met Asp Val Trp
1   5   10   15

<210> 4330
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4330
tgggacaacg ccaagaactc actgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtgtatt actgtgcgag agtcaagtac ggttttggcc tctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4331
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4331

Trp Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Lys Tyr Gly Phe
20 25 30

Gly Leu Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4332
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4332
tgggacaacg ccaacaactc actgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtgtatt actgtgcgag agtcaagtac ggttttggcc tctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4333
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4333

Trp Asp Asn Ala Asn Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Lys Tyr Gly Phe
            20   25   30

Gly Leu Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4334
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4334
agggacaacg ccaagaactc actgtatctg caaatgaaca gcctgagagc cgaggacacg   60

gccgtgtatt actgtgcgag agtcaagtac ggttttggcc tctacggtat ggacgtctgg   120

ggccaaggg   129

<210> 4335
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4335

Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg

1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Lys Tyr Gly Phe
20 25 30

Gly Leu Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4336
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4336

Cys Ala Arg Gly Glu Pro Arg Ser Gly Ser Tyr Tyr Trp Phe Asp Tyr
1 5 10 15

Trp

<210> 4337
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4337
cacaaatcca agaacacgct gtatcttcaa atgaacagcc tgagagcgga ggacacggcc 60

gtgtattact gtgcgagagg tgagcctcgc agtgggagct actactggtt tgactactgg 120

ggccaggga 129

<210> 4338
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4338

His Lys Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Glu Pro Arg Ser Gly
            20   25   30

Ser Tyr Tyr Trp Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4339
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4339
gacaaatcca agaacacgct gtatcttcaa atgaacagcc tgagagcgga ggacacggcc   60

gtgtattact gtgcgagagg tgagcctcgc agtgggagct actactggtt tgactactgg   120

ggccaggga   129

<210> 4340
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4340

Asp Lys Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Glu Pro Arg Ser Gly
            20   25   30

Ser Tyr Tyr Trp Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4341
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4341
cacaaatcca acaacacgct gtatcttcaa atgaacagcc tgagagcgga ggacacggcc 60

gtgtattact gtgcgagagg tgagcctcgc agtgggagct actactggtt tgactactgg 120

ggccaggga 129

<210> 4342
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4342

His Lys Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Glu Pro Arg Ser Gly
20 25 30

Ser Tyr Tyr Trp Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4343
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4343

Cys Ala Lys Asp Val Asp Ile Val Ala Val Pro Trp
1 5 10

<210> 4344
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4344
ttcgccatct ccagagacaa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgagggca cggccgtata ttactgtgcg aaagacgtgg atatagtggc tgtcccgtgg 120

ggccaggga 129

<210> 4345
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4345

Phe Ala Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Gly Thr Ala Val Tyr Tyr Cys Ala Lys Asp
20 25 30

Val Asp Ile Val Ala Val Pro Trp Gly Gln Gly
35 40

<210> 4346
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4346
ttcaccatct ccagagacaa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaagacgtgg atatagtggc tgtcccgtgg 120

ggccaggga 129

<210> 4347
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4347

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp
            20   25   30

Val Asp Ile Val Ala Val Pro Trp Gly Gln Gly
        35   40

<210> 4348
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4348
ttcaccatct ccagacacaa ttccaacaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaagacgtgg atatagtggc tgtcccgtgg 120

ggccaggga 129

<210> 4349

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4349

Phe Thr Ile Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp
20 25 30

Val Asp Ile Val Ala Val Pro Trp Gly Gln Gly
35 40

<210> 4350
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4350

Cys Ala Lys Glu Ser Gly Ser Tyr Ser Phe Asp Tyr Trp
1 5 10

<210> 4351
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4351
accatctcca gagacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gagggcacgg ccgtatatta ctgtgcgaaa gaaagtggga gctactcatt tgactactgg 120

ggccaggga 129

<210> 4352
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4352

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Gly Thr Ala Val Tyr Tyr Cys Ala Lys Glu Ser
            20   25   30

Gly Ser Tyr Ser Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4353
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4353
accatctcca gagacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc   60

gaggacacgg ccgtatatta ctgtgcgaaa gaaagtggga gctactcatt tgactactgg   120

ggccaggga   129

<210> 4354
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4354

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn

1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Ser
20 25 30

Gly Ser Tyr Ser Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4355
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4355
accatctcca gacacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gaaagtggga gctactcatt tgactactgg 120

ggccaggga 129

<210> 4356
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4356

Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Ser
20 25 30

Gly Ser Tyr Ser Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4357

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4357

Cys Ala Arg Glu Arg Gly Ser Ser Trp Pro Arg Asp Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 4358
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4358
tgcacagcct acttggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagaga ggggcagcag ctggcctcgg gactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4359
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4359

Cys Thr Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Arg Gly Ser Ser Trp Pro Arg Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4360
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4360
tgcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagaga ggggcagcag ctggcctcgg gactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4361
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4361

Cys Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Arg Gly Ser Ser Trp Pro Arg Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4362
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4362
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagaga ggggcagcag ctggcctcgg gactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4363
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4363

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Arg Gly Ser Ser Trp Pro Arg Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4364
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4364

Cys Ala Arg Gly Asn Phe Met Thr Gly Thr Pro Gly Ala Phe Asp Ile
1 5 10 15

Trp

<210> 4365

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4365
gacacgtccg agaaccagtt ctccctgaag ctgacctctg tgaccgccgc ggacacgact 60

gtatattact gtgcgagagg caattttatg actggaaccc caggggcttt tgatatctgg 120

ggccaaggg 129

<210> 4366
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4366

Asp Thr Ser Glu Asn Gln Phe Ser Leu Lys Leu Thr Ser Val Thr Ala
1 5 10 15

Ala Asp Thr Thr Val Tyr Tyr Cys Ala Arg Gly Asn Phe Met Thr Gly
20 25 30

Thr Pro Gly Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 4367
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4367
cacacgtccg agaaccagtt ctccctgaag ctgacctctg tgaccgccgc ggacacgact 60

gtatattact gtgcgagagg caattttatg actggaaccc caggggcttt tgatatctgg 120

ggccaaggg 129

<210> 4368
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4368

His Thr Ser Glu Asn Gln Phe Ser Leu Lys Leu Thr Ser Val Thr Ala
1 5 10 15

Ala Asp Thr Thr Val Tyr Tyr Cys Ala Arg Gly Asn Phe Met Thr Gly
20 25 30

Thr Pro Gly Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 4369
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4369
cacacgtccg acaaccagtt ctccctgaag ctgacctctg tgaccgccgc ggacacgact 60

gtatattact gtgcgagagg caattttatg actggaaccc caggggcttt tgatatctgg 120

ggccaaggg 129

<210> 4370
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4370

His Thr Ser Asp Asn Gln Phe Ser Leu Lys Leu Thr Ser Val Thr Ala
1 5 10 15

Ala Asp Thr Thr Val Tyr Tyr Cys Ala Arg Gly Asn Phe Met Thr Gly
20 25 30

Thr Pro Gly Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 4371
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4371

Cys Thr Arg Gly Gly Val Gly Gly Val Ser Ala Pro Tyr Asp Trp
1 5 10 15

<210> 4372
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4372
gccagagaca attccaagaa cacgctgtat cttcaaatga accgcctgag agccgaggac 60

acgggcgtgt atttatgtac gagaggggt gtaggggggg ttagtgcccc ttacgactgg 120

ggcctggga 129

<210> 4373
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4373

Ala Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Arg Leu
1 5 10 15

Arg Ala Glu Asp Thr Gly Val Tyr Leu Cys Thr Arg Gly Gly Val Gly
20 25 30

Gly Val Ser Ala Pro Tyr Asp Trp Gly Leu Gly
35 40

<210> 4374
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4374
gccagagaca attccaagaa cacgctgtat cttcaaatga acagcctgag agccgaggac 60

acgggcgtgt atttatgtac gagaggggt gtaggggggg ttagtgcccc ttacgactgg 120

ggcctggga 129

<210> 4375
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4375

Ala Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Gly Val Tyr Leu Cys Thr Arg Gly Gly Val Gly
20 25 30

Gly Val Ser Ala Pro Tyr Asp Trp Gly Leu Gly

35 40

<210> 4376
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4376
gccagagaca attccaagaa cacgctgtat cttcaaatga acagcctgag agccgaggac 60

acgggcgtgt atttatgtac gagaggggg gtaggggggg ttagtgcccc ttacgactgg 120

ggcctggga 129

<210> 4377
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4377

Cys Ala Lys Asn His Leu Gly Met Tyr Tyr Phe Asp Tyr Trp
1 5 10

<210> 4378
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4378
atctccatat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaaac catcttggga tgtactactt tgactactgg 120

ggccaggga 129

<210> 4379

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4379

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asn His Leu
20 25 30

Gly Met Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4380
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4380
atctccatag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaaac catcttggga tgtactactt tgactactgg 120

ggccaggga 129

<210> 4381
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4381

Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asn His Leu
            20   25   30

Gly Met Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4382
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4382
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaaac catcttggga tgtactactt tgactactgg 120

ggccaggga 129

<210> 4383
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4383

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asn His Leu
            20   25   30

Gly Met Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4384
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4384

Cys Ala Lys Asp Gln Arg Gly Leu Val Asn Gly Met Asp Val Trp
1   5   10   15

<210> 4385
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4385
ctccagagac aacgccagaa ttccgtgtat ttgcaaatga acagtctgag aattgaggac   60

acggccctat attattgtgc taaggatcag cggggtctgg tgaatggtat ggacgtctgg   120

ggccaaggg   129

<210> 4386
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4386

Leu Gln Arg Gln Arg Gln Asn Ser Val Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

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

Leu Val Asn Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4387

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4387
tccagagaca acgccaagaa ttccgtgtat ttgcaaatga acagtctgat aattgaggac 60

acggccctat attattgtgc taaggatcag cggggtctgg tgaatggtat ggacgtctgg 120

ggccaaggg 129

<210> 4388
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4388

Ser Arg Asp Asn Ala Lys Asn Ser Val Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

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

Leu Val Asn Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4389
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4389
tccagagaca acgccaagaa ttccgtgtat ttgcaaatga acagtctgag aattgaggac 60

acggccctat attattgtgc taaggatcag cggggtctgg tgaatggtat ggacgtctgg 120

ggccaaggg 129

<210> 4390
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4390

Ser Arg Asp Asn Ala Lys Asn Ser Val Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

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

Leu Val Asn Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4391
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4391

Cys Val Arg Gly Ala Ser Gln Tyr Tyr Gly Ser Glu Lys Tyr Leu Tyr
1 5 10 15

Tyr Phe Asp Tyr Trp
20

<210> 4392
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4392
tgcacagcct acttggaggt gagcagcctg agatcagacg acacggccgt gtattactgt 60

gtgagaggcg ccagtcaata ctatggctca gaaaaatatt tgtactactt tgactactgg 120

ggccaggga 129

<210> 4393
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4393

Cys Thr Ala Tyr Leu Glu Val Ser Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Val Arg Gly Ala Ser Gln Tyr Tyr Gly Ser Glu Lys
20 25 30

Tyr Leu Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4394
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4394
tgcacagcct acatggaggt gagcagcctg agatcagacg acacggccgt gtattactgt 60

gtgagaggcg ccagtcaata ctatggctca gaaaaatatt tgtactactt tgactactgg 120

ggccaggga 129

<210> 4395
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4395

Cys Thr Ala Tyr Met Glu Val Ser Ser Leu Arg Ser Asp Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Val Arg Gly Ala Ser Gln Tyr Tyr Gly Ser Glu Lys
            20   25   30

Tyr Leu Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4396
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4396
agcacagcct acatggaggt gagcagcctg agatcagacg acacggccgt gtattactgt   60

gtgagaggcg ccagtcaata ctatggctca gaaaaatatt tgtactactt tgactactgg   120

ggccaggga   129

<210> 4397
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4397

Ser Thr Ala Tyr Met Glu Val Ser Ser Leu Arg Ser Asp Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Val Arg Gly Ala Ser Gln Tyr Tyr Gly Ser Glu Lys

20 25 30

Tyr Leu Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4398
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4398

Cys Ala Arg Asp Leu Gly Tyr Ser Ser Ser Trp Gly Gly Ala Gly Asn
1 5 10 15

Trp Phe Asp Pro Trp
20

<210> 4399
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4399
tgcacagtct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagatc ttgggtatag cagcagctgg ggaggggcgg gaaactggtt cgacccctgg 120

ggccaggga 129

<210> 4400
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4400

Cys Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Asp Leu Gly Tyr Ser Ser Ser Trp Gly Gly
            20   25   30

Ala Gly Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 4401
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4401
agcacagtct acttggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagatc ttgggtatag cagcagctgg ggaggggcgg gaaactggtt cgacccctgg 120

ggccaggga 129

<210> 4402
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4402

Ser Thr Val Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Asp Leu Gly Tyr Ser Ser Ser Trp Gly Gly
            20   25   30

Ala Gly Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 4403
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4403
agcacagtct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagatc ttgggtatag cagcagctgg ggaggggcgg gaaactggtt cgacccctgg 120

ggccaggga 129

<210> 4404
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4404

Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Leu Gly Tyr Ser Ser Ser Trp Gly Gly
20 25 30

Ala Gly Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4405
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4405

Cys Ala Arg Gly Tyr Ala Leu Asp Gly Met Asp Val Trp

1 5 10

<210> 4406
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4406
accatgacca ggaacacctc cataagcaca gcctacatgg agctgagcag cctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga ggttacgcct tggacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4407
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4407

Thr Met Thr Arg Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser
1 5 10 15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Tyr
20 25 30

Ala Leu Asp Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4408
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4408

accatgacca gcaacacctc cataagcaca gcctacatgg agctgagcag cctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga ggttacgcct tggacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4409
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4409

Thr Met Thr Ser Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser
1 5 10 15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Tyr
20 25 30

Ala Leu Asp Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4410
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4410
accatgacca gcaacacctc cataaccaca gcctacatgg agctgagcag cctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga ggttacgcct tggacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4411
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4411

Thr Met Thr Ser Asn Thr Ser Ile Thr Thr Ala Tyr Met Glu Leu Ser
1   5   10   15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Tyr
            20   25   30

Ala Leu Asp Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4412
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4412

Cys Ala Arg Glu Asp Gly Asn Val Leu Asp Tyr Trp
1   5   10

<210> 4413
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4413
ttaaccgtca gtccggacac atccaagaac ctgttctccc tgcagttgca gtctgtggtt   60

cccgacgata cggctgtgta ttactgtgcc agagaagacg gcaatgtcct tgactactgg   120

ggccaggga   129

<210> 4414
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4414

Leu Thr Val Ser Pro Asp Thr Ser Lys Asn Leu Phe Ser Leu Gln Leu
1   5   10   15

Gln Ser Val Val Pro Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu
            20   25   30

Asp Gly Asn Val Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4415
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4415
ataaccgtcc gtccgcacac atccaagaac cagttctccc tgcagttgca gtctgtggtt   60

cccgacgata cggctgtgta ttactgtgcc agagaagacg gcaatgtcct tgactactgg   120

ggccaggga   129

<210> 4416
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4416

Ile Thr Val Arg Pro His Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu
1   5   10   15

Gln Ser Val Val Pro Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu

```
            20                  25                  30

Asp Gly Asn Val Leu Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  4417
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4417
ataaccgtca gtccggacac atccaagaac cagttctccc tgcagttgca gtctgtggtt       60

cccgacgata cggctgtgta ttactgtgcc agagaagacg gcaatgtcct tgactactgg      120

ggccaggga                                                              129


<210>  4418
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4418

Ile Thr Val Ser Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu
1               5                   10                  15


Gln Ser Val Val Pro Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu
            20                  25                  30


Asp Gly Asn Val Leu Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  4419
<211>  19
<212>  PRT
<213>  Artificial Sequence
```

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4419

Cys Ala Lys Thr His Tyr Tyr Asp Ser Ser Gly Ser Trp Val His Phe
1   5   10   15

Asp Tyr Trp

<210> 4420
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4420
tccaataata cgctgtatct gcaaatgaac ggcctgagag ccgaggacac ggccgtatat   60

tactgtgcga aaacccatta ctatgatagt agtggttcct gggtccactt tgactactgg   120

ggccaggga   129

<210> 4421
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4421

Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Gly Leu Arg Ala Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Lys Thr His Tyr Tyr Asp Ser Ser Gly
            20   25   30

Ser Trp Val His Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4422
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4422
tccaagaata cgctgtatct gcaaatgaac agcctgagag ccgaggacac ggccgtatat 60

tactgtgcga aaacccatta ctatgatagt agtggttcct gggtccactt tgactactgg 120

ggccaggga 129

<210> 4423
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4423

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Lys Thr His Tyr Tyr Asp Ser Ser Gly
            20 25 30

Ser Trp Val His Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 4424
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4424
tccaagaata cgctgtatct gcaaatgaac agcctgagag ccgaggacac ggccgtacat 60

tactgtgcga aaacccatta ctatgatagt agtggttcct gggtccactt tgactactgg 120

ggccaggga 129

<210> 4425
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4425

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val His Tyr Cys Ala Lys Thr His Tyr Tyr Asp Ser Ser Gly
20 25 30

Ser Trp Val His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4426
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4426

Cys Ala Arg Ala Ile Ser Thr Arg Gly Tyr Phe Asp Tyr Trp
1 5 10

<210> 4427
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4427

catctccaga gaaatgccaa gaactccttg tatcttcaaa tgaacagcct gagagccggg 60

gacacggctg tgtattactg tgcaagagcc atctccaccc gggggtactt tgactactgg 120

ggccaggga 129

<210> 4428
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4428

His Leu Gln Arg Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Ile Ser
20 25 30

Thr Arg Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4429
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4429
atctccatag aaaatgccaa gaactccttg tatcttcaaa tgaacagcct gagagccggt 60

gacacggctg tgtattactg tgcaagagcc atctccaccc gggggtactt tgactactgg 120

ggccaggga 129

<210> 4430
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4430

Ile Ser Ile Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Ile Ser
            20   25   30

Thr Arg Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4431
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4431
atctccagag aaaatgccaa gaactccttg tatcttcaaa tgaacagcct gagagccggg   60

gacacggctg tgtattactg tgcaagagcc atctccaccc gggggtactt tgactactgg   120

ggccaggga   129

<210> 4432
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4432

Ile Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Ile Ser
            20   25   30

Thr Arg Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4433
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4433

Cys Thr Arg Gln Ser Asp Tyr Tyr Asp Ser Ser Gly Thr Lys Thr Thr
1 5 10 15

Phe Asp Tyr Trp
20

<210> 4434
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4434
aagaacacgg cgtatctgca aatgaacagc ctgaaaaccg aggacacggc cgtgtattac 60

tgtactagac aatccgatta ctatgatagt agtggtacca aaacgacttt tgactactgg 120

ggccaggga 129

<210> 4435
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4435

Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr

1 5 10 15

Ala Val Tyr Tyr Cys Thr Arg Gln Ser Asp Tyr Tyr Asp Ser Ser Gly
20 25 30

Thr Lys Thr Thr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4436
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4436
aacaacacgg cgtatctgca aatgaacagc cttaaaaccg aggacacggc cgtgtattac 60

tgtactagac aatccgatta ctatgatagt agtggtacca aaacgacttt tgactactgg 120

ggccaggga 129

<210> 4437
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4437

Asn Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Thr Arg Gln Ser Asp Tyr Tyr Asp Ser Ser Gly
20 25 30

Thr Lys Thr Thr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4438

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4438
aacaacacgg cgtatctgca aatgaacagc ctgaaacccg aggacacggc cgtgtattac 60

tgtactagac aatccgatta ctatgatagt agtggtacca aaacgacttt tgactactgg 120

ggccaggga 129

<210> 4439
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4439

Asn Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Thr Arg Gln Ser Asp Tyr Tyr Asp Ser Ser Gly
20 25 30

Thr Lys Thr Thr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4440
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4440

Cys Ala Ser Pro Asp Pro Leu Gly Ser Val Ala Asp Leu Asp Tyr Trp
1 5 10 15

<210> 4441
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4441
tgggacacat ccgcgagcac agcctacatg gagctgagca gcctgagatc tgaagacacg 60

gctgtgtatt actgtgcgag tccggacccc ttgggttcag tggctgacct tgactactgg 120

ggccaggga 129

<210> 4442
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4442

Trp Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Pro Asp Pro Leu Gly
20 25 30

Ser Val Ala Asp Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 4443
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4443
agtgacaggt ccgtgagcac agcctacatg gagctgagca gcctgagatc tgaagacacg 60

gctgtgtatt actgtgcgag tccggacccc ttgggttcag tggctgacct tgactactgg 120

ggccaggga 129

<210> 4444
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4444

Ser Asp Arg Ser Val Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Pro Asp Pro Leu Gly
20 25 30

Ser Val Ala Asp Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 4445
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4445
agggacacat ccgcgagcac agcctacatg gagctgagca gcctgagatc tgaagacacg 60

gctgtgtatt actgtgcgag tccggacccc ttgggttcag tggctgacct tgactactgg 120

ggccaggga 129

<210> 4446
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4446

Arg Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Pro Asp Pro Leu Gly
20 25 30

Ser Val Ala Asp Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 4447
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4447

Cys Ala Arg Pro His Ser Pro Gly Gly Ser Tyr Pro Asn Tyr Phe Asp
1 5 10 15

Tyr Trp

<210> 4448
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4448
acgtccatca gtaccgccta cctgcagtgg ggcagcctga aggcctcgga caccgccatc 60

tattactgtg cgagacccca ttcccccggt gggagctacc caaattactt tgactactgg 120

ggccaggga 129

<210> 4449

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4449

Thr Ser Ile Ser Thr Ala Tyr Leu Gln Trp Gly Ser Leu Lys Ala Ser
1 5 10 15

Asp Thr Ala Ile Tyr Tyr Cys Ala Arg Pro His Ser Pro Gly Gly Ser
20 25 30

Tyr Pro Asn Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4450
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4450
acgtccatca gcaccgccta cctgcagtgg ggcagcctga aggcctcgga caccgccatc 60

tattactgtg cgagacccca ttcccccggt gggagctacc caaattactt tgactactgg 120

ggccaggga 129

<210> 4451
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4451
aagtccatca gcaccgccta cctgcagtgg ggcagcctga aggcctcgga caccgccatc 60

tattactgtg cgagacccca ttcccccggt gggagctacc cgaattactt tgactactgg 120

ggccaggga 129

<210> 4452
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4452

Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Gly Ser Leu Lys Ala Ser
1 5 10 15

Asp Thr Ala Ile Tyr Tyr Cys Ala Arg Pro His Ser Pro Gly Gly Ser
20 25 30

Tyr Pro Asn Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4453
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4453

Cys Ala Arg Ala Gly Arg Met Arg Gly Val Arg Pro Gly Gly Met Asp
1 5 10 15

Val Trp

<210> 4454
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4454
tatgccaaga actccttgta tcttcaaatg aacagcctga gagccgggga cacggctgtg 60

tattactgtg caagagcagg gcgtatgcgg ggagttcggc cgggggtat ggacgtctgg 120

ggccaaggg 129

<210> 4455
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4455

Tyr Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Gly
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Gly Arg Met Arg Gly Val
20 25 30

Arg Pro Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4456
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4456
aatgccaaga actccttgta tcttcaaatg aacagcctga gagccgggga cacggctgtg 60

tattactgtg caagagcagg tcgtatgcgg ggagttcggc cgggggtat ggacgtctgg 120

ggccaaggg 129

<210> 4457
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4457

Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Gly
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Gly Arg Met Arg Gly Val
20 25 30

Arg Pro Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4458
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4458
aatgccaaga actccttgta tcttcaaatg aacagcctga gagccgggga cacggctgtg 60

tattactgtg caagagcagg gcgtatgcgg ggagtgcggc cgggggggtat ggacgtctgg 120

ggccaaggg 129

<210> 4459
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4459

Cys Ala Arg Val Gly Ser Gly Trp Tyr Glu Asp Tyr Trp
1 5 10

<210> 4460

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4460
accatctcca tacacaattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gtcggcagtg gctggtacga ggactactgg 120

ggccaggga 129

<210> 4461
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4461

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Gly
20 25 30

Ser Gly Trp Tyr Glu Asp Tyr Trp Gly Gln Gly
35 40

<210> 4462
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4462
accatctcca gagacaattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gtcggcagtg gctggtacga ggactactgg 120

ggccaggga 129

<210> 4463
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4463

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Gly
20 25 30

Ser Gly Trp Tyr Glu Asp Tyr Trp Gly Gln Gly
35 40

<210> 4464
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4464
accatctcca gacacaattc caacaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gtcggcagtg gctggtacga ggactactgg 120

ggccaggga 129

<210> 4465
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4465

Thr Ile Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Gly
            20   25   30

Ser Gly Trp Tyr Glu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4466
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4466

Cys Ala Arg Asp Pro Trp Thr Gly Thr Thr Pro Thr Arg Ala Ile Asp
1   5   10   15

Ile Trp

<210> 4467
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4467
acatccacgt gcacaggcta cttggagctg aggagcctga gatttgacga cacggccgtg 60

tattattgtg cgagagaccc gtggactgga acgacgccaa cgcgtgctat tgatatctgg 120

ggccaaggg 129

<210> 4468
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4468

Thr Ser Thr Cys Thr Gly Tyr Leu Glu Leu Arg Ser Leu Arg Phe Asp
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Pro Trp Thr Gly Thr Thr
            20   25   30

Pro Thr Arg Ala Ile Asp Ile Trp Gly Gln Gly
        35   40

<210> 4469
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4469
acatccacga gcacaggcta cttggagctg aggagcctga gatttgacga cacggccgtg   60

tattattgtg cgagagaccc gtggactgga acgacgccaa cgcgtgctat tgatatctgg   120

ggccaaggg   129

<210> 4470
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4470

Thr Ser Thr Ser Thr Gly Tyr Leu Glu Leu Arg Ser Leu Arg Phe Asp
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Pro Trp Thr Gly Thr Thr

20 25 30

Pro Thr Arg Ala Ile Asp Ile Trp Gly Gln Gly
35 40

<210> 4471
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4471
acatccacga gcacaggcta catggagctg aggagcctga gatttgacga cacggccgtg 60

tattattgtg cgagagaccc gtggactgga acgacgccaa cgcgtgctat tgatatctgg 120

ggccaaggg 129

<210> 4472
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4472

Thr Ser Thr Ser Thr Gly Tyr Met Glu Leu Arg Ser Leu Arg Phe Asp
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Pro Trp Thr Gly Thr Thr
20 25 30

Pro Thr Arg Ala Ile Asp Ile Trp Gly Gln Gly
35 40

<210> 4473
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4473

Cys Ala Arg Ala Asp Gly Thr Gly Tyr Tyr Leu Tyr Phe Asp Tyr Trp
1   5   10   15

<210> 4474
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4474
gtagacaggc ccaagaacca gttctccctg aagctgagct ctgtgaccgc cgcggacacg   60

gccgtgtatt actgtgccag agctgacggg actggttatt acctctactt tgactactgg   120

ggccaggga   129

<210> 4475
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4475

Val Asp Arg Pro Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr
1   5   10   15

Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Asp Gly Thr Gly
            20   25   30

Tyr Tyr Leu Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4476
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4476
gtagacaggt ccaagaacca gttctccctg aagctgagct ctgtgaccgc cgcggacacg 60

gccgtgtatt actgtgccag agctgacggg actggttatt acctctactt tgactactgg 120

ggccaggga 129

<210> 4477
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4477

Val Asp Arg Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr
1 5 10 15

Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Asp Gly Thr Gly
20 25 30

Tyr Tyr Leu Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4478
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4478
gtagacaggc ccaacaacca gttctccctg aagctgagct ctgtgaccgc cgcggacacg 60

gccgtgtatt actgtgccag agctgacggg actggttatt acctctactt tgactactgg 120

ggccaggga 129

<210> 4479
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4479

Val Asp Arg Pro Asn Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr
1   5   10   15

Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Asp Gly Thr Gly
            20   25   30

Tyr Tyr Leu Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4480
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4480

Cys Thr Thr Glu Gly Ser Tyr Phe Leu Phe Asp Pro Trp
1   5   10

<210> 4481
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4481
accatctcaa gagatgattc aaaaaacacg ctgtatctgc aaatgaacag cctgaaaacc   60

gaggacacag ccgtgtatta ctgtaccaca gaggggtcgt atttttgtt cgacccctgg   120

ggccaggga 129

<210> 4482
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4482

Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Glu Gly
20 25 30

Ser Tyr Phe Leu Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4483
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4483
aacatctcaa gagatgattc aaaaaacacg ctgtatctgc aaatgaacag cctgaaaacc 60

gatgacacag ccgtgtatta ctgtaccaca gaggggtcgt atttttgtt cgacccctgg 120

ggccaggga 129

<210> 4484
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4484

Asn Ile Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Asp Asp Thr Ala Val Tyr Tyr Cys Thr Thr Glu Gly
            20 25 30

Ser Tyr Phe Leu Phe Asp Pro Trp Gly Gln Gly
        35 40

<210> 4485
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4485
ccatctcaag agatgattca aaaaaacacg ctgtatctgc aaatgaacag cctgaaaacc 60

gaggacacag ccgtgtatta ctgtaccaca gaggggtcgt atttttgtt cgacccctgg 120

ggccaggga 129

<210> 4486
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4486

Pro Ser Gln Glu Met Ile Gln Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Glu Gly
            20 25 30

Ser Tyr Phe Leu Phe Asp Pro Trp Gly Gln Gly
        35 40

<210> 4487
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4487

Cys Ser His Arg Arg Val Gly Leu Ala Thr Gly Phe Asp Ile Trp
1 5 10 15

<210> 4488
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4488
actaaggact cctccaaaaa cctggtggtc ctcacaatga ccaacatgga ccctgcggac 60

acggccacat attactgttc acacagaaga gttgggctgg cgactggttt tgatatctgg 120

ggccaaggg 129

<210> 4489
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4489

Thr Lys Asp Ser Ser Lys Asn Leu Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Ala Asp Thr Ala Thr Tyr Tyr Cys Ser His Arg Arg Val Gly
20 25 30

Leu Ala Thr Gly Phe Asp Ile Trp Gly Gln Gly

35 40

<210> 4490
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4490
actaaggaca cctccaaaaa ccaggtggtc ctcacaatga ccaacatgga ccctgcggac 60

acggccacat attactgttc acacagaaga gttgggctgg cgactggttt tgatatctgg 120

ggccaaggg 129

<210> 4491
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4491

Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Ala Asp Thr Ala Thr Tyr Tyr Cys Ser His Arg Arg Val Gly
20 25 30

Leu Ala Thr Gly Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 4492
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4492

actaaggaca actccaaaaa cctggtggtc ctcacaatga ccaacatgga ccctgcggac 60

acggccacat attactgttc acacagaaga gttgggctgg cgactggttt tgatatctgg 120

ggccaaggg 129

<210> 4493
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4493

Thr Lys Asp Asn Ser Lys Asn Leu Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Ala Asp Thr Ala Thr Tyr Tyr Cys Ser His Arg Arg Val Gly
20 25 30

Leu Ala Thr Gly Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 4494
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4494

Cys Ala Gly Thr Met Val Gln Gly Val Pro Pro Ala Arg Gln Asn Trp
1 5 10 15

Phe Asp Pro Trp
20

<210> 4495
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4495
tcgagcacag cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgggga ctatggttca gggagtcccc cccgcgcgcc aaaactggtt cgacccctgg 120

ggtcaggga 129

<210> 4496
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4496

Ser Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Gly Thr Met Val Gln Gly Val Pro Pro Ala
20 25 30

Arg Gln Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4497
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4497
acgagcacag cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgggga ctatggttca gggagtcccc cccgcgcgcc aaaactggtt cgacccctgg 120

ggtcaggga 129

<210> 4498
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4498

Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Gly Thr Met Val Gln Gly Val Pro Pro Ala
20 25 30

Arg Gln Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4499
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4499
acgagcacag cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgggga ctatggttca gggagtcccc cccgcgcgcc aaaactggtt cgacccctgg 120

ggccaggga 129

<210> 4500
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4500

Cys Ala Lys Gly Arg Arg Gly Ser Tyr Phe Asp Tyr Trp

1 5 10

<210> 4501
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4501
accatctcca tatataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa ggacgccgtg ggagctactt tgactactgg 120

ggccaggga 129

<210> 4502
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4502

Thr Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Arg
20 25 30

Arg Gly Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4503
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4503

accatctcca tacataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa ggacgccgtg ggagctactt tgactactgg 120

ggccaggga 129

<210> 4504
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4504

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Arg
20 25 30

Arg Gly Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4505
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4505
accatctcca gagataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa ggacgccgtg ggagctactt tgactactgg 120

ggccaggga 129

<210> 4506
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4506

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Arg
            20   25   30

Arg Gly Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4507
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4507

Cys Ala Lys Phe Trp Phe Gly Glu Leu Leu Pro Asp Tyr Trp
1   5   10

<210> 4508
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4508
atctccatat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag   60

gacacggccg tatattactg tgcgaaattc tggttcgggg agttattacc ggactactgg   120

ggccaggga   129

<210> 4509
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4509

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Phe Trp Phe
20 25 30

Gly Glu Leu Leu Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 4510
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4510
atctccagat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaattc tggttcgggg agttattacc ggactactgg 120

ggccaggga 129

<210> 4511
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4511

Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Phe Trp Phe

20 25 30

Gly Glu Leu Leu Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 4512
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4512
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaattc tggttcgggg agttattacc ggactactgg 120

ggccaggga 129

<210> 4513
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4513

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Phe Trp Phe
20 25 30

Gly Glu Leu Leu Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 4514
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4514

Cys Ala Arg Asp Pro Gly Thr Asn Thr Trp Tyr Gly Leu Asp Val Trp
1   5   10   15

<210> 4515
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4515
tgggacacct ccacaagcac tgcctacatg gagctgagca gcctgagatc tgacgacgcg   60

gccgtgtatt actgtgcgag ggatccgggc accaacacct ggtacggtct ggacgtctgg   120

ggccaaggg   129

<210> 4516
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4516

Trp Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1   5   10   15

Ser Asp Asp Ala Ala Val Tyr Tyr Cys Ala Arg Asp Pro Gly Thr Asn
            20   25   30

Thr Trp Tyr Gly Leu Asp Val Trp Gly Gln Gly
        35   40

<210> 4517
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4517
agggacacct ccataagcac agcctacatg gaactgagca gcctgagatc tgacgacgcg 60

gccgtctatt actgtgcgag ggatccgggc accaacacct ggtacggtct ggacgtctgg 120

ggcgaaggg 129

<210> 4518
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4518

Arg Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Asp Asp Ala Ala Val Tyr Tyr Cys Ala Arg Asp Pro Gly Thr Asn
20 25 30

Thr Trp Tyr Gly Leu Asp Val Trp Gly Glu Gly
35 40

<210> 4519
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4519
agggacacct ccacaagcac agcctacatg gagctgagca gcctgagatc tgacgacgcg 60

gccgtgtatt actgtgcgag ggatccgggc accaacacct ggtacggtct ggacgtctgg 120

ggccaaggg 129

<210> 4520
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4520

Arg Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1   5   10   15

Ser Asp Asp Ala Ala Val Tyr Tyr Cys Ala Arg Asp Pro Gly Thr Asn
            20   25   30

Thr Trp Tyr Gly Leu Asp Val Trp Gly Gln Gly
        35   40

<210> 4521
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4521

Cys Ala Lys Met Ser Arg Ala Leu Gln Ile Phe Asp Tyr Trp
1   5   10

<210> 4522
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4522
atctccatag ataattccaa gaatacgctg tatctgcaaa tgaatagcct gagagccgag   60

gacacggccg tatattattg tgcgaaaatg tcgagagcac tccaaatttt tgactactgg   120

ggccaggga 129

<210> 4523
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4523

Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Met Ser Arg
20 25 30

Ala Leu Gln Ile Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4524
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4524
atctccagat ataattccaa gaatacgctg tatctgcaaa tgaatagcct gagagccgag 60

gacacggccg tatattattg tgcgaaaatg tcgagagcac tccaaatttt tgactactgg 120

ggccaggga 129

<210> 4525
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4525

Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Met Ser Arg
            20 25 30

Ala Leu Gln Ile Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 4526
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4526
atctccagag ataattccaa gaatacgctg tatctgcaaa tgaatagcct gagagccgag 60

gacacggccg tatattattg tgcgaaaatg tcgagagcac tccaaatttt tgactactgg 120

ggccaggga 129

<210> 4527
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4527

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Met Ser Arg
            20 25 30

Ala Leu Gln Ile Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 4528
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4528

Cys Ala Arg Trp Asp Tyr Tyr Gly Ser Gly Ser Tyr Phe Leu Pro Trp
1 5 10 15

Pro Gly Asp Trp Tyr Phe Asp Leu Trp
20 25

<210> 4529
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4529
ctgcaaatga acagcctgag agccgaggac acggccgtat attactgtgc gagatgggat 60

tactatggtt cggggagtta tttcctcccc tggccagggg actggtactt cgatctctgg 120

ggccgtggc 129

<210> 4530
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4530

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Trp Asp Tyr Tyr Gly Ser Gly Ser Tyr Phe Leu Pro Trp Pro

```
            20                  25                  30

Gly Asp Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35                  40


<210>  4531
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4531
ctgaaaatga actgcctgag agccgaggac acggccgtat attactgtgc gagatgggat       60

tactatggtt cggggagtta tttcctcccc tggccagggg actggtactt cgatctctgg      120

ggccgtggc                                                              129


<210>  4532
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4532

Leu Lys Met Asn Cys Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
1               5                   10                  15


Ala Arg Trp Asp Tyr Tyr Gly Ser Gly Ser Tyr Phe Leu Pro Trp Pro
            20                  25                  30


Gly Asp Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35                  40


<210>  4533
<211>  129
<212>  DNA
<213>  Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4533
ctgaaaatga accgcctgag agccgaggac acggccgtat attactgtgc gagatgggat 60

tactatggtt cggggagtta tttcctcccc tggccagggg actggtactt cgatctctgg 120

ggccgtggc 129

<210> 4534
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4534

Leu Lys Met Asn Arg Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Trp Asp Tyr Tyr Gly Ser Gly Ser Tyr Phe Leu Pro Trp Pro
            20   25   30

Gly Asp Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 4535
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4535

Cys Ala Arg Arg Ser Val Gly Gly Arg Tyr Phe Asp Tyr Trp
1   5   10

<210> 4536
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4536
atctccatat acaattccaa gaacactctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgcggagg tcagtgggtg gtcgttattt tgactactgg 120

ggccaggga 129

<210> 4537
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4537

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Arg Ser Val
20 25 30

Gly Gly Arg Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4538
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4538
atctccatac acaattccaa gaacactctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgcggagg tcagtgggtg gtcgttattt tgactactgg 120

ggccaggga 129

<210> 4539
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4539

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Arg Ser Val
20 25 30

Gly Gly Arg Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4540
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4540
atctccagag acaattccaa gaacactctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgcggagg tcagtgggtg gtcgttattt tgactactgg 120

ggccaggga 129

<210> 4541
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4541

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser

1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Arg Ser Val
20 25 30

Gly Gly Arg Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4542
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4542

Cys Ala Arg Ala Arg Gly Ile Thr Met Ile Val Gly Gly Arg Glu Asp
1 5 10 15

Ala Phe Asp Ile Trp
20

<210> 4543
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4543
agcactgcct acatggagct gtggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagcga ggggtattac tatgatagta gggggcagag aggatgcttt tgatatctgg 120

ggccaaggg 129

<210> 4544
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4544

Ser Thr Ala Tyr Met Glu Leu Trp Ser Leu Arg Ser Asp Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Ala Arg Gly Ile Thr Met Ile Val Gly Gly
            20   25   30

Arg Glu Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 4545
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4545
agcactgcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt   60

gcgagagcga ggggtattac tatgatagta gggggcagag aggatgcttt tgatatctgg   120

ggccaaggg   129

<210> 4546
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4546

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Ala Arg Gly Ile Thr Met Ile Val Gly Gly
            20   25   30

Arg Glu Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 4547
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4547
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagcga ggggtattac tatgatagta gggggcagag aggatgcttt tgatatctgg 120

ggccaaggg 129

<210> 4548
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4548

Cys Ala Arg Gly Lys Val Trp Glu Gly Gly Tyr Gly Trp Gly Tyr Trp
1 5 10 15

<210> 4549
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4549
tgggacaacg ccaagaactc actgtttctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtgtatt actgtgcgag agggaaggtt tgggagggtg gctacggctg gggttactgg 120

ggccaggga 129

<210> 4550
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4550

Trp Asp Asn Ala Lys Asn Ser Leu Phe Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Lys Val Trp Glu
            20   25   30

Gly Gly Tyr Gly Trp Gly Tyr Trp Gly Gln Gly
        35   40

<210> 4551
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4551
agggacaacg ccaagaactc actgtttctg caaatgaaca gcctgagagc cgaggacacg   60

gccgtgtatt actgtgcgag agggaaggtt tgggagggtg gctacggctg gggttactgg   120

ggccaggga   129

<210> 4552
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4552

Arg Asp Asn Ala Lys Asn Ser Leu Phe Leu Gln Met Asn Ser Leu Arg

1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Lys Val Trp Glu
20 25 30

Gly Gly Tyr Gly Trp Gly Tyr Trp Gly Gln Gly
35 40

<210> 4553
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4553
agggacaacg ccaagaactc actgtttctg caaatgaaca gcctgagagc cgaggacacg 60

gcagtgtatt actgtgcgag agggaaggtt tgggagggtg gctacggctg gggttactgg 120

ggccaggga 129

<210> 4554
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4554

Cys Ala Arg Gly Leu Phe Tyr Tyr Gly Ser Val Val Ala Lys Ile Pro
1 5 10 15

Gly Gly Tyr Trp
20

<210> 4555
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4555
ataagcacag cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgagag gcctcttcta ctatggttca gtcgtcgcca aaattccggg ggggtactgg 120

ggccaggga 129

<210> 4556
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4556

Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg Gly Leu Phe Tyr Tyr Gly Ser Val Val
            20   25   30

Ala Lys Ile Pro Gly Gly Tyr Trp Gly Gln Gly
        35   40

<210> 4557
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4557
ataagcacac cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgagag gcctcttcta ctatggttca gtcgtcgcca aaattccggg ggggtactgg 120

ggccaggga 129

<210> 4558

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4558

Ile Ser Thr Pro Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly Leu Phe Tyr Tyr Gly Ser Val Val
20 25 30

Ala Lys Ile Pro Gly Gly Tyr Trp Gly Gln Gly
35 40

<210> 4559
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4559
ataaccacag cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgagag gcctcttcta ctatggttca gtcgtcgcca aaattccggg ggggtactgg 120

ggccaggga 129

<210> 4560
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4560

Ile Thr Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly Leu Phe Tyr Tyr Gly Ser Val Val
            20   25   30

Ala Lys Ile Pro Gly Gly Tyr Trp Gly Gln Gly
        35   40

<210> 4561
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4561

Cys Ala Arg Asp Lys Phe Ser Ser Gly Ser Tyr Tyr Tyr Tyr Tyr Tyr
1   5   10   15

Tyr Gly Met Asp Val Trp
            20

<210> 4562
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4562
tcgatgtatc ttcaaatgaa cagcctgaga gccgaggaca cggccgtgta ttactgtgcg   60

agagataaat tttccagtgg gagctactat tactactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 4563
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4563

Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Asp Lys Phe Ser Ser Gly Ser Tyr Tyr Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4564
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4564
acgctgtatc ttcaaatgaa cagcctgaga gccgaggaca cggccgtgta ttactgtgcg 60

agagataaat tttccagtgg gagctactat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4565
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4565

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Asp Lys Phe Ser Ser Gly Ser Tyr Tyr Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly

35 40

<210> 4566
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4566
acgatgtatc ttcaaatgaa cagcctgaga gccgagtaca cggccgtgta ttactgtgcg 60

agagataaat tttccagtgg gagctactat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4567
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4567

Thr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Tyr Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Asp Lys Phe Ser Ser Gly Ser Tyr Tyr Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4568
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4568

Cys Ala Lys Asp Arg Ala Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Gly
1   5   10   15

Thr Tyr Asp Gln Asp Ala Phe Asp Ile Trp
            20   25

<210> 4569
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4569
caattgaact gcctgagagc cgaggacacg gccgtatatt actgtgcgaa agatcgggcg 60

tattacgata ttttgactgg ttattatggg acttatgatc aagatgcttt tgatatctgg 120

ggccaaggg 129

<210> 4570
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4570

Gln Leu Asn Cys Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
1   5   10   15

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

Asp Gln Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 4571
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4571
caaatgaact gcctgagagc cgaggacacg gccgtatatt actgtgcgaa agatcgggcg 60

tattacgata ttttgactgg ttattatggg acttatgatc aagatgcttt tgatatctgg 120

ggccaaggg 129

<210> 4572
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4572

Gln Met Asn Cys Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
1   5   10   15

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

Asp Gln Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 4573
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4573
caaatgaaca gcctgagagc cgaggacacg gccgtatatt actgtgcgaa agatcgggcg 60

tattacgata ttttgactgg ttattatggg acttatgatc aagatgcttt tgatatctgg 120

ggccaaggg 129

<210> 4574
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4574

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
1   5   10   15

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

Asp Gln Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 4575
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4575

Cys Ala Arg Gly Met Ser Leu Leu Asp Tyr Trp
1   5   10

<210> 4576
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4576
cgattcacca tctccaggga caacgccaag aactcactgc ttctgcacat gaacagcctg   60

agagccgagg acgcggccgt gtattactgt gcgagaggga tgagccttct tgactactgg   120

ggccaggga 129

<210> 4577
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4577

Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Leu Leu His
1 5 10 15

Met Asn Ser Leu Arg Ala Glu Asp Ala Ala Val Tyr Tyr Cys Ala Arg
20 25 30

Gly Met Ser Leu Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 4578
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4578
cgattcacca cctccaggga caacgccaag aactcactgc ttctgcacat gaacagcctg 60

agagccgagg acgcggccgt gtattactgt gcgagaggga tgagccttct tgactactgg 120

ggccaggga 129

<210> 4579
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4579

Arg Phe Thr Thr Ser Arg Asp Asn Ala Lys Asn Ser Leu Leu Leu His
1 5 10 15

Met Asn Ser Leu Arg Ala Glu Asp Ala Ala Val Tyr Tyr Cys Ala Arg
            20 25 30

Gly Met Ser Leu Leu Asp Tyr Trp Gly Gln Gly
        35 40

<210> 4580
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4580
cgattcacca cctccaggga caacgccaag aactcactgc ttctgcacat gaacagcctg 60

agagccgagg acgcggccgt gtattactgt gcgagaggga tgagcctcct tgactactgg 120

ggccaggga 129

<210> 4581
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4581

Cys Ala Arg Gly Gly Arg Gly Arg Pro Gly Tyr Ser Arg Trp Gly Asp
1 5 10 15

Tyr Trp

<210> 4582
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4582
tacgccaaga actccctgta tctgcaaatg aacagtctga gagctgagga cacggccttg 60

tattactgtg caagaggagg gcgtgggcgc cccgggtata gcagatgggg ggactactgg 120

ggccaggga 129

<210> 4583
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4583

Tyr Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Leu Tyr Tyr Cys Ala Arg Gly Gly Arg Gly Arg Pro Gly
20 25 30

Tyr Ser Arg Trp Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 4584
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4584
aacgccaaga actccctgta tctgcaaatg aacagtctga gagctgagga cacggccttg 60

tattactgtg caagaggagg tcgtgggcgc cccgggtata gcagatgggg ggactactgg 120

ggccaggga 129

<210> 4585
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4585

Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1   5   10   15

Asp Thr Ala Leu Tyr Tyr Cys Ala Arg Gly Gly Arg Gly Arg Pro Gly
            20   25   30

Tyr Ser Arg Trp Gly Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4586
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4586
caacgccaag aactcctgta tctgcaaatg aacagtctga gagctgagga cacggccttg 60

tattactgtg caagaggagg tcgtgggcgc cccgggtata gcagatgggg ggactactgg 120

ggccaggga 129

<210> 4587
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4587

Gln Arg Gln Glu Leu Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu

1 5 10 15

Asp Thr Ala Leu Tyr Tyr Cys Ala Arg Gly Gly Arg Gly Arg Pro Gly
20 25 30

Tyr Ser Arg Trp Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 4588
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4588

Cys Ala Arg Asp Pro Asn Gly Ser Gly Ser Tyr Tyr Leu Gly Tyr Trp
1 5 10 15

<210> 4589
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4589
tgggacacgt ccacgagcac tgtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agatcccaat ggttcgggga gttactattt aggctactgg 120

ggccaggga 129

<210> 4590
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4590

Trp Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1   5   10   15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Pro Asn Gly Ser
            20   25   30

Gly Ser Tyr Tyr Leu Gly Tyr Trp Gly Gln Gly
        35   40

<210> 4591
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4591
tgggacacgc ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agatcccaat ggttcgggga gttactattt aggctactgg 120

ggccaggga 129

<210> 4592
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4592

Trp Asp Thr Pro Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1   5   10   15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Pro Asn Gly Ser
            20   25   30

Gly Ser Tyr Tyr Leu Gly Tyr Trp Gly Gln Gly
        35   40

<210> 4593
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4593
agggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agatcccaat ggttcgggga gttactattt aggctactgg 120

ggccaggga 129

<210> 4594
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4594

Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Pro Asn Gly Ser
20 25 30

Gly Ser Tyr Tyr Leu Gly Tyr Trp Gly Gln Gly
35 40

<210> 4595
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4595

Cys Ala Arg Gly Pro Ser Ile Ala Ala His Pro Leu Tyr Tyr Tyr Tyr

1 5 10 15

Gly Met Asp Val Trp
20

<210> 4596
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4596
tacacgatgt atcttcaaat gaacagcctg agagccgagg acacggccgt gtattactgt 60

gcgagagggc cgagtatagc agctcacccc ctctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4597
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4597

Tyr Thr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Gly Pro Ser Ile Ala Ala His Pro Leu Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4598
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4598
aacacgctgt atcttcaaat gaacagcctg agagccgagg acacggccgt gtattactgt 60

gcgagagggc cgagtatagc agctcacccc ctctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4599
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4599

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Gly Pro Ser Ile Ala Ala His Pro Leu Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4600
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4600
aacacgctgt atcttcaaat caacagcctg agagccgagg acacggccgt gtattactgt 60

gcgagagggc cgagtatagc agctcacccc ctctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4601

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4601

Asn Thr Leu Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Gly Pro Ser Ile Ala Ala His Pro Leu Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4602
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4602

Cys Thr Thr Pro Tyr Gly Ser Gly Ser Tyr Ser Arg Asp Tyr Trp
1 5 10 15

<210> 4603
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4603
caagagatga ttcaaaaaaa cacgctgtat ctgcaaatga acagcctgaa aaccgaggac 60

acagccgtgt attactgtac cacaccttat ggttcgggga gttattccag agactactgg 120

ggccaggga 129

<210> 4604
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4604

Gln Glu Met Ile Gln Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Pro Tyr Gly Ser
            20   25   30

Gly Ser Tyr Ser Arg Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4605
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4605
tcaagagatg attcaaaaaa cacgctgtat ctgcaaatga acagcctgaa aaccgagggc   60

acagccgtgt attactgtac cacaccttat ggttcgggga gttattccag agactactgg   120

ggccaggga   129

<210> 4606
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4606

Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu

1 5 10 15

Lys Thr Glu Gly Thr Ala Val Tyr Tyr Cys Thr Thr Pro Tyr Gly Ser
20 25 30

Gly Ser Tyr Ser Arg Asp Tyr Trp Gly Gln Gly
35 40

<210> 4607
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4607
tcaagagatg attcaaaaaa cacgctgtat ctgcaaatga acagcctgaa aaccgaggac 60

acagccgtgt attactgtac cacaccttat ggttcgggga gttattccag agactactgg 120

ggccaggga 129

<210> 4608
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4608

Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Pro Tyr Gly Ser
20 25 30

Gly Ser Tyr Ser Arg Asp Tyr Trp Gly Gln Gly
35 40

<210> 4609

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4609

Cys Ala Arg Val Lys Gly Trp Thr Gly Tyr Phe Asp Tyr Trp
1 5 10

<210> 4610
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4610
atctccaggg acaacgccaa gaactcactg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tgtattactg tgcgagagtt aagggctgga cgggttactt tgactactgg 120

ggccaggga 129

<210> 4611
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4611

Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Lys Gly
20 25 30

Trp Thr Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4612
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4612
atctccaggc acaacgccaa caactcactg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tgtattactg tgcgagagtt aagggctgga cgggttactt tgactactgg 120

ggccaggga 129

<210> 4613
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4613

Ile Ser Arg His Asn Ala Asn Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Lys Gly
            20 25 30

Trp Thr Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 4614
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4614
atctccaggc acaaccccaa gaactcactg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tgtattactg tgcgagagtt aagggctgga cgggttactt tgactactgg 120

ggccaggga 129

<210> 4615
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4615

Ile Ser Arg His Asn Pro Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Lys Gly
20 25 30

Trp Thr Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4616
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4616

Cys Thr Ser Ser Arg Ser Ile Ala Arg Gly Gly Gly Ala Phe Asp Ile
1 5 10 15

Trp

<210> 4617
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4617
tattattcaa agaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc 60

gtgtattact gtactagcag tcgaagtata gcaagagggg gtggtgcttt tgatatctgg 120

ggccaaggg 129

<210> 4618
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4618

Tyr Tyr Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Ser Ser Arg Ser Ile Ala Arg
            20   25   30

Gly Gly Gly Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 4619
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4619
gatgattcaa agaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc 60

gtgtattact gtactagcag tcgaagtata gcaagagggg gtggtgcttt tgatatctgg 120

ggccaaggg 129

<210> 4620

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4620

Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Ser Ser Arg Ser Ile Ala Arg
20 25 30

Gly Gly Gly Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 4621
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4621
cattattcaa agaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc 60

gtgtattact gtactagcag tcgaagtata gcaagagggg gtggtgcttt tgatatctgg 120

ggccaaggg 129

<210> 4622
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4622

His Tyr Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Ser Ser Arg Ser Ile Ala Arg
            20   25   30

Gly Gly Gly Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 4623
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4623

Cys Ala Arg Asp Lys Gly Trp Gly Asp Gly Met Asp Val Trp
1   5   10

<210> 4624
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4624
atctccatat acaattccaa gaacacgctg tatcttcaaa tgggcagcct gagagctgag   60

gacatggctg cgtattactg tgcgagagat aaagggtggg gggacggaat ggacgtctgg   120

ggccaaggg   129

<210> 4625
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4625

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Gly Ser

1 5 10 15

Leu Arg Ala Glu Asp Met Ala Ala Tyr Tyr Cys Ala Arg Asp Lys Gly
20 25 30

Trp Gly Asp Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4626
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4626
atctccatac acaattccaa gaacacgctg tatcttcaaa tgggcagcct gagagctgag 60

gacatggctg cgtattactg tgcgagagat aaagggtggg gggacggaat ggacgtctgg 120

ggccaaggg 129

<210> 4627
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4627

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Gly Ser
1 5 10 15

Leu Arg Ala Glu Asp Met Ala Ala Tyr Tyr Cys Ala Arg Asp Lys Gly
20 25 30

Trp Gly Asp Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4628

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4628
atctccagag acaattccaa gaacacgctg tatcttcaaa tgggcagcct gagagctgag 60

gacatggctg cgtattactg tgcgagagat aaagggtggg gggacggaat ggacgtctgg 120

ggccaaggg 129

<210> 4629
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4629

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Gly Ser
1 5 10 15

Leu Arg Ala Glu Asp Met Ala Ala Tyr Tyr Cys Ala Arg Asp Lys Gly
20 25 30

Trp Gly Asp Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4630
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4630

Cys Ala Lys Ser Ser Pro Thr Val Thr Asn Asn Trp Phe Asp Pro Trp
1 5 10 15

<210> 4631
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4631
agagacaatt ccaagaacac actgtatctg caaatgaacg gcctgagagc cggggacacg 60

gccatatatt actgtgcgaa atcaagtcca acggtgacta acaactggtt cgacccctgg 120

ggccaggga 129

<210> 4632
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4632

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Gly Leu Arg
1 5 10 15

Ala Gly Asp Thr Ala Ile Tyr Tyr Cys Ala Lys Ser Ser Pro Thr Val
20 25 30

Thr Asn Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4633
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4633
agagacaatt ccaagaacac actgtatctg caaatgaaca gcctgagagc cggggacacg 60

gccatatatt actgtgcgaa atcaagtcca acggtgacta acaactggtt cgacccctgg 120

ggccaggga 129

<210> 4634
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4634

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Gly Asp Thr Ala Ile Tyr Tyr Cys Ala Lys Ser Ser Pro Thr Val
20 25 30

Thr Asn Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4635
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4635
agagacaatt ccaagaacac actgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccatatatt actgtgcgaa atcaagtcca acggtgacta acaactggtt cgacccctgg 120

ggccaggga 129

<210> 4636
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4636

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Ile Tyr Tyr Cys Ala Lys Ser Ser Pro Thr Val
20 25 30

Thr Asn Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4637
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4637

Cys Ala Lys Asp Tyr Gly Ser Ser Trp Phe Tyr Tyr Phe Asp Tyr Trp
1 5 10 15

<210> 4638
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4638
atatataatt ccaacaacac gctgtatctg caaatgaacc gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agattacggc agcagctggt tctactactt tgactactgg 120

ggccaggga 129

<210> 4639
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4639

Ile Tyr Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Arg Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Tyr Gly Ser Ser
            20   25   30

Trp Phe Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4640
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4640
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg   60

gccgtatatt actgtgcgaa agattacggc agcagctggt tctactactt tgactactgg   120

ggccaggga   129

<210> 4641
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4641

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Tyr Gly Ser Ser
            20   25   30

Trp Phe Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4642
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4642
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg   60

gccatatatt actgtgcgaa agattacggc agcagctggt tctactactt tgactactgg   120

ggccaggga   129

<210> 4643
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4643

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Ile Tyr Tyr Cys Ala Lys Asp Tyr Gly Ser Ser
            20   25   30

Trp Phe Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4644
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4644

Cys Ala Asn Gly Ile Ala Ala Arg Gly Thr Asp Tyr Trp
1 5 10

<210> 4645
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4645
accatctcca tatataattc caagaacacg ctgtatctgc aaatgagcag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaat ggaatagcag cacgtggtac cgactactgg 120

ggccaggga 129

<210> 4646
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4646

Thr Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Ser
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Asn Gly Ile
20 25 30

Ala Ala Arg Gly Thr Asp Tyr Trp Gly Gln Gly
35 40

<210> 4647
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4647
accatctcca tacataattc caagaacacg ctgtatctgc aaatgagcag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaat ggaatagcag cacgtggtac cgactactgg 120

ggccaggga 129

<210> 4648
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4648

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Ser
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Asn Gly Ile
            20   25   30

Ala Ala Arg Gly Thr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4649
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4649
accatctcca gagataattc caagaacacg ctgtatctgc aaatgagcag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaat ggaatagcag cacgtggtac cgactactgg 120

ggccaggga 129

<210> 4650

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4650

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Ser
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Asn Gly Ile
20 25 30

Ala Ala Arg Gly Thr Asp Tyr Trp Gly Gln Gly
35 40

<210> 4651
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4651

Cys Ala Lys Asp Glu Asp Ser Gly Ser Gly Val Gly Gly Met Asp Val
1 5 10 15

Trp

<210> 4652
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4652
gacaattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggct 60

gtgtattact gtgcgaaaga cgaagattcg gggagtggag tgggggtat ggacgtctgg 120

ggccaaggg 129

<210> 4653
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4653

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Glu Asp Ser Gly Ser
20 25 30

Gly Val Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4654
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4654
gacaattcca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggct 60

gtgtattact gtgcgaaaga cgaagattcg gggagtggag tgggggtat ggacgtctgg 120

ggccaaggg 129

<210> 4655
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4655

Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Glu Asp Ser Gly Ser
20 25 30

Gly Val Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4656
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4656
cacaattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggct 60

gtgtattact gtgcgaaaga cgaagattcg gggagtggag tgggggtat ggacgtctgg 120

ggccaaggg 129

<210> 4657
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4657

His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Glu Asp Ser Gly Ser
20 25 30

Gly Val Gly Gly Met Asp Val Trp Gly Gln Gly

35 40

<210> 4658
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4658

Cys Ala Lys Asp Arg Arg Gly Val Arg Gly Val Ile Pro Ser Tyr Phe
1 5 10 15

Asp Tyr Trp

<210> 4659
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4659
gccaagaact ccctgtatct gcaaatgaac agtctgagag ctgaggacac ggccttgtat 60

tactgtgcaa aagatagacg aggggttcgg ggagttattc ctagttactt tgactactgg 120

ggccagggg 129

<210> 4660
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4660

Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Arg Arg Gly Val Arg Gly Val
            20   25   30

Ile Pro Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4661
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4661
gccaagaact ccctgtatct gcaaatgaac agtctgagag ctgaggacac ggccttgtat 60

tactgtgcaa aagatagacg aggggttcgg ggagttattc ctagttactt tgactactgg 120

ggccaggga 129

<210> 4662
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4662
gccaagaact ccctgtatct gaaaatgaac agtctgagag ctgaggacac ggcctttat 60

tactgtgcaa aagatagacg aggggttcgg ggagttattc ctagttactt tgactactgg 120

ggccaggga 129

<210> 4663
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4663

Ala Lys Asn Ser Leu Tyr Leu Lys Met Asn Ser Leu Arg Ala Glu Asp
1   5   10   15

Thr Ala Phe Tyr Tyr Cys Ala Lys Asp Arg Arg Gly Val Arg Gly Val
            20   25   30

Ile Pro Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4664
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4664

Cys Ala Arg Ala Gly Val Trp Val Arg Gly Val Met Pro Arg Gln Arg
1   5   10   15

Glu Leu Asp Tyr Trp
            20

<210> 4665
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4665
tgcacagtct acttggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagcgg gggtttgggt tcggggagtt atgccccgcc agagagaact tgactactgg 120

ggccaggga 129

<210> 4666
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4666

Cys Thr Val Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Ala Gly Val Trp Val Arg Gly Val Met Pro
            20   25   30

Arg Gln Arg Glu Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4667
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4667
tgcacagtct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt   60

gcgagagcgg gggtttgggt tcggggagtt atgccccgcc agagagaact tgactactgg   120

ggccaggga   129

<210> 4668
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4668

Cys Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Ala Gly Val Trp Val Arg Gly Val Met Pro

```
            20                  25                  30

Arg Gln Arg Glu Leu Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  4669
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4669
agcacagtct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt       60

gcgagagcgg gggtttgggt tcggggagtt atgccccgcc agagagaact tgactactgg      120

ggccaggga                                                              129


<210>  4670
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4670

Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1               5                   10                  15


Val Tyr Tyr Cys Ala Arg Ala Gly Val Trp Val Arg Gly Val Met Pro
            20                  25                  30


Arg Gln Arg Glu Leu Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  4671
<211>  11
<212>  PRT
<213>  Artificial Sequence
```

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4671

Cys Ala Thr Tyr Ser Gly Ser Ser His Tyr Trp
1   5   10

<210> 4672
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4672
cggttcacca tctccagata taattccaag aacacgctgt atctgcaaat gaagagcctg   60

agagccgagg acacggccgt atattactgt gcgacatata gtgggagctc tcactactgg   120

ggccaggga   129

<210> 4673
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4673

Arg Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1   5   10   15

Met Lys Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr
            20   25   30

Tyr Ser Gly Ser Ser His Tyr Trp Gly Gln Gly
        35   40

<210> 4674
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4674
cggttcacca tctccagaga taattccaag aacacgctgt atctgcaaat gaagagcctg 60

agagccgagg acacggccgt atattactgt gcgacatata gtgggagctc tcactactgg 120

ggccaggga 129

<210> 4675
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4675

Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Met Lys Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr
20 25 30

Tyr Ser Gly Ser Ser His Tyr Trp Gly Gln Gly
35 40

<210> 4676
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4676
cggttcacca tctccagaca taataccaag aacacgctgt atctgcaaat gaagagcctg 60

agagccgagg acacggccgt atattactgt gcgacatata gtgggagctc tcactactgg 120

ggccaggga 129

<210> 4677
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4677

Arg Phe Thr Ile Ser Arg His Asn Thr Lys Asn Thr Leu Tyr Leu Gln
1   5   10   15

Met Lys Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr
            20   25   30

Tyr Ser Gly Ser Ser His Tyr Trp Gly Gln Gly
        35   40

<210> 4678
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4678

Cys Ala Arg Asp Leu Glu Thr Asp Thr Phe Asp Tyr Trp
1   5   10

<210> 4679
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4679
accatctcca gagacaacgc caggaacacc ttatatctgc aaatgaacag tctgagagcc   60

gaggacacgg ctgtgtatta ctgtgcaaga gatctggaga ctgatacctt tgactactgg   120

ggccaggga 129

<210> 4680
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4680

Thr Ile Ser Arg Asp Asn Ala Arg Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu
20 25 30

Glu Thr Asp Thr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4681
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4681
accatctcca gagacaacgc caagaacacg ctgtatctgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtgtatta ctgtgcaagg gatctggaga ctgatacctt tgactactgg 120

ggccaggga 129

<210> 4682
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4682

Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu
            20   25   30

Glu Thr Asp Thr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4683
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4683
accatctcca gagacaacgc caagaacacg ctgtatctgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtgtatta ctgtgcaaga gatctggaga ctgatacctt tgactactgg 120

ggccaggga 129

<210> 4684
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4684

Cys Thr Thr Pro Phe Phe Arg Val Pro Gln Ala Trp
1   5   10

<210> 4685
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4685
ttcaccatct caagagatga ttcaaataat attgtgtttc tgcaaatgaa cagcctgaaa 60

accgaggaca cagccgtgta ttactgtacc acccctttct tccgggtgcc ccaggcctgg 120

ggccaggga 129

<210> 4686
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4686

Phe Thr Ile Ser Arg Asp Asp Ser Asn Asn Ile Val Phe Leu Gln Met
1 5 10 15

Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Pro
20 25 30

Phe Phe Arg Val Pro Gln Ala Trp Gly Gln Gly
35 40

<210> 4687
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4687
ttcaccatct caagagatga ttcaaataat attgtgtttc tgcaaatgaa cagcctgaaa 60

accgaggaca cagccgcgta ttactgtacc acccctttct tccgggtgcc ccaggcctgg 120

ggccaggga 129

<210> 4688
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4688

Phe Thr Ile Ser Arg Asp Asp Ser Asn Asn Ile Val Phe Leu Gln Met
1 5 10 15

Asn Ser Leu Lys Thr Glu Asp Thr Ala Ala Tyr Tyr Cys Thr Thr Pro
20 25 30

Phe Phe Arg Val Pro Gln Ala Trp Gly Gln Gly
35 40

<210> 4689
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4689
ttcaccatct caagagatga ttcaaataat attgtgtttc cgcaaatgaa cagcctgaaa 60

accgaggaca cagccgcgta ttactgtacc acccctttct tccgggtgcc ccaggcctgg 120

ggccaggga 129

<210> 4690
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4690

Phe Thr Ile Ser Arg Asp Asp Ser Asn Asn Ile Val Phe Pro Gln Met
1 5 10 15

Asn Ser Leu Lys Thr Glu Asp Thr Ala Ala Tyr Tyr Cys Thr Thr Pro

20 25 30

Phe Phe Arg Val Pro Gln Ala Trp Gly Gln Gly
35 40

<210> 4691
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4691

Cys Ala Arg Glu Gly Gly Thr Ile Phe Gly Trp Gly Met Asp Val Trp
1 5 10 15

<210> 4692
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4692
tgggacacat ccgcgagtac agcctacatg gagctgagca gcctgagatc tgaagacacg 60

tctgtctatt actgtgcgag agaggggggt acgatttttg ggtggggtat ggacgtctgg 120

ggccaaggg 129

<210> 4693
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4693

Trp Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

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

Phe Gly Trp Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4694
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4694
tgggacacat ccgcgagaac agcctacatg gagctgagca gcctgagatc tgaagacacg 60

tctgtctatt actgtgcgag agaggggggt acgatttttg ggtggggtat ggacgtctgg 120

ggccaaggg 129

<210> 4695
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4695

Trp Asp Thr Ser Ala Arg Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1   5   10   15

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

Phe Gly Trp Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4696
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4696
agggacacat ccgcgagtac agcctacatg gagctgagca gcctgagatc tgaagacacg 60

tctgtctatt actgtgcgag agaggggggt acgatttttg ggtggggtat ggacgtctgg 120

ggccaaggg 129

<210> 4697
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4697

Arg Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

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

Phe Gly Trp Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4698
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4698

Cys Ala Arg Asp Glu Ser Ser Ser Ser Leu Asn Trp Phe Asp Pro Trp
1 5 10 15

<210> 4699

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4699
tgggacacat ccgcgagcat agtctacatg gaactgagca gcctgagatc tgaagacacg 60

gctgtatatt actgtgcgag agacgaaagc agctcgtccc tgaactggtt cgacccctgg 120

ggccaggga 129

<210> 4700
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4700

Trp Asp Thr Ser Ala Ser Ile Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Glu Ser Ser Ser
20 25 30

Ser Leu Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4701
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4701
agggacacat ccgcgagcat agtctacatg gaactgagca gcctgagatc tgaagacacg 60

gctgtatatt actgtgcgag agacgaaagc agctcgtccc tgaactggtt cgacccctgg 120

ggccaggga 129

<210> 4702
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4702

Arg Asp Thr Ser Ala Ser Ile Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Glu Ser Ser Ser
20 25 30

Ser Leu Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4703
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4703
agggacacat ccgcgagcac agtctacatg gacctgagca gcctgagatc tgaagacacg 60

gctgtttatt actgtgcgag agacgaaagc agttcgtccc tgaattggtt cgacccctgg 120

ggccaggga 129

<210> 4704
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4704

Arg Asp Thr Ser Ala Ser Thr Val Tyr Met Asp Leu Ser Ser Leu Arg
1   5   10   15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Glu Ser Ser Ser
            20   25   30

Ser Leu Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 4705
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4705

Cys Ala Arg Leu Leu Gly Gly Gly Gly Gly Gln Thr Trp
1   5   10

<210> 4706
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4706
atcatctcca tacacaacgc caagaacacg ctgtatttgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtctatta ctgtgcaaga ctcctgggtg gggggggagg tcagacttgg 120

ggccaggga 129

<210> 4707
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4707

Ile Ile Ser Ile His Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Leu
20 25 30

Gly Gly Gly Gly Gly Gln Thr Trp Gly Gln Gly
35 40

<210> 4708
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4708
atcatctcca gagacaacgc caagaacacg ctgtatttgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtctatta ctgtgcaaga ctcctgggtg gggggggagg tcagacttgg 120

ggccaggga 129

<210> 4709
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4709

Ile Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Leu
20 25 30

Gly Gly Gly Gly Gly Gln Thr Trp Gly Gln Gly

35 40

<210> 4710
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4710
atcatctcca gacacaacgc caagaacacg ctgtatttgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtctatta ctgtgcaaga ctcctgggtg ggggggggagg tcagacttgg 120

ggccaggga 129

<210> 4711
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4711

Ile Ile Ser Arg His Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Leu
20 25 30

Gly Gly Gly Gly Gly Gln Thr Trp Gly Gln Gly
35 40

<210> 4712
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4712

Cys Ala Arg Trp Ile Pro Met Val His Trp Pro Asn Asp Ala Phe Asp
1   5   10   15

Ile Trp

<210> 4713
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4713
acctccatat gcacagccta cttggagctg agcagcctga gatctgagga cacggccgtg   60

tattactgtg cgagatggat ccctatggtt cattggccaa atgatgcttt tgatatctgg   120

ggccaaggg   129

<210> 4714
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4714

Thr Ser Ile Cys Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Trp Ile Pro Met Val His Trp
            20   25   30

Pro Asn Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 4715
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4715
acctccatat gcacagccta catggagctg agcagcctga gatctgagga cacggccgtg 60

tattactgtg cgagatggat ccctatggtt cattggccaa atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 4716
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4716

Thr Ser Ile Cys Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Trp Ile Pro Met Val His Trp
20 25 30

Pro Asn Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 4717
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4717
acctccataa gcacagccta catggagctg agcagcctga gatctgagga cacggccgtg 60

tattactgtg cgagatggat ccctatggtt cattggccaa atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 4718
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4718

Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Trp Ile Pro Met Val His Trp
20 25 30

Pro Asn Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 4719
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4719

Cys Ala Arg Arg Gly Ser Gly Ser Pro Ala Thr Gly Ile Asp Tyr Trp
1 5 10 15

<210> 4720
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4720
tgggacacgc cccagagcac agtctacatg gacctgagca gcctcagaac taacgacacg 60

gccatgtttt actgtgcgag aaggggatcg gggagcccag ctaccggcat tgactactgg 120

ggccaggga 129

<210> 4721
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4721

Trp Asp Thr Pro Gln Ser Thr Val Tyr Met Asp Leu Ser Ser Leu Arg
1 5 10 15

Thr Asn Asp Thr Ala Met Phe Tyr Cys Ala Arg Arg Gly Ser Gly Ser
20 25 30

Pro Ala Thr Gly Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 4722
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4722
agggacacgt cccagagcac agtctacatg gacctgagca gcctcagaac tgacgacacg 60

gccatgtttt actgtgcgag aaggggatcg gggagcccag ctaccggcat tgactactgg 120

ggccaggga 129

<210> 4723
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4723

Arg Asp Thr Ser Gln Ser Thr Val Tyr Met Asp Leu Ser Ser Leu Arg
1   5   10   15

Thr Asp Asp Thr Ala Met Phe Tyr Cys Ala Arg Arg Gly Ser Gly Ser
            20   25   30

Pro Ala Thr Gly Ile Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4724
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4724
agggacacgt cccagagcac agtctacatg gacctgagca gcctcagaac taacgacacg 60

gccatgtttt actgtgcgag aaggggatcg gggagcccag ctaccggcat tgactactgg 120

ggccaggga 129

<210> 4725
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4725

Arg Asp Thr Ser Gln Ser Thr Val Tyr Met Asp Leu Ser Ser Leu Arg
1   5   10   15

Thr Asn Asp Thr Ala Met Phe Tyr Cys Ala Arg Arg Gly Ser Gly Ser
            20   25   30

Pro Ala Thr Gly Ile Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4726
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4726

Cys Ala Lys Glu Val Arg Glu Arg Trp Pro Ser Gly Met Asp Val Trp
1 5 10 15

<210> 4727
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4727
ttatataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agaggtccgg gaacggtggc ccagcggtat ggacgtctgg 120

ggccaaggg 129

<210> 4728
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4728

Leu Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Val Arg Glu Arg
20 25 30

Trp Pro Ser Gly Met Asp Val Trp Gly Gln Gly

35 40

<210> 4729
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4729
ttagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agaggtccgg gaacggtggc ccagcggtat ggacgtctgg 120

ggccaaggg 129

<210> 4730
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4730

Leu Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Val Arg Glu Arg
20 25 30

Trp Pro Ser Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4731
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4731

agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agaggtccgg gaacggtggc ccagcggtat ggacgtctgg 120

ggccaaggg 129

<210> 4732
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4732

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Val Arg Glu Arg
20 25 30

Trp Pro Ser Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4733
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4733

Cys Ala Arg Asp Phe Ser Ser Ser Trp Tyr Ser Tyr Phe Gln His Trp
1 5 10 15

<210> 4734
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4734
tgggacacgt ccacgagcac tgtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agattttagc agcagctggt atagctactt ccagcactgg 120

ggccagggc 129

<210> 4735
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4735

Trp Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Phe Ser Ser Ser
20 25 30

Trp Tyr Ser Tyr Phe Gln His Trp Gly Gln Gly
35 40

<210> 4736
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4736
tgggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agattttagc agcagctggt atagctactt ccagcactgg 120

ggccagggc 129

<210> 4737
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4737
agggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agattttagc agcagctggt atagctactt ccagcactgg 120

ggccagggc 129

<210> 4738
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4738

Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Phe Ser Ser Ser
20 25 30

Trp Tyr Ser Tyr Phe Gln His Trp Gly Gln Gly
35 40

<210> 4739
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4739

Cys Ala Arg Gly Val Tyr Gly Ser Gly Asp Asp Trp
1 5 10

<210> 4740

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4740
ttcaccatct ccagagacaa ttccaagaac acgctgtatc ttcaaatgaa cagcctgaga 60

gccgaggaca cggccgtgta ttactgtgcg agaggggtgt atggttcggg agacgattgg 120

ggccaggga 129

<210> 4741
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4741

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly
20 25 30

Val Tyr Gly Ser Gly Asp Asp Trp Gly Gln Gly
35 40

<210> 4742
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4742
ttcaccatct ccagacacaa ttccaagaac acgctgtatc ttcaaatgaa cagcctgaga 60

gccgaggaca cggccgtgta ttactgtgcg agaggggtgt atggttcggg agacgattgg 120

ggccaggga 129

<210> 4743
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4743

Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly
20 25 30

Val Tyr Gly Ser Gly Asp Asp Trp Gly Gln Gly
35 40

<210> 4744
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4744
ttcaccatct ccagacacaa ttccaagaac acgctgtatc ttcaaatcaa cagcctgaga 60

gccgaggaca cggccgtgta ttactgtgcg agaggggtgt atggttcggg agacgattgg 120

ggccaggga 129

<210> 4745
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4745

Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Ile
1   5   10   15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly
            20   25   30

Val Tyr Gly Ser Gly Asp Asp Trp Gly Gln Gly
        35   40

<210> 4746
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4746

Cys Ala Lys Gly Ala Ile Ala Val Ala Gly Met Thr Asp Tyr Trp
1   5   10   15

<210> 4747
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4747
tccattaata attccaagaa cacgctgaat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaaggggct atagcagtgg ctggtatgac tgactactgg 120

ggccaggga 129

<210> 4748
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4748

Ser Ile Asn Asn Ser Lys Asn Thr Leu Asn Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Ala Ile Ala
20 25 30

Val Ala Gly Met Thr Asp Tyr Trp Gly Gln Gly
35 40

<210> 4749
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4749
tccagagatg attcaaagaa cacggcgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaaggggct atagcagtgg ctggtatgac tgactactgg 120

ggccaggga 129

<210> 4750
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4750

Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Ala Ile Ala
20 25 30

Val Ala Gly Met Thr Asp Tyr Trp Gly Gln Gly

35 40

<210> 4751
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4751
tccagagata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaaggggct atagcagtgg ctggtatgac tgactactgg 120

ggccaggga 129

<210> 4752
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4752

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Ala Ile Ala
20 25 30

Val Ala Gly Met Thr Asp Tyr Trp Gly Gln Gly
35 40

<210> 4753
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4753

Cys Thr Arg His Trp Asp Ser Gly Tyr Asp Ser Met Asp Tyr Tyr Tyr
1   5   10   15

Gly Met Asp Val Trp
            20

<210> 4754
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4754
aacacggcgt atctgcaaat gaacagcctg aaaaccgagg acacggccgt gtattactgt   60

actagacatt gggatagtgg ctacgattcg atggactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 4755
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4755

Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Thr Arg His Trp Asp Ser Gly Tyr Asp Ser Met Asp
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4756
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4756
tacacggcgt atctgcaaat gaacagcctg aaaaccgagg acacggccgt gtattactgt 60

actagacatt gggatagtgg ctacgattcg atggactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4757
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4757

Tyr Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Thr Arg His Trp Asp Ser Gly Tyr Asp Ser Met Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4758
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4758
aacacggcgt atctgcaaat caacagcctg aaaaccgagg acacggccgt gtattactgt 60

actagacatt gggatagtgg ctacgattcg atggactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4759
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4759

Asn Thr Ala Tyr Leu Gln Ile Asn Ser Leu Lys Thr Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Thr Arg His Trp Asp Ser Gly Tyr Asp Ser Met Asp
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4760
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4760

Cys Ala His Arg Arg Asp Asn Ser Trp Tyr Asp Tyr Trp
1   5   10

<210> 4761
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4761
accatcacca cggacacctc caaaaagcag gtggtcctta caatgaccaa catggaccct   60

gtggacacag ccacatatta ctgtgcacac agacgtgaca atagctggta tgactactgg   120

ggcctggga 129

<210> 4762
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4762

Thr Ile Thr Thr Asp Thr Ser Lys Lys Gln Val Val Leu Thr Met Thr
1 5 10 15

Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Arg
20 25 30

Asp Asn Ser Trp Tyr Asp Tyr Trp Gly Leu Gly
35 40

<210> 4763
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4763
accatcacca cggacacctc caaaaaccag gtagtcctta caatgaccaa catggaccct 60

gtggacacag ccacatatta ctgtgcacac agacgtgaca atagctggta tgactactgg 120

ggcctggga 129

<210> 4764
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4764

Thr Ile Thr Thr Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr
1 5 10 15

Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Arg
20 25 30

Asp Asn Ser Trp Tyr Asp Tyr Trp Gly Leu Gly
35 40

<210> 4765
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4765
accatcacca cggacacctc caaaaaccag gtagtcctta caatgaccaa catggaccct 60

gtggacacag ccacatatta ctgtgcacac agacgtgaca atagctggta tgactactgg 120

ggccagggc 129

<210> 4766
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4766

Thr Ile Thr Thr Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr
1 5 10 15

Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Arg
20 25 30

Asp Asn Ser Trp Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 4767
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4767

Cys Ala Lys Glu Gly Lys Ile Val Gly Ala Thr Met Pro Phe Asp Tyr
1 5 10 15

Trp

<210> 4768
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4768
gacaattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga ggggaagata gtgggagcta ctatgccttt tgactactgg 120

ggccaggga 129

<210> 4769
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4769

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Gly Lys Ile Val Gly

```
            20                  25                  30

Ala Thr Met Pro Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  4770
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4770
gacaatccca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc       60

gtatattact gtgcgaaaga ggggaagata gtgggagcta ctatgccttt tgactactgg      120

ggccaggga                                                              129


<210>  4771
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4771

Asp Asn Pro Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1               5                   10                  15


Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Gly Lys Ile Val Gly
            20                  25                  30


Ala Thr Met Pro Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  4772
<211>  129
<212>  DNA
<213>  Artificial Sequence
```

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4772
gaaaattcca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga ggggaagata gtgggagcta ctatgccttt tgactactgg 120

ggccaggga 129

<210> 4773
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4773

Glu Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Gly Lys Ile Val Gly
            20   25   30

Ala Thr Met Pro Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4774
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4774

Cys Ala Lys Asp Leu Ser Asn Ser Gly Ala Thr Glu Tyr Trp
1   5   10

<210> 4775
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4775
atctccatat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagac ctatcaaata gtggtgctac tgaatactgg 120

ggccaggga 129

<210> 4776
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4776

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Ser
20 25 30

Asn Ser Gly Ala Thr Glu Tyr Trp Gly Gln Gly
35 40

<210> 4777
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4777
atctccatac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagac ctatcaaata gtggtgctac tgaatactgg 120

ggccaggga 129

<210> 4778
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4778

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Ser
20 25 30

Asn Ser Gly Ala Thr Glu Tyr Trp Gly Gln Gly
35 40

<210> 4779
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4779
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagac ctatcaaata gtggtgctac tgaatactgg 120

ggccaggga 129

<210> 4780
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4780

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser

1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Ser
20 25 30

Asn Ser Gly Ala Thr Glu Tyr Trp Gly Gln Gly
35 40

<210> 4781
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4781

Cys Ala Arg Val Arg Ser Tyr Asp Ser Thr Ala Tyr Asp Glu Pro Leu
1 5 10 15

Asp Ala Leu Asp Ile Trp
20

<210> 4782
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4782
acagcctact tggagttgcg ctgcctgaga tctgaagaca cggctgtata ttactgtgcg 60

agagttcggt cctatgatag tactgcgtat gacgaacccc ttgatgctct tgatatctgg 120

ggccaaggg 129

<210> 4783
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4783

Thr Ala Tyr Leu Glu Leu Arg Cys Leu Arg Ser Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Val Arg Ser Tyr Asp Ser Thr Ala Tyr Asp Glu
            20   25   30

Pro Leu Asp Ala Leu Asp Ile Trp Gly Gln Gly
        35   40

<210> 4784
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4784
acagcctact tggagttgcg cagcctgaga tctgaagaca cggctgtata ttactgtgcg   60

agagttcggt cctatgatag tactgcgtat gacgaacccc ttgatgctct tgatatctgg   120

ggccaaggg   129

<210> 4785
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4785

Thr Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Val Arg Ser Tyr Asp Ser Thr Ala Tyr Asp Glu
            20   25   30

Pro Leu Asp Ala Leu Asp Ile Trp Gly Gln Gly
35 40

<210> 4786
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4786
acagcctaca tggagttgcg cagcctgaga tctgaagaca cggctgtata ttactgtgcg 60

agagttcggt cctatgatag tactgcgtat gacgaacccc ttgatgctct tgatatctgg 120

ggccaaggg 129

<210> 4787
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4787

Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Val Arg Ser Tyr Asp Ser Thr Ala Tyr Asp Glu
20 25 30

Pro Leu Asp Ala Leu Asp Ile Trp Gly Gln Gly
35 40

<210> 4788
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4788

Cys Ala Lys Ala Arg Gly Val Gly Gly Pro Phe Asp Tyr Trp
1 5 10

<210> 4789
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4789
atctccatag acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggctg tgtattactg tgcgaaagcc cgggggggtgg gcgggccgtt tgactactgg 120

ggccaggga 129

<210> 4790
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4790

Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ala Arg Gly
20 25 30

Val Gly Gly Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4791
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4791
atctccatac acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggctg tgtattactg tgcgaaagcc cgggggggtgg gcgggccgtt tgactactgg 120

ggccaggga 129

<210> 4792
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4792

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ala Arg Gly
            20   25   30

Val Gly Gly Pro Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4793
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4793
atctccagag acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggctg tgtattactg tgcgaaagcc cgggggggtgg gcgggccgtt tgactactgg 120

ggccaggga 129

<210> 4794

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4794

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ala Arg Gly
20 25 30

Val Gly Gly Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4795
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4795

Cys Thr Arg Tyr Gly Asp Thr Arg Asp Trp Val Phe Asp Leu Trp
1 5 10 15

<210> 4796
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4796
ccagagatga ttcagagaac cacggcgtat ctgcaaatga acagcctgaa gaccgaggac 60

acggccgtgt attactgtac tagatacggt gacaccaggg actgggtctt cgatctgtgg 120

ggccgtggc 129

<210> 4797
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4797

Pro Glu Met Ile Gln Arg Thr Thr Ala Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Tyr Gly Asp Thr
20 25 30

Arg Asp Trp Val Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 4798
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4798
tccagagatt attcagacaa cacggcgtat ctgcaaatga acagcctgaa gaccgaggac 60

acggccgtgt attactgtac tagatacggt gacaccaggg actgggtctt cgatctgtgg 120

ggccgtggc 129

<210> 4799
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4799

Ser Arg Asp Tyr Ser Asp Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu

1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Tyr Gly Asp Thr
20 25 30

Arg Asp Trp Val Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 4800
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4800
tccagagatg attcagagaa cacggcgtat ctgcaaatga acagcctgaa gaccgaggac 60

acggccgtgt attactgtac tagatacggt gacaccaggg actgggtctt cgatctgtgg 120

ggccgtggc 129

<210> 4801
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4801

Ser Arg Asp Asp Ser Glu Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Tyr Gly Asp Thr
20 25 30

Arg Asp Trp Val Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 4802

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4802

Cys Ala His Thr Pro Gly Gly Ser Glu Leu Arg Glu Gly Ile Asp Tyr
1 5 10 15

Trp

<210> 4803
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4803
gacacctcca aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacac ccccggtggc tctgaattac gggaggggat tgactactgg 120

ggccaggga 129

<210> 4804
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4804

Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Thr Pro Gly Gly Ser Glu
20 25 30

Leu Arg Glu Gly Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 4805
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4805
ggacacctcc aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacac ccccggtggc tctgaattac gggaggggat tgactactgg 120

ggccaggga 129

<210> 4806
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4806

Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Thr Pro Gly Gly Ser Glu
20 25 30

Leu Arg Glu Gly Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 4807
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4807
ggacacctcc aaaaaccagg tggtccttca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacac ccccggtggc tctgaattac gggaggggat tgactactgg 120

ggccaggga 129

<210> 4808
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4808

Gly His Leu Gln Lys Pro Gly Gly Pro Ser Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Thr Pro Gly Gly Ser Glu
20 25 30

Leu Arg Glu Gly Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 4809
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4809

Cys Ala Arg Tyr His Ile Leu Thr Gly Gln Tyr Met Asp Tyr Tyr Tyr
1 5 10 15

Tyr Gly Leu Asp Val Trp
20

<210> 4810

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4810
tatctgcatc tgcagatgag cagcctgaga gccggcgaca cggccgtata ttattgtgcg 60

aggtaccata ttttgactgg tcagtatatg gactactact actacggtct ggacgtctgg 120

ggccaaggg 129

<210> 4811
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4811

Tyr Leu His Leu Gln Met Ser Ser Leu Arg Ala Gly Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Tyr His Ile Leu Thr Gly Gln Tyr Met Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Leu Asp Val Trp Gly Gln Gly
35 40

<210> 4812
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4812
actctgcatc tgcagatgag cagcctgaga gccggcgaca cggccgtata ttattgtgcg 60

aggtaccata ttttgactgg tcagtatatg gactactact actacggtct ggacgtctgg 120

ggccaaggg 129

<210> 4813
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4813

Thr Leu His Leu Gln Met Ser Ser Leu Arg Ala Gly Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Tyr His Ile Leu Thr Gly Gln Tyr Met Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Leu Asp Val Trp Gly Gln Gly
35 40

<210> 4814
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4814
actatgcatc tgctgatgag cagcctgaga gccggcgaca cggccgtata ttattgtgcg 60

aggtaccata ttttgactgg tcagtatatg gactactact actacggtct ggacgtctgg 120

ggccaaggg 129

<210> 4815
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4815

Thr Met His Leu Leu Met Ser Ser Leu Arg Ala Gly Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Tyr His Ile Leu Thr Gly Gln Tyr Met Asp Tyr
            20   25   30

Tyr Tyr Tyr Gly Leu Asp Val Trp Gly Gln Gly
        35   40

<210> 4816
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4816

Cys Ala Thr Asn Ile Ala Ala Ala Gly Thr Asp Ala Phe Asp Ile Trp
1   5   10   15

<210> 4817
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4817
gaggacacat ctacagacac agcctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcaac aaatatagca gcagctggta ctgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 4818
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4818

Glu Asp Thr Ser Thr Asp Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Asn Ile Ala Ala Ala
20 25 30

Gly Thr Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 4819
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4819
gaggacacat ctacagacac agcctacacg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtact actgtgcaac aaatatagca gcagctggta ctgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 4820
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4820

Glu Asp Thr Ser Thr Asp Thr Ala Tyr Thr Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Asn Ile Ala Ala Ala
20 25 30

Gly Thr Asp Ala Phe Asp Ile Trp Gly Gln Gly

35 40

<210> 4821
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4821
gaggacacat atacagacac agcctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcaac aaatatagca gcagctggta ctgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 4822
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4822

Glu Asp Thr Tyr Thr Asp Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Asn Ile Ala Ala Ala
20 25 30

Gly Thr Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 4823
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4823

Cys Ala Lys Asp Gly Arg Leu Ile Ala Ala Ala Gly Arg Glu Trp Tyr
1   5   10   15

Trp Tyr Phe Asp Leu Trp
            20

<210> 4824
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4824
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagatggga ggcttatagc agcagctggt agagagtggt actggtactt cgatctctgg 120

ggccgtggc 129

<210> 4825
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4825

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Lys Asp Gly Arg Leu Ile Ala Ala Ala Gly Arg Glu
            20   25   30

Trp Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 4826
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4826
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagatggga ggcttatagc agcagccggt agagagtggt actggtactt cgatctctgg 120

ggccgtggc 129

<210> 4827
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4827
aagatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagatggga ggcttatagc agcagctggt agagagtggt actggtactt cgatctctgg 120

ggccgtggc 129

<210> 4828
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4828

Lys Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Asp Gly Arg Leu Ile Ala Ala Ala Gly Arg Glu
20 25 30

Trp Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 4829
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4829

Cys Ala Lys Asp Thr Gly Asn Trp
1   5

<210> 4830
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4830
gtgaagggcc ggttcaccat ctccagatat aattccaaga acacgctgta tctgcaaatt   60

aacagcctga gagccgagga cacggccgta tattactgtg cgaaagatac gggcaactgg   120

ggccaggga   129

<210> 4831
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4831

Val Lys Gly Arg Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu
1   5   10   15

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

Cys Ala Lys Asp Thr Gly Asn Trp Gly Gln Gly

35 40

<210> 4832
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4832
gtgaagggcc ggttcaccat ctccagatat aattccaaga acacgctgta tctgaaaatg 60

aacagcctga gagccgagga cacggccgta tattactgtg cgaaagatac gggcaactgg 120

ggccaggga 129

<210> 4833
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4833

Val Lys Gly Arg Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu
1 5 10 15

Tyr Leu Lys Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
20 25 30

Cys Ala Lys Asp Thr Gly Asn Trp Gly Gln Gly
35 40

<210> 4834
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4834

gtgaagggcc ggttcaccat ctccagagat aattccaaga acacgctgta tctgcaaatg 60

aacagcctga gagccgagga cacggccgta tattactgtg cgaaagatac gggcaactgg 120

ggccaggga 129

<210> 4835
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4835

Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu
1 5 10 15

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
20 25 30

Cys Ala Lys Asp Thr Gly Asn Trp Gly Gln Gly
35 40

<210> 4836
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4836

Cys Ala Lys Gly Tyr Thr Ser Gly Trp Tyr Asp Tyr Trp
1 5 10

<210> 4837
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4837
accatctcca tacacaattc caagagcacg ctgcatctgc aaatgagcag cctgagagcc 60

gaggacacgg ccgtatattt ctgtgcgaag ggatatacga gtggctggta cgactactgg 120

ggccaggga 129

<210> 4838
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4838

Thr Ile Ser Ile His Asn Ser Lys Ser Thr Leu His Leu Gln Met Ser
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Phe Cys Ala Lys Gly Tyr
20 25 30

Thr Ser Gly Trp Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 4839
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4839
accatctcca gagacaattc caagagcacg ctgcatctgc aaatgagcag cctgagagcc 60

gaggacacgg ccgtatattt ctgtgcgaag ggatatacga gtggctggta cgactactgg 120

ggccaggga 129

<210> 4840
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4840

Thr Ile Ser Arg Asp Asn Ser Lys Ser Thr Leu His Leu Gln Met Ser
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Phe Cys Ala Lys Gly Tyr
            20   25   30

Thr Ser Gly Trp Tyr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4841
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4841
aacatctcca tagacaattc caagagcacg ctgcatctgc aaatgagcag cctgagagcc   60

gaggacacgg ccgtatattt ctgtgcgaag ggatatacga gtggctggta cgactactgg   120

ggccaggga   129

<210> 4842
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4842

Asn Ile Ser Ile Asp Asn Ser Lys Ser Thr Leu His Leu Gln Met Ser
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Phe Cys Ala Lys Gly Tyr

20 25 30

Thr Ser Gly Trp Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 4843
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4843

Cys Ala His Ile Asn Ser Glu Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
1 5 10 15

<210> 4844
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4844
caaggacacc tccaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cattaacagc gagtactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4845
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4845

Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ile Asn Ser Glu Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4846
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4846
agggacacct ccaaaaacca ggtggtcctt acagtgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cattaacagc gagtactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4847
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4847

Arg Asp Thr Ser Lys Asn Gln Val Val Leu Thr Val Thr Asn Met Asp
1   5   10   15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ile Asn Ser Glu Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4848
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4848
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cattaacagc gagtactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4849
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4849

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ile Asn Ser Glu Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4850
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4850

Cys Ala Arg Glu Asn Ser Gly Tyr Gly Phe Asp Tyr Trp
1 5 10

<210> 4851

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4851
accatctcca gagaaaatgc caagaactcc ttgtatcttc aaatgaacag cctgagagcc 60

ggggacacgg ctgtgtatta ctgtgcaaga gaaaatagtg gctacgggtt tgactactgg 120

ggccaggga 129

<210> 4852
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4852

Thr Ile Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Asn
20 25 30

Ser Gly Tyr Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4853
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4853
aacatctcca tagaaaatgc caagaactcc ttgtatcttc aaatgaacag cctgagagcc 60

ggggacacgg ctgtgtatta ctgtgcaaga gaaaatagtg gctacgggtt tgactactgg 120

ggccaggga 129

<210> 4854
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4854

Asn Ile Ser Ile Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Asn
20 25 30

Ser Gly Tyr Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4855
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4855
aacatctcca gagaaaatgc caagaactcc ttgtatcttc aaatgaacag cctgagagcc 60

ggtgacacgg ctgtgtatta ctgtgcaaga gaaaatagtg gctacgggtt tgactactgg 120

ggccaggga 129

<210> 4856
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4856

Asn Ile Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Asn
            20   25   30

Ser Gly Tyr Gly Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4857
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4857

Cys Ala Arg Gly Val Ser Ser Ser Trp Tyr Ala Trp Phe Asp Pro Trp
1   5   10   15

<210> 4858
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4858
tgggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag aggggttagc agcagctggt atgcttggtt cgacccctgg 120

ggccaggga 129

<210> 4859
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4859

Trp Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Val Ser Ser Ser
20 25 30

Trp Tyr Ala Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4860
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4860
tgggacacgc ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag aggggttagc agcagctggt atgcttggtt cgacccctgg 120

ggccaggga 129

<210> 4861
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4861

Trp Asp Thr Pro Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Val Ser Ser Ser
20 25 30

Trp Tyr Ala Trp Phe Asp Pro Trp Gly Gln Gly

35 40

<210> 4862
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4862
agggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag aggggttagc agcagctggt atgcttggtt cgacccctgg 120

ggccaggga 129

<210> 4863
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4863

Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Val Ser Ser Ser
20 25 30

Trp Tyr Ala Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4864
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4864

Cys Thr Thr Asp Ala Trp Asp Ile Val Val Val Pro Ala Ala Met His
1   5   10   15

Ala His Phe Asp Tyr Trp
            20

<210> 4865
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4865
acgctgtatc tgcgaatgaa cagcctgaaa accgaggaca cagccgtgta ttactgtacc 60

acagatgctt gggatattgt agtagtacca gctgctatgc atgctcattt tgactactgg 120

ggccaggga 129

<210> 4866
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4866

Thr Leu Tyr Leu Arg Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Thr Thr Asp Ala Trp Asp Ile Val Val Val Pro Ala Ala
            20   25   30

Met His Ala His Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4867
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4867
acgctgtatc tgcaaatgaa cagcctgaaa accgaggaca cagccgtgta ttactgtacc 60

acagatgctt gggatattgt agtagtacca gctgctatgc atgctcattt tgactactgg 120

ggccaggga 129

<210> 4868
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4868

Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Thr Thr Asp Ala Trp Asp Ile Val Val Val Pro Ala Ala
20 25 30

Met His Ala His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4869
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4869
aagctgtatc tgcgaatgaa cagcctgaaa accgaggaca cagccgtgta ttactgtacc 60

acagatgctt gggatattgt agtagtacca gctgctatgc atgctcattt tgactactgg 120

ggccaggga 129

<210> 4870
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4870

Lys Leu Tyr Leu Arg Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Thr Thr Asp Ala Trp Asp Ile Val Val Val Pro Ala Ala
            20   25   30

Met His Ala His Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4871
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4871

Cys Val Val Ile Gly Val Gln Glu Gly Tyr Trp
1   5   10

<210> 4872
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4872
tggttcacca tctccagata tgattcaaag accacggcgt atctgcaaat gaacagcctg   60

aaacccgagg acacggccgt gtattactgt gtggtaatag gggtgcaaga aggctactgg   120

ggccaggga 129

<210> 4873
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4873

Trp Phe Thr Ile Ser Arg Tyr Asp Ser Lys Thr Thr Ala Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys Val Val
20 25 30

Ile Gly Val Gln Glu Gly Tyr Trp Gly Gln Gly
35 40

<210> 4874
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4874
tggttcacca tctccagata tgattcaaag accacggcgt atctgcaaat gaacagcctg 60

aaaaccgagg acacggccgt gtattactgt gtggtaatag gggtgcaaga aggctactgg 120

ggccaggga 129

<210> 4875
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4875

```
Trp Phe Thr Ile Ser Arg Tyr Asp Ser Lys Thr Thr Ala Tyr Leu Gln
1               5                   10                  15


Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Val Val
            20                  25                  30


Ile Gly Val Gln Glu Gly Tyr Trp Gly Gln Gly
        35                  40


<210>  4876
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4876
aggttcacca tctccagaga tgattcaaag accacggcgt atctgcaaat gaacagcctg       60

aaaaccgagg acacggccgt gtattactgt gtggtaatag gggtgcaaga aggctactgg      120

ggccaggga                                                              129


<210>  4877
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4877

Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Thr Thr Ala Tyr Leu Gln
1               5                   10                  15


Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Val Val
            20                  25                  30


Ile Gly Val Gln Glu Gly Tyr Trp Gly Gln Gly
        35                  40
```

<210> 4878
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4878

Cys Ala Arg Asp Asp Ser Arg Ser Ala Phe Gly Glu Leu Leu Ser Gly
1 5 10 15

Leu Met Asp Val Trp
20

<210> 4879
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4879
tgcagagtct acttggagct gagcagcctg agatctgaag acacggccgt gtattattgt 60

gcgagagatg attctcgatc ggcgttcggg gagttattat cgggcctgat ggacgtctgg 120

ggccaaggg 129

<210> 4880
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4880

Cys Arg Val Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Asp Ser Arg Ser Ala Phe Gly Glu Leu

```
            20                  25                  30

Leu Ser Gly Leu Met Asp Val Trp Gly Gln Gly
        35                  40


<210>  4881
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4881
tgcagagtct acatggagct gagcagcctg agatctgaag acacggccgt gtattattgt       60

gcgagagatg attctcgatc ggcgttcggg gagttattat cgggcctgat ggacgtctgg      120

ggccaaggg                                                              129


<210>  4882
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  4882

Cys Arg Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1               5                   10                  15


Val Tyr Tyr Cys Ala Arg Asp Asp Ser Arg Ser Ala Phe Gly Glu Leu
            20                  25                  30


Leu Ser Gly Leu Met Asp Val Trp Gly Gln Gly
        35                  40


<210>  4883
<211>  129
<212>  DNA
<213>  Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4883
agcagagtct acatggagct gagcagcctg agatctgaag acacggccgt gtattattgt 60

gcgagagatg attctcgatc ggcgttcggg gagttattat cgggcctgat ggacgtctgg 120

ggccaaggg 129

<210> 4884
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4884

Ser Arg Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Asp Ser Arg Ser Ala Phe Gly Glu Leu
            20 25 30

Leu Ser Gly Leu Met Asp Val Trp Gly Gln Gly
        35 40

<210> 4885
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4885

Cys Ala Arg Val Ser Leu Gly Thr Pro Glu Leu Gly Gly Val Glu Gly
1 5 10 15

Pro Phe Asp Tyr Trp
            20

<210> 4886
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4886
tgcacagcct acttggagct gagcagcctg agatctgaag acacggctgt gtattactgt 60

gcgagagttt ccctagggac cccggagctg ggtggggtgg aggggccttt tgactactgg 120

ggccaggga 129

<210> 4887
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4887

Cys Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Val Ser Leu Gly Thr Pro Glu Leu Gly Gly
20 25 30

Val Glu Gly Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4888
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4888
tgcacagcct acatggagct gagcagcctg agatctgaag acacggctgt gtattactgt 60

gcgagagttt ccctagggac cccggagctg ggtggggtgg aggggccttt tgactactgg 120

ggccaggga 129

<210> 4889
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4889

Cys Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Val Ser Leu Gly Thr Pro Glu Leu Gly Gly
20 25 30

Val Glu Gly Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4890
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4890
agcacagcct acatggagct gagcagcctg agatctgaag acacggctgt gtattactgt 60

gcgagagttt ccctagggac cccggagctg ggtggggtgg aggggccttt tgactactgg 120

ggccaggga 129

<210> 4891
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4891

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Val Ser Leu Gly Thr Pro Glu Leu Gly Gly
20 25 30

Val Glu Gly Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4892
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4892

Cys Ala Lys Asp Lys Tyr Tyr Ser Ser Ser Trp Tyr Gly Arg Pro Pro
1 5 10 15

Thr Thr Asn Glu Ala Gly Gly Met Asp Val Trp
20 25

<210> 4893
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4893
ttgaacagcc tgagagccga ggacacggcc gtatattact gtgcgaaaga caagtactat 60

agcagcagct ggtacggacg accgccgacg actaacgagg cgggggggtat ggacgtctgg 120

ggccaaggg 129

<210> 4894

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4894

Leu Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
1 5 10 15

Asp Lys Tyr Tyr Ser Ser Ser Trp Tyr Gly Arg Pro Pro Thr Thr Asn
20 25 30

Glu Ala Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4895
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4895
ttcaacagcc tgagagccga ggacacggcc gtatattact gtgcgaaaga caagtactat 60

agcagcagct ggtacggacg accgccgacg actaacgagg cgggggggtat ggacgtctgg 120

ggccaaggg 129

<210> 4896
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4896

Phe Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
1 5 10 15

Asp Lys Tyr Tyr Ser Ser Ser Trp Tyr Gly Arg Pro Pro Thr Thr Asn
            20   25   30

Glu Ala Gly Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4897
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4897
atgaacagcc tgagagccga ggacacggcc gtatattact gtgcgaaaga caagtactat 60

agcagcagct ggtacggacg accgccgacg actaacgagg cgggggggtat ggacgtctgg 120

ggccaaggg 129

<210> 4898
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4898

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
1   5   10   15

Asp Lys Tyr Tyr Ser Ser Ser Trp Tyr Gly Arg Pro Pro Thr Thr Asn
            20   25   30

Glu Ala Gly Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4899
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4899

Cys Ile Thr Thr Tyr Gly Tyr Ser Gly Tyr Asp His Gly Tyr Trp
1   5   10   15

<210> 4900
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4900
tcaagagatg attcaagaac cactgtctat ctgcaaatga acagcctgaa aagcgaggac   60

acaggcgtct attactgtat cacgacgtat ggatatagtg gctacgatca tggctactgg   120

ggccaggga   129

<210> 4901
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4901

Ser Arg Asp Asp Ser Arg Thr Thr Val Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Lys Ser Glu Asp Thr Gly Val Tyr Tyr Cys Ile Thr Thr Tyr Gly Tyr
            20   25   30

Ser Gly Tyr Asp His Gly Tyr Trp Gly Gln Gly
        35   40

<210> 4902

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4902
tcaagagatg attcaaaaaa cacgctgtat ctgcaaatga acagcctgaa aagcgaggac 60

acaggcgtct attactgtat cacgacgtat ggatatagtg gctacgatca tggctactgg 120

ggccaggga 129

<210> 4903
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4903

Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Ser Glu Asp Thr Gly Val Tyr Tyr Cys Ile Thr Thr Tyr Gly Tyr
20 25 30

Ser Gly Tyr Asp His Gly Tyr Trp Gly Gln Gly
35 40

<210> 4904
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4904
tcaagagatg attcaaaaaa cacgctgtat ctgcaaatga acagcctgaa aaccgaggac 60

acagccgtgt attactgtat cacgacgtat ggatatagtg gctacgatca tggctactgg 120

ggccaggga 129

<210> 4905
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4905

Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ile Thr Thr Tyr Gly Tyr
20 25 30

Ser Gly Tyr Asp His Gly Tyr Trp Gly Gln Gly
35 40

<210> 4906
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4906

Cys Ala Arg Trp Gly Glu Ala Asn Ser Gly Tyr Asp Asp His Trp Phe
1 5 10 15

Asp Pro Trp

<210> 4907
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4907
tccatcggca ccgcctacct gcagtggagc agcctgaagg cctcggacac cgccatgtat 60

tactgtgcga gatgggggga ggcaaatagc ggctacgatg atcactggtt cgacccctgg 120

ggccaggga 129

<210> 4908
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4908

Ser Ile Gly Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp
1 5 10 15

Thr Ala Met Tyr Tyr Cys Ala Arg Trp Gly Glu Ala Asn Ser Gly Tyr
20 25 30

Asp Asp His Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4909
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4909
tccatcagca ccgcctacct gcagtggggc agcctgaagg cctcggacac cgccatgtat 60

tactgtgcga gatgggggga ggcaaatagt ggctacgatg atcactggtt tgacccctgg 120

ggccaggga 129

<210> 4910
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4910

Ser Ile Ser Thr Ala Tyr Leu Gln Trp Gly Ser Leu Lys Ala Ser Asp
1   5   10   15

Thr Ala Met Tyr Tyr Cys Ala Arg Trp Gly Glu Ala Asn Ser Gly Tyr
            20   25   30

Asp Asp His Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 4911
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4911
tccatcagca ccgcctacct gcagtggagc agcctgaagg cctcggacac cgccatgtat   60

tactgtgcga gatgggggga ggcaaatagt ggctacgatg atcactggtt cgacccctgg   120

ggccaggga   129

<210> 4912
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4912

Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp
1   5   10   15

Thr Ala Met Tyr Tyr Cys Ala Arg Trp Gly Glu Ala Asn Ser Gly Tyr

20 25 30

Asp Asp His Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4913
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4913

Cys Thr Ser Leu Thr Leu Phe Gly Glu Leu Val Thr Trp
1 5 10

<210> 4914
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4914
accatctcca tagatcattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactagt ctaacactct tcggggagtt agtaacttgg 120

ggccaggga 129

<210> 4915
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4915

Thr Ile Ser Ile Asp His Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Ser Leu Thr
            20   25   30

Leu Phe Gly Glu Leu Val Thr Trp Gly Gln Gly
        35   40

<210> 4916
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4916
accatctcca gagattattc aaagaacacg gcgtatctgc aaatgaacag ccttaaaacc 60

gaggacacgg ccgtgtatta ctgtactagt ctaacactct tcggggagtt agtaacttgg 120

ggccaggga 129

<210> 4917
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4917

Thr Ile Ser Arg Asp Tyr Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Ser Leu Thr
            20   25   30

Leu Phe Gly Glu Leu Val Thr Trp Gly Gln Gly
        35   40

<210> 4918
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4918
accatctcca gagatgattc aaagaacacg gcgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtactagt ctaacactct tcggggagtt agtaacttgg 120

ggccaggga 129

<210> 4919
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4919

Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Ser Leu Thr
20 25 30

Leu Phe Gly Glu Leu Val Thr Trp Gly Gln Gly
35 40

<210> 4920
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4920

Cys Val Lys Asp Gly Pro Arg Ala Pro Arg Asn Leu Gly Arg Tyr Gly
1 5 10 15

Gly Tyr Phe Asp Asp Trp

20

<210> 4921
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4921
tcgatctatc tgaacatgaa caacctgaga gtcgacgata cggccgtata tttctgtgtg 60

aaagatggcc ctcgcgcgcc ccggaatcta gggagatacg gagggtactt tgacgactgg 120

ggccaggga 129

<210> 4922
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4922

Ser Ile Tyr Leu Asn Met Asn Asn Leu Arg Val Asp Asp Thr Ala Val
1 5 10 15

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

Tyr Gly Gly Tyr Phe Asp Asp Trp Gly Gln Gly
35 40

<210> 4923
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4923

acgctctatc tgaacatgaa caacctgaga gtcgacgata cggccgtata tttctgtgtg 60

aaagatggcc ctcgcgcgcc ccggaatcta gggagatacg gagggtactt tgacgactgg 120

ggccaggga 129

<210> 4924
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4924

Thr Leu Tyr Leu Asn Met Asn Asn Leu Arg Val Asp Asp Thr Ala Val
1 5 10 15

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

Tyr Gly Gly Tyr Phe Asp Asp Trp Gly Gln Gly
35 40

<210> 4925
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4925
acgctctatc tgaacatcaa caacctgaga gtcgacgata cggccgtata tttctgtgtg 60

aaagatggcc ctcgcgcgcc ccggaatcta gggagatacg gagggtactt tgacgactgg 120

ggccaggga 129

<210> 4926
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4926

Thr Leu Tyr Leu Asn Ile Asn Asn Leu Arg Val Asp Asp Thr Ala Val
1   5   10   15

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

Tyr Gly Gly Tyr Phe Asp Asp Trp Gly Gln Gly
        35   40

<210> 4927
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4927

Cys Ala His Arg Gly Ala Ala Gly Thr Phe Asn Trp Phe Asp Pro Trp
1   5   10   15

<210> 4928
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4928
caaggacacc tccaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca   60

gccacatatt actgtgcaca cagaggagca gctggtacct tcaactggtt cgacccctgg   120

ggccaggga   129

<210> 4929
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4929

Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Gly Ala Ala Gly
20 25 30

Thr Phe Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4930
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4930
caaggacacc tccaaaaacc aggtggtcct acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cagaggagca gctggtacct tcaactggtt cgacccctgg 120

ggccaggga 129

<210> 4931
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4931

Gln Gly His Leu Gln Lys Pro Gly Gly Pro Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Gly Ala Ala Gly

20 25 30

Thr Phe Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4932
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4932
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cagaggagca gctggtacct tcaactggtt cgacccctgg 120

ggccaggga 129

<210> 4933
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4933

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Gly Ala Ala Gly
20 25 30

Thr Phe Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4934
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4934

Cys Ala Lys Ser Phe Gly Gly Tyr Ile Ser Tyr Gly Asp Tyr Asp Cys
1   5   10   15

Trp

<210> 4935
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4935
gtcaattcca aggacaccct gtatctgcaa atgaatagcc tgagagccga ggacacggcc   60

gtatattact gtgcgaaatc cttcggaggc tatatttcct acggtgacta cgattgctgg   120

ggccaggga   129

<210> 4936
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4936

Val Asn Ser Lys Asp Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ser Phe Gly Gly Tyr Ile
            20   25   30

Ser Tyr Gly Asp Tyr Asp Cys Trp Gly Gln Gly
        35   40

<210> 4937
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4937
gtcaattcca agaacaccct gtatctgcaa attaatagcc tgagagccga gtacacggcc 60

gtatattact gtgcgaaatc cttcggaggc tatatttcct acggtgacta cgattgctgg 120

ggccaggga 129

<210> 4938
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4938

Val Asn Ser Lys Asn Thr Leu Tyr Leu Gln Ile Asn Ser Leu Arg Ala
1 5 10 15

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

Ser Tyr Gly Asp Tyr Asp Cys Trp Gly Gln Gly
35 40

<210> 4939
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4939
gtcaattcca agaacaccct gtatctgcaa atgaatagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaatc cttcggaggc tatatttcct acggtgacta cgattgctgg 120

ggccaggga 129

<210> 4940
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4940

Val Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ser Phe Gly Gly Tyr Ile
20 25 30

Ser Tyr Gly Asp Tyr Asp Cys Trp Gly Gln Gly
35 40

<210> 4941
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4941

Cys Ala Lys Gly Ser Arg Pro Gly Gly Gln Lys Gly Gly Tyr Phe Asp
1 5 10 15

Leu Trp

<210> 4942
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4942
aattccaaga acacgctgta tctgcaaatg agcagcctga gagccgagga cccggtcgta 60

tattactgtg cgaaagggtc acgtccaggt ggacaaaagg gggggtactt cgatctctgg 120

ggccgtggc 129

<210> 4943
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4943

Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Ser Ser Leu Arg Ala Glu
1   5   10   15

Asp Pro Val Val Tyr Tyr Cys Ala Lys Gly Ser Arg Pro Gly Gly Gln
            20   25   30

Lys Gly Gly Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 4944
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4944
aattccaaga acacgctgta tctgcaaatg agcagcctga gagccgagga cacggtcgta 60

tattactgtg cgaaagggtc acgtccaggt ggacaaaagg gggggtactt cgatctctgg 120

ggccgtggc 129

<210> 4945

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4945

Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Ser Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Val Val Tyr Tyr Cys Ala Lys Gly Ser Arg Pro Gly Gly Gln
20 25 30

Lys Gly Gly Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 4946
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4946
aattccaaga acacgctgta tctgcaaatg aacagcctga gagccgagga cacggccgta 60

tattactgtg cgaaagggtc acgtccaggt ggacaaaagg gggggtactt cgatctctgg 120

ggccgtggc 129

<210> 4947
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4947

Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Ser Arg Pro Gly Gly Gln
            20   25   30

Lys Gly Gly Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 4948
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4948

Cys Ala Arg Glu Ser Gly Cys Ser Ser Thr Ser Cys Tyr Phe Ser Trp
1   5   10   15

Phe Asp Pro Trp
            20

<210> 4949
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4949
gtcagcacgg catatctgca gatcagcagc ctaaaggctg aggacactgc cgtgtattac   60

tgtgcgagag agagtggttg tagtagtacc agctgctatt ttagctggtt cgacccctgg   120

ggccaggga   129

<210> 4950
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4950

Val Ser Thr Ala Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Glu Ser Gly Cys Ser Ser Thr Ser Cys
20 25 30

Tyr Phe Ser Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4951
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4951
gccagcacgg catatctgca gatcagcagc ctaaaggctg aggacactgc cgtgtattac 60

tgtgcgagag agagtggttg tagtagtacc agctgctatt ttagctggtt cgacccctgg 120

ggccaggga 129

<210> 4952
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4952

Ala Ser Thr Ala Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Glu Ser Gly Cys Ser Ser Thr Ser Cys
20 25 30

Tyr Phe Ser Trp Phe Asp Pro Trp Gly Gln Gly

35 40

<210> 4953
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4953
gccagcacgg catatctgca gaccagcagc ctaaaggctg aggacactgc cgtgtattac 60

tgtgcgagag agagtggttg tagtagtacc agctgctatt ttagctggtt cgacccctgg 120

ggccaggga 129

<210> 4954
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4954

Ala Ser Thr Ala Tyr Leu Gln Thr Ser Ser Leu Lys Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Glu Ser Gly Cys Ser Ser Thr Ser Cys
20 25 30

Tyr Phe Ser Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 4955
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4955

```
Cys Ala Arg Gly Pro Gly Ile Val Val Val Leu Ser Thr Tyr Tyr Tyr
1               5                   10                  15


Tyr Gly Met Asp Val Trp
            20
```

<210> 4956
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4956

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tcgatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg       60

cgggggccgg ggatagtagt ggttctttcg acctactact actacggtat ggacgtctgg      120

ggccaaggg                                                              129
```

<210> 4957
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4957

```
Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1               5                   10                  15


Tyr Tyr Cys Ala Arg Gly Pro Gly Ile Val Val Val Leu Ser Thr Tyr
            20                  25                  30


Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35                  40
```

<210> 4958
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4958
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

cgggggccgg ggatagtagt ggttctttcg acctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4959
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4959

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Gly Pro Gly Ile Val Val Val Leu Ser Thr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4960
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4960
acgatgtatc tgcaaatgaa cagcctgaga gctgaggaca cggccgtata ttactgtgcg 60

cgggggccgg ggatagtagt ggttctttcg acctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4961
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4961

Thr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Gly Pro Gly Ile Val Val Val Leu Ser Thr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 4962
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4962

Cys Ala Lys Arg Glu Asp Tyr Asp Phe Trp Ser Gly Arg Gly Ala Phe
1   5   10   15

Asp Ile Trp

<210> 4963
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4963

tccaataact cgctgtatct gcaaatgaac agcctgagag ccgaggacac ggccgtatat 60

tactgtgcga aaagggagga ttacgatttt tggagtggcc ggggtgcttt tgatatctgg 120

ggccaaggg 129

<210> 4964
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4964

Ser Asn Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Lys Arg Glu Asp Tyr Asp Phe Trp Ser
20 25 30

Gly Arg Gly Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 4965
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4965
tccaagaact cgctgtatct gcaaatgaac agcctgagag ccgaggacac ggccgtatat 60

tactgtgcga aaagggagga ttacgatttt tggagtggcc ggggtgcttt tgatatctgg 120

ggccaaggg 129

<210> 4966
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4966

Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Lys Arg Glu Asp Tyr Asp Phe Trp Ser
            20   25   30

Gly Arg Gly Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 4967
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4967
tccaagaaca cgctgtatct gcaaatgaac agcctgagag ccgaggacac ggccgtatat   60

tactgtgcga aaagggagga ttacgatttt tggagtggcc ggggtgcttt tgatatctgg   120

ggccaaggg   129

<210> 4968
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4968

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Lys Arg Glu Asp Tyr Asp Phe Trp Ser
            20   25   30

Gly Arg Gly Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 4969
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4969

Cys Ala Arg Glu Gly Ala Tyr Gly Asp Tyr Arg Gly Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 4970
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4970
tgcactgcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagagg gggcttacgg tgactatcgt ggctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4971
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4971

Cys Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala

1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Gly Ala Tyr Gly Asp Tyr Arg Gly Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4972
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4972
tgcacagcct acttggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagagg gggcttacgg tgactatcgt ggctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4973
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4973

Cys Thr Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Gly Ala Tyr Gly Asp Tyr Arg Gly Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4974

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4974
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagagg gggcttacgg tgactatcgt ggctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 4975
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4975

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Gly Ala Tyr Gly Asp Tyr Arg Gly Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 4976
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4976

Cys Ala Thr Thr Pro Gly Pro Trp Ile Gln Leu Trp Phe Gly Gly Gly
1 5 10 15

Phe Asp Tyr Trp
            20

<210> 4977
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4977
atcaccaccg cctacctaca gtggagcagc ctgcaggcct cggacaccgc catttattac   60

tgtgcgacaa cccccgggcc gtggatacaa ctttggtttg gggggggctt tgactactgg   120

ggccaggga   129

<210> 4978
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4978

Ile Thr Thr Ala Tyr Leu Gln Trp Ser Ser Leu Gln Ala Ser Asp Thr
1   5   10   15

Ala Ile Tyr Tyr Cys Ala Thr Thr Pro Gly Pro Trp Ile Gln Leu Trp
            20   25   30

Phe Gly Gly Gly Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4979
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4979
atcaccaccg cctacctaca gtggagcagc ctgcaggcct cggacaccgc catgtattac 60

tgtgcgacaa cccccgggcc gtggatacaa ctttggtttg gggggggctt tgactactgg 120

ggccaggga 129

<210> 4980
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4980

Ile Thr Thr Ala Tyr Leu Gln Trp Ser Ser Leu Gln Ala Ser Asp Thr
1 5 10 15

Ala Met Tyr Tyr Cys Ala Thr Thr Pro Gly Pro Trp Ile Gln Leu Trp
20 25 30

Phe Gly Gly Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4981
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4981
atcaccaccg cctacctaca gtggagcagc ctgcaggcct cggacaccgc catgtattac 60

tgtgcgacaa cacccgggcc gtggatacaa ctttggtttg gggggggctt tgactactgg 120

ggccaggga 129

<210> 4982
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4982

Cys Ala Thr Ser Val Leu Pro Tyr His Leu His Phe Asp Tyr Trp
1   5   10   15

<210> 4983
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4983
tccagaaaca attccaagaa cacgctgtat cttcaaatga acagcctgag agccgaggac   60

acggccgtgt attactgtgc gacgtcagtt ctgccttacc atctccactt tgactactgg   120

ggccaggga   129

<210> 4984
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4984

Ser Arg Asn Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Ser Val Leu Pro
            20   25   30

Tyr His Leu His Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 4985

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4985
tccacaaaca attccaacaa cacgctgtat cttcaaatga acagcctgag agccgaggac 60

acggccgtgt attactgtgc gacgtcagtt ctgccttacc atctccactt tgactactgg 120

ggccaggga 129

<210> 4986
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4986

Ser Thr Asn Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Ser Val Leu Pro
20 25 30

Tyr His Leu His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4987
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4987
tacagaaaca attccaagaa cacgctgtat cttaaaatga acagcctgag agccgaggac 60

acggccgtgt attactgtgc gacgtcagtt ctgccttacc atctccactt tgactactgg 120

ggccaggga 129

<210> 4988
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4988

Tyr Arg Asn Asn Ser Lys Asn Thr Leu Tyr Leu Lys Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Ser Val Leu Pro
20 25 30

Tyr His Leu His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 4989
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4989

Cys Ala Arg Val Arg Leu Gly Ile Ala Ala Ala Gln Thr Trp
1 5 10

<210> 4990
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4990
atatcagtag gcatgtccaa gaaccagttc tccctgaagc tgagctctgt gaccgccgcg 60

gacacggctg tgtattactg tgcgagagtc cgcctcggta tagcggcagc ccaaacctgg 120

ggccaggga 129

<210> 4991
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4991

Ile Ser Val Gly Met Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
1 5 10 15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Arg Leu
20 25 30

Gly Ile Ala Ala Ala Gln Thr Trp Gly Gln Gly
35 40

<210> 4992
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4992
atatcagtag gcacgtccaa gaaccagttc tccctgaagc tgagctctgt gaccgccgcg 60

gacacggctg tgtattactg tgcgagagtc cgcctcggta tagcggcagc ccaaacctgg 120

ggccaggga 129

<210> 4993
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4993

Ile Ser Val Gly Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
1 5 10 15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Arg Leu
20 25 30

Gly Ile Ala Ala Ala Gln Thr Trp Gly Gln Gly
35 40

<210> 4994
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4994
atatcagtag acacgtccaa gaaccagttc tccctgaagc tgagctctgt gaccgccgcg 60

gacacggctg tgtattactg tgcgagagtc cgcctcggta tagcagcagc ccaaacctgg 120

ggccaggga 129

<210> 4995
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4995

Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
1 5 10 15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Arg Leu
20 25 30

Gly Ile Ala Ala Ala Gln Thr Trp Gly Gln Gly

35 40

<210> 4996
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4996

Cys Thr Lys Ser Ile Ser Thr Gly Gly Thr Thr Ala Phe Asp Ile Trp
1 5 10 15

<210> 4997
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4997
agaggcaacg ccaagagcac actgtatctg caaatgaaca ctctgagagc cgaggacacg 60

gctatatatt actgtacaaa aagtatatca acaggtggaa ccaccgcttt tgatatctgg 120

ggccaaggg 129

<210> 4998
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4998

Arg Gly Asn Ala Lys Ser Thr Leu Tyr Leu Gln Met Asn Thr Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Ile Tyr Tyr Cys Thr Lys Ser Ile Ser Thr Gly
20 25 30

Gly Thr Thr Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 4999
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 4999
agagacaacg ccaagagcac actgtatctg caaatgaaca ctctgagggc cgaggacacg 60

gctatatatt actgtacaaa aagtatatca acaggtggaa ccaccgcttt tgatatctgg 120

ggccaaggg 129

<210> 5000
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5000

Arg Asp Asn Ala Lys Ser Thr Leu Tyr Leu Gln Met Asn Thr Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Ile Tyr Tyr Cys Thr Lys Ser Ile Ser Thr Gly
20 25 30

Gly Thr Thr Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 5001
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5001
agagacaacg ccaagagcac actgtatctg caaatgaaca ctctgagagc cgaggacacg 60

gctatatatt actgtacaaa aagtatatca acaggtggaa ccaccgcttt tgatatctgg 120

ggccaaggg 129

<210> 5002
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5002

Cys Ala Arg Thr Arg Tyr Trp
1 5

<210> 5003
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5003
atctctgaag accaggctca ccatctccaa ggccacctcc aaaaccaggt ggtccttaca 60

atgaccaaca tggaccctgt ggacacagcc acgtattact gtgcacggac ccggtactgg 120

ggccaggga 129

<210> 5004
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5004

Ile Ser Glu Asp Gln Ala His His Leu Gln Gly His Leu Gln Asn Gln

1 5 10 15

Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr
20 25 30

Tyr Cys Ala Arg Thr Arg Tyr Trp Gly Gln Gly
35 40

<210> 5005
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5005
tctctgaaga ccaggctcac catctccaag gccacctcca aaaaccgggt ggcccttaca 60

atgaccaaca tggaccctgt ggacacagcc acgtattact gtgcacggac ccggtactgg 120

ggccaggga 129

<210> 5006
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5006

Ser Leu Lys Thr Arg Leu Thr Ile Ser Lys Ala Thr Ser Lys Asn Arg
1 5 10 15

Val Ala Leu Thr Met Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr
20 25 30

Tyr Cys Ala Arg Thr Arg Tyr Trp Gly Gln Gly
35 40

<210> 5007

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5007
tctctgaaga ccaggctcac catctccaag gccacctcca aaaaccaggt ggtccttaca 60

atgaccaaca tggaccctgt ggacacagcc acgtattact gtgcacggac ccggtactgg 120

ggccaggga 129

<210> 5008
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5008

Ser Leu Lys Thr Arg Leu Thr Ile Ser Lys Ala Thr Ser Lys Asn Gln
1 5 10 15

Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr
20 25 30

Tyr Cys Ala Arg Thr Arg Tyr Trp Gly Gln Gly
35 40

<210> 5009
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5009

Cys Val Arg Gly Asp Trp Ala Tyr Trp Tyr Phe Asp Leu Trp
1 5 10

<210> 5010
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5010
ttctccagag acaaccccaa gaacacgctg tatctgcaaa tgaacagtct gagagccgag 60

gacacggctg tgtattattg tgtaagaggg gactgggcct actggtactt cgatctctgg 120

ggccgtggc 129

<210> 5011
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5011

Phe Ser Arg Asp Asn Pro Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Gly Asp Trp
20 25 30

Ala Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 5012
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5012
atctccagag acaacgccaa gaacacgctg tatctgcaaa tgaacagtct gagagccgag 60

gacacggctg tgtattattg tgtaagaggg gactgggcct actggtactt cgatctctgg 120

ggccgtggc 129

<210> 5013
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5013

Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Gly Asp Trp
20 25 30

Ala Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 5014
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5014
atctccagac acaaccccaa gaacacgctg tatctgcaaa tgaacagtct gagagccgag 60

gacacggctg tgtattattg tgtaagaggg gactgggcct actggtactt cgatctctgg 120

ggccgtggc 129

<210> 5015
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5015

Ile Ser Arg His Asn Pro Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Gly Asp Trp
20 25 30

Ala Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 5016
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5016

Cys Ala Thr Asn Pro Gly Ser Tyr Val Tyr Phe Val Tyr Trp
1 5 10

<210> 5017
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5017
atctccaggg acaacgccaa gaactccctg tatctgcaaa tcaacagcct gagagccgag 60

gacacggccc tatattactg tgcgacgaat cctgggagct atgtttattt tgtctactgg 120

ggccaggga 129

<210> 5018
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5018

Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Ile Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Thr Asn Pro Gly
            20   25   30

Ser Tyr Val Tyr Phe Val Tyr Trp Gly Gln Gly
        35   40

<210> 5019
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5019
atctccaggg acaacgccaa gaactccctg tatctgcaaa tcaacagcct gagagccgac   60

gacacggccg tgtattactg tgcgacgaat cctgggagct acgtctattt tgtctactgg   120

ggccaggga   129

<210> 5020
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5020

Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Ile Asn Ser
1   5   10   15

Leu Arg Ala Asp Asp Thr Ala Val Tyr Tyr Cys Ala Thr Asn Pro Gly
            20   25   30

Ser Tyr Val Tyr Phe Val Tyr Trp Gly Gln Gly
        35   40

<210> 5021
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5021
atctccaggc acaacgccaa caactccctg tatctgcaaa tcaacagcct gagagccgag   60

gacacggccc tatattactg tgcgacgaat cctgggagct atgtttattt tgtctactgg   120

ggccaggga   129

<210> 5022
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5022

Ile Ser Arg His Asn Ala Asn Asn Ser Leu Tyr Leu Gln Ile Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Thr Asn Pro Gly
            20   25   30

Ser Tyr Val Tyr Phe Val Tyr Trp Gly Gln Gly
        35   40

<210> 5023
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5023

Cys Ala Lys Gly Asp Asp Glu Gly Tyr Tyr Gly Met Asp Val Trp
1 5 10 15

<210> 5024
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5024
tccagagaca acgccaagaa ctccctgtat ctgcaaatga acagtctgag agctgaggac 60

acggccttgt attactgtgc aaaaggggac gacgagggat actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5025
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5025

Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Gly Asp Asp Glu
20 25 30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5026
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5026
tccagagaca accccaacaa ctccctgtat ctgcaaatga acagtctgag agctgaggac 60

acggccttgt attactgtgc aaaaggggac gacgagggat actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5027
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5027

Ser Arg Asp Asn Pro Asn Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Gly Asp Asp Glu
            20 25 30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35 40

<210> 5028
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5028
tccacagaca accccaagaa ctccctgtat ctgcaaatga acagtctgag agctgaggac 60

acggccttgt attactgtgc aaaaggggac gacgagggat actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5029

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5029

Ser Thr Asp Asn Pro Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Gly Asp Asp Glu
20 25 30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5030
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5030

Cys Ala Arg Arg Gly Pro Arg Gly Asp Asn Asp Tyr Trp
1 5 10

<210> 5031
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5031
accatgacct gggacaggtc cacgagcact gtttacttgg aggtcaacag cctcaaatct 60

gacgactcgg ccgtatatta ttgtgcgaga aggggccctc ggggtgacaa tgactactgg 120

ggccaggga 129

<210> 5032
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5032

Thr Met Thr Trp Asp Arg Ser Thr Ser Thr Val Tyr Leu Glu Val Asn
1 5 10 15

Ser Leu Lys Ser Asp Asp Ser Ala Val Tyr Tyr Cys Ala Arg Arg Gly
20 25 30

Pro Arg Gly Asp Asn Asp Tyr Trp Gly Gln Gly
35 40

<210> 5033
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5033
accatgacca gggacaggtc cacgagcact gtttacttgg aggtgaacag cctcaaatct 60

gacgactcgg ccgtatatta ttgtgcgaga aggggccctc ggggtgacaa tgactactgg 120

ggccaggga 129

<210> 5034
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5034

Thr Met Thr Arg Asp Arg Ser Thr Ser Thr Val Tyr Leu Glu Val Asn

1 5 10 15

Ser Leu Lys Ser Asp Asp Ser Ala Val Tyr Tyr Cys Ala Arg Arg Gly
20 25 30

Pro Arg Gly Asp Asn Asp Tyr Trp Gly Gln Gly
35 40

<210> 5035
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5035
accatgacca gggacaggtc cacgagcact gtttacttgg aggtcaacag cctcaaatct 60

gacgactcgg ccgtatatta ttgtgcgaga aggggccctc ggggtgacaa tgactactgg 120

ggccaggga 129

<210> 5036
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5036

Cys Ala Arg Gly Asp Tyr Tyr Tyr Gly Met Asp Val Trp
1 5 10

<210> 5037
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5037

caccatctcc agagaaatgc caagaactcc ttgtatcttc aaatgaacag cctgagagcc 60

ggggacacgg ctgtgtatta ctgtgcaaga ggtgactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5038
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5038

His His Leu Gln Arg Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5039
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5039
accatctcca gagaaaatgc caagaactcc ttgtatcttc aaatgaacag cctgagagcc 60

ggggacacgg ctgtgtatta ctgtgcaaga ggtgactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5040
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5040

Thr Ile Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asp
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5041
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5041
aacatctcca tagaaaatgc caagaactcc ttgtatcttc aaatgaacag cctgagagcc   60

ggggacacgg ctgtgtatta ctgtgcaaga ggtgactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 5042
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5042

Asn Ile Ser Ile Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asp
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5043
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5043

Cys Ala Lys Asp Gly Gly Ser Ser Pro Glu Gly His Asp Ala Phe Asp
1 5 10 15

Ile Trp

<210> 5044
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5044
aacgccaaga actccctgta tctgcaaatg aacagtctga gagctgagga cacggccttg 60

tattactgtg caaaagatgg cggcagttca cctgagggtc atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5045
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5045

Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu

1 5 10 15

Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Gly Gly Ser Ser Pro Glu
20 25 30

Gly His Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 5046
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5046
aacgccaaga actccctgta tctgcaaatg aacagtctga gagctgagga cacggccttg 60

tattactgtg caaaagatgg cggcagctca cctgagggtc atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5047
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5047
aacgccaaga actccccgta tctgcaaatg aacagtctga gagctgagga cacggccttg 60

tattactgtg caaaagatgg cggcagctca cctgagggtc atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5048
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5048

Asn Ala Lys Asn Ser Pro Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Gly Gly Ser Ser Pro Glu
20 25 30

Gly His Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 5049
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5049

Cys Ala Lys Thr Arg Ser Asp Leu Ile Arg Tyr Cys Ser Gly Gly Thr
1 5 10 15

Cys Tyr Phe Phe Asp Ser Trp
20

<210> 5050
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5050
ctgtatctgc aaatgaacag cctgagagcc gaagacgcgg ccgtatatta ctgtgcgaaa 60

acacggagcg acctcatacg atattgtagt ggtggtacct gctacttctt tgactcctgg 120

ggccaggga 129

<210> 5051

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5051

Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Ala Ala Val Tyr
1 5 10 15

Tyr Cys Ala Lys Thr Arg Ser Asp Leu Ile Arg Tyr Cys Ser Gly Gly
20 25 30

Thr Cys Tyr Phe Phe Asp Ser Trp Gly Gln Gly
35 40

<210> 5052
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5052
ctgtatctgc aaatcaacag cctgagagcc gaagacgcgg ccgtatatta ctgtgcgaaa 60

acacggagcg acctcatacg atattgtagt ggtggtacct gctacttctt tgactcctgg 120

ggccaggga 129

<210> 5053
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5053

Leu Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Ala Ala Val Tyr
1 5 10 15

Tyr Cys Ala Lys Thr Arg Ser Asp Leu Ile Arg Tyr Cys Ser Gly Gly
            20   25   30

Thr Cys Tyr Phe Phe Asp Ser Trp Gly Gln Gly
        35   40

<210> 5054
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5054
atgtatctcc aaatgaacag cctgagagcc gaagacgcgg ccgtatatta ctgtgcgaaa 60

acacggagcg acctcatacg atattgtagt ggtggtacct gctacttctt tgactcctgg 120

ggccaggga 129

<210> 5055
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5055

Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Ala Ala Val Tyr
1   5   10   15

Tyr Cys Ala Lys Thr Arg Ser Asp Leu Ile Arg Tyr Cys Ser Gly Gly
            20   25   30

Thr Cys Tyr Phe Phe Asp Ser Trp Gly Gln Gly
        35   40

<210> 5056
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5056

Cys Thr Arg Arg Ile Leu Gly Ser Pro Gly Gly Met Asp Val Trp
1 5 10 15

<210> 5057
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5057
tccagagatg attcaaagaa cacggcgtat ctgcaaatga acagcctgaa aaccgaggac 60

acggccgtgt attactgtac tagacgaatc cttgggtccc cgggcggtat ggacgtctgg 120

ggccaaggg 129

<210> 5058
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5058

Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Arg Ile Leu Gly
20 25 30

Ser Pro Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5059

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5059
tccagagatc attcaaacaa cacggcgtat ctgcaaatga acagcctgaa aaccgaggac 60

acggccgtgt attactgtac tagacgaatc cttgggtccc cgggcggtat ggacgtctgg 120

ggccaaggg 129

<210> 5060
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5060

Ser Arg Asp His Ser Asn Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Arg Ile Leu Gly
20 25 30

Ser Pro Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5061
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5061
tccacagatg attcaaacaa cacggcgtat ctgcaaatga acagcctgaa aaccgaggac 60

acggccgtgt attactgtac tagacgaatc cttgggtccc cgggcggtat ggacgtctgg 120

ggccaaggg 129

<210> 5062
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5062

Ser Thr Asp Asp Ser Asn Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Arg Ile Leu Gly
20 25 30

Ser Pro Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5063
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5063

Cys Ala Arg Asp Ala Pro Thr Tyr Tyr Tyr His Ser Ser Gly Tyr Tyr
1 5 10 15

Phe Trp His Phe Asp Leu Trp
20

<210> 5064
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5064
gtctatatgg aactgaccag cctgacactt gacgacacgg ccgtctatta ctgtgcgaga 60

gatgcgccaa catattatta tcatagcagt ggttattatt tctggcactt cgatctgtgg 120

ggccgtggc 129

<210> 5065
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5065

Val Tyr Met Glu Leu Thr Ser Leu Thr Leu Asp Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Asp Ala Pro Thr Tyr Tyr Tyr His Ser Ser Gly Tyr
20 25 30

Tyr Phe Trp His Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 5066
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5066
gtctatatgg aactgaccag cctgacactt gacgacacgg ccgtctatta ctgtgcgaga 60

gatgcgccaa catattatta tcatagcagt ggttattatt tctggcactt cgatctctgg 120

ggccgtggc 129

<210> 5067
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5067
gtctatatgg aactgaccag cctgacacct gacgacacgg ccgtctatta ctgtgcgaga 60

gatgcgccaa catattatta tcatagcagt ggttattatt tctggcactt cgatctctgg 120

ggccgtggc 129

<210> 5068
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5068

Val Tyr Met Glu Leu Thr Ser Leu Thr Pro Asp Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Asp Ala Pro Thr Tyr Tyr Tyr His Ser Ser Gly Tyr
20 25 30

Tyr Phe Trp His Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 5069
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5069

Cys Gly Val Trp Ser Gly Arg Asn Gly Met Asp Leu Trp
1 5 10

<210> 5070

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5070
accatgacca gggacacctc cataaacaca gcctacatgg agctgagcag cctgaaatct 60

gaggacacgg ccgtgtatta ctgtggcgtc tggagtggcc gaaacggtat ggacctctgg 120

ggccaaggg 129

<210> 5071
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5071

Thr Met Thr Arg Asp Thr Ser Ile Asn Thr Ala Tyr Met Glu Leu Ser
1 5 10 15

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

Gly Arg Asn Gly Met Asp Leu Trp Gly Gln Gly
35 40

<210> 5072
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5072
accatgacca ggcacacctc cataaacaca gcctacatgg agctgagcag ccttaaatct 60

gaggacacgg ccgtgtatta ctgtggcgtc tggagtggcc gaaacggtat ggacctctgg 120

ggccaaggg 129

<210> 5073
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5073

Thr Met Thr Arg His Thr Ser Ile Asn Thr Ala Tyr Met Glu Leu Ser
1 5 10 15

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

Gly Arg Asn Gly Met Asp Leu Trp Gly Gln Gly
35 40

<210> 5074
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5074
accatgacca ggcacacctc cataaacaca gcctacatgg agctgagcag cctgaaatct 60

gaggacacgg ccgtgtatta ctgtggcgtc tggagtggcc gaaacggtat ggacctctgg 120

ggccaaggg 129

<210> 5075
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5075

Cys Ala Arg Leu Gly Phe Trp Ser Gly Leu Asp Tyr Trp
1   5   10

<210> 5076
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5076
accatctcaa gagatgattc aaagaactca ctgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtgctaga cttgggtttt ggagtggttt ggactactgg 120

ggccaggga 129

<210> 5077
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5077

Thr Ile Ser Arg Asp Asp Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Gly
            20   25   30

Phe Trp Ser Gly Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5078
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5078
accatctcaa gagatgattc aaagaactca ctgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgcgtatta ctgtgctaga cttgggtttt ggagtggttt ggactactgg 120

ggccaggga 129

<210> 5079
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5079

Thr Ile Ser Arg Asp Asp Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Ala Tyr Tyr Cys Ala Arg Leu Gly
20 25 30

Phe Trp Ser Gly Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 5080
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5080
accatctcaa gacattattc aaagaactca ctgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtatta ctgtgctaga cttgggtttt ggagtggttt ggactactgg 120

ggccaggga 129

<210> 5081
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5081

Thr Ile Ser Arg His Tyr Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Gly
20 25 30

Phe Trp Ser Gly Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 5082
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5082

Cys Thr Arg His Ala Gly Ala Ile Gly Tyr Trp
1 5 10

<210> 5083
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5083
tggttcacca tctccagaga tgattcaaag aacacggcgt atctgcaaat gaacagcctg 60

aaacccgagg acacggccgt gtattactgt actagacatg cgggggcgat aggctactgg 120

ggccaggga 129

<210> 5084

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5084

Trp Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg
20 25 30

His Ala Gly Ala Ile Gly Tyr Trp Gly Gln Gly
35 40

<210> 5085
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5085
tggttcacca tctccagaga tgattcaaag aacacggcgt atctgcaaat gaacagcctg 60

aaaaccgagg acacggccgt gtattactgt actagacatg cgggggcgat aggctactgg 120

ggccaggga 129

<210> 5086
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5086

Trp Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg
            20   25   30

His Ala Gly Ala Ile Gly Tyr Trp Gly Gln Gly
        35   40

<210> 5087
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5087
aggttcacca tctccagaga tgattcaaag aacacggcgt atctgcaaat gaacagcctg 60

aaaaccgagg acacggccgt gtattactgt actagacatg cgggggcgat aggctactgg 120

ggccaggga 129

<210> 5088
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5088

Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln
1   5   10   15

Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg
            20   25   30

His Ala Gly Ala Ile Gly Tyr Trp Gly Gln Gly
        35   40

<210> 5089
<211> 17
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5089

Cys Ala Arg Gly Asn Leu Tyr Tyr Tyr Gly Ser Gly Ser Tyr Val Pro
1   5   10   15

Trp

<210> 5090
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5090
gacaacgcca agaactcgct gtatctgcaa atgagcagcc tgagagccga cgacacggcc   60

gtgtattact gtgcgagagg gaacctgtat tactatggtt cagggagtta tgtcccctgg   120

ggccaggga   129

<210> 5091
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5091

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Ser Ser Leu Arg Ala
1   5   10   15

Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asn Leu Tyr Tyr Tyr
            20   25   30

Gly Ser Gly Ser Tyr Val Pro Trp Gly Gln Gly

35 40

<210> 5092
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5092
gacaacgcca agaactcact gtatctgcaa atgaacagcc tgagagccga cgacgcggcc 60

gtgtattact gtgcgagagg gaacctgtat tactatggtt cagggagtta tgtcccctgg 120

ggccaggga 129

<210> 5093
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5093

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Asp Asp Ala Ala Val Tyr Tyr Cys Ala Arg Gly Asn Leu Tyr Tyr Tyr
20 25 30

Gly Ser Gly Ser Tyr Val Pro Trp Gly Gln Gly
35 40

<210> 5094
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5094

gacaacgcca agaactcact gtatctgcaa atgaacagcc tgagagccga cgacacggcc 60

gtgtattact gtgcgagagg gaacctgtat tactatggtt cagggagtta tgtcccctgg 120

ggccaggga 129

<210> 5095
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5095

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asn Leu Tyr Tyr Tyr
20 25 30

Gly Ser Gly Ser Tyr Val Pro Trp Gly Gln Gly
35 40

<210> 5096
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5096

Cys Ala Arg Asp Pro Arg Asn Leu Asp Tyr Tyr Tyr Asp Ser Ser Gln
1 5 10 15

Thr Pro Ala Asp Ala Phe Asp Ile Trp
20 25

<210> 5097
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5097
atggtgctgt ggagcctgag atctgacgac acggccgtgt attactgtgc gagagatccc 60

cgaaacttag actattacta tgatagtagt cagacacccg ccgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5098
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5098

Met Val Leu Trp Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Asp Pro Arg Asn Leu Asp Tyr Tyr Tyr Asp Ser Ser Gln Thr
20 25 30

Pro Ala Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 5099
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5099
atggtgctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagagatccc 60

cgaaacttag actattacta tgatagtagt cagacacccg ccgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5100
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5100

Met Val Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Asp Pro Arg Asn Leu Asp Tyr Tyr Tyr Asp Ser Ser Gln Thr
            20   25   30

Pro Ala Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 5101
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5101
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagagatccc   60

cgaaacttag actattacta tgatagtagt cagacacccg ccgatgcttt tgatatctgg   120

ggccaaggg   129

<210> 5102
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5102

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys

1 5 10 15

Ala Arg Asp Pro Arg Asn Leu Asp Tyr Tyr Tyr Asp Ser Ser Gln Thr
20 25 30

Pro Ala Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 5103
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5103

Cys Ala Arg Thr Lys Thr Ser Gly Tyr Asp Ser Ser Phe Asp Tyr Trp
1 5 10 15

<210> 5104
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5104
agagatgatt ccaagaacac cttgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccatatatt actgtgcgag aactaaaact agtggctacg attcgtcctt tgactactgg 120

ggccaggga 129

<210> 5105
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5105

```
Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1               5                   10                  15


Ala Glu Asp Thr Ala Ile Tyr Tyr Cys Ala Arg Thr Lys Thr Ser Gly
            20                  25                  30


Tyr Asp Ser Ser Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  5106
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  5106
agagataatt ccaagaacac cttgtatttg caaatgaaca gcctgagagc cgaggacacg       60

gccatatatt actgtgcgag aactaaaacc agtggctacg attcgtcctt tgactactgg      120

ggccaggga                                                              129


<210>  5107
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  5107

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1               5                   10                  15


Ala Glu Asp Thr Ala Ile Tyr Tyr Cys Ala Arg Thr Lys Thr Ser Gly
            20                  25                  30


Tyr Asp Ser Ser Phe Asp Tyr Trp Gly Gln Gly
        35                  40
```

<210> 5108
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5108
agagataatt ccaagaacac cttgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccatatatt actgtgcgag aactaaaact agtggctacg attcgtcctt tgactactgg 120

ggccaggga 129

<210> 5109
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5109

Cys Ala Arg His Val Gly Tyr Gly Asn Asn Trp Phe Asp Pro Trp
1 5 10 15

<210> 5110
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5110
tcagtagaca cgtccaagaa ccagttctcc ctgaagttga gctctgtgac cgccgcagac 60

acggccatgt attactgtgc gagacatgta ggctatggga acaactggtt cgacccctgg 120

ggccaggga 129

<210> 5111
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5111

Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val
1   5   10   15

Thr Ala Ala Asp Thr Ala Met Tyr Tyr Cys Ala Arg His Val Gly Tyr
            20   25   30

Gly Asn Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 5112
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5112
tcagtagaca cgtccgagaa ccacttctcc ctgagtctga cctctgtgac cgccgcagac   60

acggccgtgt attactgtgc gagacatgtt ggctacggga acaactggtt cgacccctgg   120

ggccaggga   129

<210> 5113
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5113

Ser Val Asp Thr Ser Glu Asn His Phe Ser Leu Ser Leu Thr Ser Val
1   5   10   15

Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg His Val Gly Tyr

20 25 30

Gly Asn Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5114
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5114
tcagtagaca cgtccaagaa ccacttctcc ctgagtctga gctctgtgac cgccgcagac 60

acggccgtgt attactgtgc gagacatgta ggctacggga acaactggtt cgacccctgg 120

ggccaggga 129

<210> 5115
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5115

Ser Val Asp Thr Ser Lys Asn His Phe Ser Leu Ser Leu Ser Ser Val
1 5 10 15

Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg His Val Gly Tyr
20 25 30

Gly Asn Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5116
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5116

Cys Ala Lys Gly Glu Phe Arg Asn Tyr Asp Phe Trp Ser Gly Tyr Leu
1   5   10   15

Asp Gly Met Asp Val Trp
            20

<210> 5117
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5117
tcgatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg   60

aaaggagagt tccggaatta cgatttttgg agtggttatt tggacggtat ggacgtctgg   120

ggccaaggg   129

<210> 5118
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5118

Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Lys Gly Glu Phe Arg Asn Tyr Asp Phe Trp Ser Gly
            20   25   30

Tyr Leu Asp Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5119
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5119
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaaggagagt tccggaatta cgatttttgg agtggttatt tggacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5120
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5120

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Gly Glu Phe Arg Asn Tyr Asp Phe Trp Ser Gly
20 25 30

Tyr Leu Asp Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5121
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5121
acgctgtatc tccaaatcaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaaggagagt tccggaatta cgatttttgg agtggttatt tggacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5122
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5122

Thr Leu Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Gly Glu Phe Arg Asn Tyr Asp Phe Trp Ser Gly
20 25 30

Tyr Leu Asp Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5123
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5123

Cys Ala His Gly Leu Gly Gly Trp Asp Gly Gln Tyr Phe Asp His Trp
1 5 10 15

<210> 5124
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5124

aaggacacgt ccaataacca ggtggtcctt agaatgacca acatggaccc tgcagacaca 60

gccacatatt actgtgcaca cggtcttgga ggctgggatg ggcagtattt tgaccactgg 120

gggcaggga 129

<210> 5125
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5125

Lys Asp Thr Ser Asn Asn Gln Val Val Leu Arg Met Thr Asn Met Asp
1 5 10 15

Pro Ala Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Leu Gly Gly Trp
20 25 30

Asp Gly Gln Tyr Phe Asp His Trp Gly Gln Gly
35 40

<210> 5126
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5126
aaggacacgt ccaaaaacca ggtggtgctt agaatgacca acatgaaccc tgcggacaca 60

gccacatatt actgtgcaca cggtcttgga ggctgggatg ggcagtattt tgaccactgg 120

gggcaggga 129

<210> 5127
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5127

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Arg Met Thr Asn Met Asn
1   5   10   15

Pro Ala Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Leu Gly Gly Trp
            20   25   30

Asp Gly Gln Tyr Phe Asp His Trp Gly Gln Gly
        35   40

<210> 5128
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5128
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca   60

gccacatatt actgtgcaca cggtcttgga ggctgggatg ggcagtattt tgaccactgg   120

gggcaggga   129

<210> 5129
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5129

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1   5   10   15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Leu Gly Gly Trp
            20   25   30

Asp Gly Gln Tyr Phe Asp His Trp Gly Gln Gly
        35   40

<210> 5130
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5130

Cys Ala Thr Ser Gly Ser Tyr Tyr Cys Phe Gly Tyr Trp
1   5   10

<210> 5131
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5131
accatctcca tatataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc   60

gaggacacgg ccgtatatta ctgtgcgacc agtgggagct actattgttt cggctactgg   120

ggccaggga   129

<210> 5132
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5132

Thr Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Ser Gly

20 25 30

Ser Tyr Tyr Cys Phe Gly Tyr Trp Gly Gln Gly
35 40

<210> 5133
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5133
accatctcca tacataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgacc agtgggagct actattgttt cggctactgg 120

ggccaggga 129

<210> 5134
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5134

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Ser Gly
20 25 30

Ser Tyr Tyr Cys Phe Gly Tyr Trp Gly Gln Gly
35 40

<210> 5135
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5135
accatctcca gagataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgacc agtgggagct actattgttt cggctactgg 120

ggccaggga 129

<210> 5136
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5136

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Ser Gly
            20   25   30

Ser Tyr Tyr Cys Phe Gly Tyr Trp Gly Gln Gly
        35   40

<210> 5137
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5137

Cys Ala Lys Gly Tyr Gly Ser Gly Ser Tyr Asn Pro Gly Asn Phe Asp
1   5   10   15

Tyr Trp

<210> 5138
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5138
tattccaaga acacgctgtt tctgcaaatg aacagcctga gagccgagga cacggccgta 60

tattattgtg cgaaaggtta tggttcaggg agttataatc ccggaaactt tgactactgg 120

ggccaggga 129

<210> 5139
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5139

Tyr Ser Lys Asn Thr Leu Phe Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Tyr Gly Ser Gly Ser Tyr
            20 25 30

Asn Pro Gly Asn Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 5140
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5140
acttccaaga acacgctgtt tctgcaaatg aacagcctga gagccgagga cacggccgta 60

tattattgtg cgaaaggtta tggttcaggg agttataatc ccggaaactt tgactactgg 120

ggccaggga 129

<210> 5141
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5141

Thr Ser Lys Asn Thr Leu Phe Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Tyr Gly Ser Gly Ser Tyr
20 25 30

Asn Pro Gly Asn Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5142
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5142
aattccaaga acacgctgtt tctgcaaatg aacagcctga gagccgagga cacggccgta 60

tattattgtg cgaaaggtta tggttcaggg agttataatc ccggaaactt tgactactgg 120

ggccaggga 129

<210> 5143
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5143

Asn Ser Lys Asn Thr Leu Phe Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Tyr Gly Ser Gly Ser Tyr
20 25 30

Asn Pro Gly Asn Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5144
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5144

Cys Ala Arg Glu Gly Ala Asp Tyr Asp Ser Val Ser Gln Tyr Tyr Tyr
1 5 10 15

Tyr Gly Met Asp Val Trp
20

<210> 5145
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5145
acagtctaca tggagctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg 60

agagaggggg ccgactatga tagtgtcagc caatactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5146

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5146

Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Glu Gly Ala Asp Tyr Asp Ser Val Ser Gln Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5147
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5147
acagtctaca tggagctgag cagcctgaga tctgaggaca cggccgtgta ctactgtgcg 60

agagaggggg ccgactatga tagtgtcagc caatactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5148
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5148
aaagtctaca tggagctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg 60

agagaggggg ccgactatga tagtgtcagc caatactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5149
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5149

Lys Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Glu Gly Ala Asp Tyr Asp Ser Val Ser Gln Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5150
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5150

Cys Val Arg Gly Gly Gly Gly Ser Gly Ser Ser Pro Pro Phe Glu Tyr
1 5 10 15

Trp

<210> 5151
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5151
gacacgtcca cgagcacatt ctacatggag ctgagcagcc tgaggtctga ggacacggcc 60

gtgtattatt gtgtgagagg gggcggcggt tcagggagct ccccaccttt tgaatactgg 120

ggccaggga 129

<210> 5152
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5152

Asp Thr Ser Thr Ser Thr Phe Tyr Met Glu Leu Ser Ser Leu Arg Ser
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Gly Gly Gly Gly Ser Gly
20 25 30

Ser Ser Pro Pro Phe Glu Tyr Trp Gly Gln Gly
35 40

<210> 5153
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5153
gacacgtcca cgagcacatt ctacatggag ctgagcagcc tgagggctga ggacacggcc 60

gtgtattatt gtgtgagagg gggcggcggt tcagggagct ccccaccttt tgaatactgg 120

ggccaggga 129

<210> 5154
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5154

Asp Thr Ser Thr Ser Thr Phe Tyr Met Glu Leu Ser Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Gly Gly Gly Gly Ser Gly
            20   25   30

Ser Ser Pro Pro Phe Glu Tyr Trp Gly Gln Gly
        35   40

<210> 5155
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5155
gacacgccca cgagcacatt ctacatggag ctgagcagcc tgaggtctga ggacacggcc   60

gtgtattatt gtgtgagagg gggcggcggt tcagggagct ccccaccttt tgaatactgg   120

ggccaggga   129

<210> 5156
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5156

Asp Thr Pro Thr Ser Thr Phe Tyr Met Glu Leu Ser Ser Leu Arg Ser
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Gly Gly Gly Gly Ser Gly

20 25 30

Ser Ser Pro Pro Phe Glu Tyr Trp Gly Gln Gly
35 40

<210> 5157
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5157

Cys Ala Arg Ala Gly Trp Arg Leu Gln Val Pro Phe Cys Asp Tyr Trp
1 5 10 15

<210> 5158
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5158
tgggacaacg ccaagaactc actgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtgtatt actgtgcgag ggctggttgg agactgcaag tccccttttg tgactactgg 120

ggccaggga 129

<210> 5159
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5159

Trp Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Gly Trp Arg Leu
            20   25   30

Gln Val Pro Phe Cys Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5160
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5160
agggacaacg ccaagaactc actgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtgtatt actgtgcgag ggctggttgg agactgcaag tccccttttg tgactactgg 120

ggccaggga 129

<210> 5161
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5161

Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Gly Trp Arg Leu
            20   25   30

Gln Val Pro Phe Cys Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5162
<211> 17
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5162

Cys Ala Lys Gly Pro Trp Asp Ser Ser Gly Trp Tyr Tyr Phe Asp Tyr
1   5   10   15

Trp

<210> 5163
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5163
tataattcca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc   60

gtatattact gtgcgaaagg tccttgggat agcagtggct ggtactactt tgactactgg   120

ggccaggga   129

<210> 5164
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5164

Tyr Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Pro Trp Asp Ser Ser
            20   25   30

Gly Trp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly

35 40

<210> 5165
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5165
gataattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaagg tccttgggat agcagtggct ggtactactt tgactactgg 120

ggccaggga 129

<210> 5166
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5166

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Pro Trp Asp Ser Ser
20 25 30

Gly Trp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5167
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5167

Cys Ala Arg Asp Arg Ser Ile Thr Ile Phe Gly Val Ala Pro Leu Asp
1   5   10   15

Gly Tyr Gly Met Asp Val Trp
            20

<210> 5168
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5168
ctttatattc aaatgaacag cctgagagcc gaggacacgg ccgtgtatta ctgtgcgaga 60

gatcggagta ttacgatttt tggagtggcc cccctcgacg ggtacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5169
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5169

Leu Tyr Ile Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr
1   5   10   15

Tyr Cys Ala Arg Asp Arg Ser Ile Thr Ile Phe Gly Val Ala Pro Leu
            20   25   30

Asp Gly Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5170
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5170
ctgtatcttc aaatgaacag cctgagagcc gaggacacgg ccgtgtatta ctgtgcgaga 60

gatcggagta ttacgatttt tggagtggcc cccctcgacg ggtacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5171
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5171

Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Asp Arg Ser Ile Thr Ile Phe Gly Val Ala Pro Leu
20 25 30

Asp Gly Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5172
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5172

Cys Ala Thr Leu Leu Leu Arg Gly Lys Leu Asp Val Trp
1 5 10

<210> 5173

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5173
agcatcaacc cagacacatc caagaacctg ttctccctgc agctgaactc tgtgactccc 60

gaggacacgg ctgtttatta ctgtgcaaca ttattgcttc gggggaagtt ggacgtctgg 120

ggccaaggg 129

<210> 5174
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5174

Ser Ile Asn Pro Asp Thr Ser Lys Asn Leu Phe Ser Leu Gln Leu Asn
1 5 10 15

Ser Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Leu Leu
20 25 30

Leu Arg Gly Lys Leu Asp Val Trp Gly Gln Gly
35 40

<210> 5175
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5175
accatcaacc cagacacatc caagaaccag ttctccctgc agttgaactc tgtgactccc 60

gaggatacgg gtgtttatta ctgtgcaaca ttattgcttc gggggaagtt ggacgtctgg 120

ggccaaggg 129

<210> 5176
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5176

Thr Ile Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn
1 5 10 15

Ser Val Thr Pro Glu Asp Thr Gly Val Tyr Tyr Cys Ala Thr Leu Leu
20 25 30

Leu Arg Gly Lys Leu Asp Val Trp Gly Gln Gly
35 40

<210> 5177
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5177

Cys Ala Arg Val Trp Ser Ser Ser Ser Val Phe Asp Tyr Trp
1 5 10

<210> 5178
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5178
ttgaccacac acacatccac gagcacagcc tacatggagc tgaggagcct gagatctgac 60

gacacggccg tgtattactg tgcgagagtt tggagcagct cgtccgtctt tgactactgg 120

ggccaggga 129

<210> 5179
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5179

Leu Thr Thr His Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser
1 5 10 15

Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Trp Ser
20 25 30

Ser Ser Ser Val Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5180
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5180
atgaccacag acacatccac gagcacagcc tacatggagc tgaggagcct gagatctgac 60

gacacggccg tgtattactg tgcgagagtt tggagcagct cgtccgtctt tgactactgg 120

ggccaggga 129

<210> 5181
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5181

Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser
1 5 10 15

Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Trp Ser
20 25 30

Ser Ser Ser Val Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5182
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5182

Cys Ala Arg Ser Asp Tyr Tyr Asp Ser Ser Gly Tyr Arg Asn Trp
1 5 10 15

<210> 5183
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5183
ctccaaggac acctccaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacgt attactgtgc acgatcggat tactatgata gtagtggtta tcgtaactgg 120

ggccaggga 129

<210> 5184
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5184

Leu Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met
1   5   10   15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ser Asp Tyr Tyr
            20   25   30

Asp Ser Ser Gly Tyr Arg Asn Trp Gly Gln Gly
        35   40

<210> 5185
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5185
tccaaggaca cctccaaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac   60

acagccacgt attactgtgc acgatcggat tactatgata gtagtggtta tcgtaactgg   120

ggccaggga   129

<210> 5186
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5186

Ser Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met
1   5   10   15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ser Asp Tyr Tyr
            20   25   30

Asp Ser Ser Gly Tyr Arg Asn Trp Gly Gln Gly
        35   40

<210> 5187
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5187

Cys Thr Thr Asp Arg Pro Ser Tyr Tyr Asp Phe Trp Arg Pro Asp Phe
1   5   10   15

Asp Tyr Trp

<210> 5188
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5188
tcaaaaaaca cgctgtatct gcaaatgaac agcctgaaaa ccgaggacac agccgtgtat   60

tactgtacca cagatcggcc cagttattac gatttttgga ggccggactt tgactactgg   120

ggccaggga   129

<210> 5189
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5189

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp

1 5 10 15

Thr Ala Val Tyr Tyr Cys Thr Thr Asp Arg Pro Ser Tyr Tyr Asp Phe
20 25 30

Trp Arg Pro Asp Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5190
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5190
ttcaaaaaca cgctgtatct gcaaatgaac agcctgaaaa ccgaggacac agccgtgtat 60

tactgtacca cagatcggcc cagttattac gatttttgga ggccggactt tgactactgg 120

ggccaggga 129

<210> 5191
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5191

Phe Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Thr Thr Asp Arg Pro Ser Tyr Tyr Asp Phe
20 25 30

Trp Arg Pro Asp Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5192

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5192

Cys Thr Thr Pro Phe Phe Arg Leu Pro Gln Ala Trp
1 5 10

<210> 5193
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5193
ttcaccatct caagagatga ttcaaaaaac atggtgtatc tgcaaatgaa cagcctgaaa 60

accgaggaca cagccgtgta ttattgtacc acccctttct tccggctgcc ccaggcctgg 120

ggcctggga 129

<210> 5194
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5194

Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Met Val Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Pro
20 25 30

Phe Phe Arg Leu Pro Gln Ala Trp Gly Leu Gly
35 40

<210> 5195
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5195
ttcaccatct caagagatga ttcaaaaaac atggtgtatc tgcaaatgaa caacctgaaa 60

accgaggaca cagccgtgta ttattgtacc acccctttct tccggctgcc ccaggcctgg 120

ggcctggga 129

<210> 5196
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5196

Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Met Val Tyr Leu Gln Met
1 5 10 15

Asn Asn Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Pro
20 25 30

Phe Phe Arg Leu Pro Gln Ala Trp Gly Leu Gly
35 40

<210> 5197
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5197

Cys Thr Ser Pro Tyr Lys Tyr Gly Ser Gly Ser Tyr Tyr Asp Tyr Tyr

1 5 10 15

Tyr Tyr Gly Met Asp Val Trp
20

<210> 5198
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5198
gcgtatctgc aaatgaacag cctgaaaacc gaggacacgg ccgtgtatta ctgtactagc 60

ccttacaaat atggttcggg gagttattac gactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5199
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5199

Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Thr Ser Pro Tyr Lys Tyr Gly Ser Gly Ser Tyr Tyr Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5200
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5200
gagtatctgc aaatcaacag cctgaaaacc gaggacacgg ccgtgtatta ctgtactagc 60

ccttacaaat atggttcggg gagttattac gactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5201
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5201

Glu Tyr Leu Gln Ile Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr
1   5   10   15

Tyr Cys Thr Ser Pro Tyr Lys Tyr Gly Ser Gly Ser Tyr Tyr Asp Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5202
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5202

Cys Thr Thr Pro Gly Asp Gly Pro Asn Asp Tyr Trp
1   5   10

<210> 5203
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5203
ttcaccatct caagagatga ttcaaaaaac gcgctgtatc tgcaaatgaa cagcctgaaa 60

accgaggaca cagccgtgta ttactgtacc acacctggtg acggacccaa tgactactgg 120

ggccaggga 129

<210> 5204
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5204

Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Ala Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Pro
            20   25   30

Gly Asp Gly Pro Asn Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5205
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5205
ttcaccatct caagagatga ttcaaaaaac acgctgtatc tgcaaatgaa cagcctgaaa 60

accgaggaca cagccgtgta ttactgtacc acacctggtg acggacccaa tgactactgg 120

ggccaggga 129

<210> 5206
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5206

Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Pro
            20   25   30

Gly Asp Gly Pro Asn Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5207
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5207

Cys Ala Lys Asp Arg Ser Gly Trp Asn Gly Gly Phe His Phe Trp
1   5   10   15

<210> 5208
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5208
ctccagagat acttccaaaa tacactttat ctacaaatga acagcctgag ggccgaggac   60

acggccgtat attactgtgc gaaagatcgc agtggctgga acgggggatt ccacttctgg   120

ggccagggc 129

<210> 5209
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5209

Leu Gln Arg Tyr Phe Gln Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Ser Gly
20 25 30

Trp Asn Gly Gly Phe His Phe Trp Gly Gln Gly
35 40

<210> 5210
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5210
tccagagata cttccaaaaa tacactttat ctacaaatga acagcctgag ggccgaggac 60

acggccgtat attactgtgc gaaagatcgc agtggctgga acgggggatt ccacttctgg 120

ggccagggc 129

<210> 5211
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5211

Ser Arg Asp Thr Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Ser Gly
            20   25   30

Trp Asn Gly Gly Phe His Phe Trp Gly Gln Gly
        35   40

<210> 5212
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5212

Cys Ala Lys Ser Thr Asp Phe Trp Ser Gly Gly Phe Asp Ser Trp
1   5   10   15

<210> 5213
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5213
tccagagaca attccaagga cacgctgtat ctgcagatgg acagcctgag agtcgaggac 60

acggccgtat attactgtgc aaagtctacc gatttttgga gtggtggttt tgactcctgg 120

ggccaggga 129

<210> 5214
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5214

Ser Arg Asp Asn Ser Lys Asp Thr Leu Tyr Leu Gln Met Asp Ser Leu
1 5 10 15

Arg Val Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ser Thr Asp Phe
20 25 30

Trp Ser Gly Gly Phe Asp Ser Trp Gly Gln Gly
35 40

<210> 5215
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5215
tccagacaca attccacgga cacgctgtat ctgcagatgg acagcctgag agtcgaggac 60

acggccgtat attactgtgc aaagtctacc gatttttgga gtggtggttt tgactcctgg 120

ggccaggga 129

<210> 5216
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5216

Ser Arg His Asn Ser Thr Asp Thr Leu Tyr Leu Gln Met Asp Ser Leu
1 5 10 15

Arg Val Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ser Thr Asp Phe
20 25 30

Trp Ser Gly Gly Phe Asp Ser Trp Gly Gln Gly

35 40

<210> 5217
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5217

Cys Ala Arg Asp Arg Asp Phe Arg Asp Leu Asp Tyr Trp
1 5 10

<210> 5218
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5218
atcatcaacc cagacacatc caggaaccag ttctccctgc agctgaactc tgtgactccc 60

gcggacacgg ctgtgtatta ctgtgcaaga gatagggatt tcagggatct tgactactgg 120

ggccaggga 129

<210> 5219
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5219

Ile Ile Asn Pro Asp Thr Ser Arg Asn Gln Phe Ser Leu Gln Leu Asn
1 5 10 15

Ser Val Thr Pro Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg
20 25 30

Asp Phe Arg Asp Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 5220
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5220
atcatcaacc cagacacatc caagaaccag ttctccctgc agctgaactc tgtgactccc 60

gcggacacgg ctgtgtatta ctgtgcaaga gatagggatt tcagggatct tgactactgg 120

ggccaggga 129

<210> 5221
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5221

Ile Ile Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn
1 5 10 15

Ser Val Thr Pro Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg
20 25 30

Asp Phe Arg Asp Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 5222
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5222

Cys Ala Arg Pro Ala Ser Ser Ser Gly Trp Tyr Gly Gly Leu Asp Tyr
1 5 10 15

Trp

<210> 5223
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5223
gacaagtcta tcaccaccgc ctacctgcag tggagcagcc tgaaggcctc ggacaccgcc 60

atgtattact gtgcgagacc agcatctagc agtggctggt acggaggatt ggactactgg 120

ggccaggga 129

<210> 5224
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5224

Asp Lys Ser Ile Thr Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala
1 5 10 15

Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Pro Ala Ser Ser Ser Gly
20 25 30

Trp Tyr Gly Gly Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 5225

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5225
gacaagtcca tcagcaccgc ctacctgcag tggagcagcc tgaaggcctc ggacaccgcc 60

atgtatttct gtgcgagacc agcatctagc agtggctggt acggaggatt ggactactgg 120

ggccaggga 129

<210> 5226
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5226

Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala
1 5 10 15

Ser Asp Thr Ala Met Tyr Phe Cys Ala Arg Pro Ala Ser Ser Ser Gly
20 25 30

Trp Tyr Gly Gly Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 5227
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5227

Cys Ala Lys Asp Met Gln Asn Phe Asp Tyr Trp
1 5 10

<210> 5228
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5228
cggttcacca tctccagaga caattccaag aacacgctgt atctgcaaat gaacagcctg 60

agagccgagg acacggccgt atattactgt gcgaaagaca tgcaaaactt tgactactgg 120

ggccaggga 129

<210> 5229
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5229

Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
            20 25 30

Asp Met Gln Asn Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 5230
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5230
cggttcacca tctccagaca caattccaag aacacgctgt atctgcaaat caacagcctg 60

agagccgagg acacggccgt atattactgt gcgaaagaca tgcaaaactt tgactactgg 120

ggccaggga 129

<210> 5231
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5231

Arg Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
20 25 30

Asp Met Gln Asn Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5232
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5232

Cys Ala Lys Ala Lys Glu Gly Trp Leu Phe Arg Gly Tyr Phe Asp Tyr
1 5 10 15

Trp

<210> 5233
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5233
gacaattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaagc gaaggagggg tggttatttc gggggtactt tgactactgg 120

ggccaggga 129

<210> 5234
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5234

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ala Lys Glu Gly Trp Leu
            20   25   30

Phe Arg Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5235
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5235
gacaattcca agaacacgct gtatctacaa ataaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaagc gaaggagggg tggttatttc gggggtactt tgactactgg 120

ggccaggga 129

<210> 5236

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5236

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Ile Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ala Lys Glu Gly Trp Leu
20 25 30

Phe Arg Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5237
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5237

Cys Ala Arg Met Val Ala Pro Ile Tyr Tyr Phe Tyr Gly Met Asp Val
1 5 10 15

Trp

<210> 5238
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5238
gacacctcca gaaaccaggt ggtccttaca atgaccaacg tggaccctgt ggacacagcc 60

acgtattact gtgcacggat ggtggccccc atctactact tctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5239
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5239

Asp Thr Ser Arg Asn Gln Val Val Leu Thr Met Thr Asn Val Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Met Val Ala Pro Ile Tyr
20 25 30

Tyr Phe Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5240
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5240
gacaccccca gaaaccaggt ggtccttaca atgaccaacg tggaccctgt ggacacagcc 60

acgtgttact gtgcacggat ggtggccccc atctactact tctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5241
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5241

Asp Thr Pro Arg Asn Gln Val Val Leu Thr Met Thr Asn Val Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Cys Tyr Cys Ala Arg Met Val Ala Pro Ile Tyr
20 25 30

Tyr Phe Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5242
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5242

Cys Ala Arg Val Arg Asp Gly Ala Leu Leu Asp Tyr Trp
1 5 10

<210> 5243
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5243
acgattaccg cggacaaatc cacgagcaca gcctacatgg agctgagcag cctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga gtgagggacg gtgccctact tgactactgg 120

ggccgggga 129

<210> 5244
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5244

Thr Ile Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser
1   5   10   15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Arg
            20   25   30

Asp Gly Ala Leu Leu Asp Tyr Trp Gly Arg Gly
        35   40

<210> 5245
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5245
acgattaccg cggacaaatc cacgagcaca gcctacatgg agctgagcag cctgagatct   60

gaggacacgg ccgtgtatta ctgtgcgaga gtgagggacg gtgccctact tgactactgg   120

ggccaggga   129

<210> 5246
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5246

Thr Ile Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser
1   5   10   15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Arg
            20   25   30

Asp Gly Ala Leu Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5247
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5247

Cys Ala Arg Glu Thr Val Asp Thr Ala Met Val Tyr Tyr Tyr Tyr Tyr
1   5   10   15

Gly Met Asp Val Trp
            20

<210> 5248
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5248
tgcacagcct acttggagct gagcagcctg agatctgagg acacggccgt gtattactgt   60

gcgagagaga ccgtggatac agctatggtc tactactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 5249
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5249

Cys Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala

1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Thr Val Asp Thr Ala Met Val Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5250
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5250
agcacagcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagaga ccgtggatac agctatggtc tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5251
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5251

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Thr Val Asp Thr Ala Met Val Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5252

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5252

Cys Ala Lys Ala Gly Gly Asn Pro Thr Asp Ala Phe Asp Ile Trp
1 5 10 15

<210> 5253
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5253
tccagatata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaagccggt ggtaacccta cggatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5254
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5254

Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ala Gly Gly Asn
20 25 30

Pro Thr Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 5255
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5255
tccagagata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaagccggt ggtaacccta cggatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5256
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5256

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ala Gly Gly Asn
20 25 30

Pro Thr Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 5257
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5257

Cys Ala Arg Gly Asp Ser Gly Asp Arg Asp Thr Ala Met Val Lys Gly

1 5 10 15

Tyr Phe Asp Tyr Trp
20

<210> 5258
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5258
tgcacagtct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagggg attcgggaga ccgggataca gctatggtta aggggtactt tgactactgg 120

ggccaggga 129

<210> 5259
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5259

Cys Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Gly Asp Ser Gly Asp Arg Asp Thr Ala Met
20 25 30

Val Lys Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5260
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5260
agcacagtct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagggg attcgggaga ccgggataca gctatggtta aggggtactt tgactactgg 120

ggccaggga 129

<210> 5261
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5261

Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Gly Asp Ser Gly Asp Arg Asp Thr Ala Met
            20 25 30

Val Lys Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 5262
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5262

Cys Ala Ser Ser Cys Gly Gly Tyr Ala His Ala Cys Phe Asp Tyr Trp
1 5 10 15

<210> 5263
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5263
tgggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag ctcatgcggt ggctacgccc atgcctgttt tgactactgg 120

ggccaggga 129

<210> 5264
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5264

Trp Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1   5   10   15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Ser Cys Gly Gly Tyr
            20   25   30

Ala His Ala Cys Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5265
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5265
agggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag ctcatgcggt ggctacgccc atgcctgttt tgactactgg 120

ggccaggga 129

<210> 5266
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5266

Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1   5   10   15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Ser Cys Gly Gly Tyr
            20   25   30

Ala His Ala Cys Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5267
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5267

Cys Ala Ser Arg Gly Ile Thr Met Val Arg Gly Ala Ala Tyr Tyr Tyr
1   5   10   15

Gly Met Asp Val Trp
            20

<210> 5268
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5268

agcacagcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagtagag gtattactat ggttcggggc gcagcctact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5269
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5269

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Ser Arg Gly Ile Thr Met Val Arg Gly Ala Ala
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5270
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5270
agcacagcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagtagag gtattactat ggttcggggc gcagcctact actacggtat ggacgtctgg 120

agccaaggg 129

<210> 5271
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5271

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Ser Arg Gly Ile Thr Met Val Arg Gly Ala Ala
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Ser Gln Gly
        35   40

<210> 5272
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5272

Cys Glu Ser Gly Leu Ala Gly Leu Leu Tyr Tyr Phe Asp Tyr Trp
1   5   10   15

<210> 5273
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5273
ctcaagcaac acccttaag tgcagtctgc cttacaatga ccaatctgaa agccaaggac   60

aaggtcatgt attactgtga gtctgggctg gctgggctcc tttactactt tgactactgg   120

ggccaggga   129

<210> 5274
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5274

Leu Lys Gln His Pro Leu Ser Ala Val Cys Leu Thr Met Thr Asn Leu
1   5   10   15

Lys Ala Lys Asp Lys Val Met Tyr Tyr Cys Glu Ser Gly Leu Ala Gly
            20   25   30

Leu Leu Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5275
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5275
tcaagcaaca ccctttaag tgcagtctgc cttacaatga ccaatctgaa agccaaggac   60

aaggtcatgt attactgtga gtctgggctg gctgggctcc tttactactt tgactactgg   120

ggccaggga   129

<210> 5276
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5276

Ser Ser Asn Thr Leu Leu Ser Ala Val Cys Leu Thr Met Thr Asn Leu
1   5   10   15

Lys Ala Lys Asp Lys Val Met Tyr Tyr Cys Glu Ser Gly Leu Ala Gly

20 25 30

Leu Leu Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5277
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5277

Cys Ala Lys Leu Val Gln Arg Ala Gly Ser Asp Tyr Trp
1 5 10

<210> 5278
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5278
accatttcca gagacaacac caagaactcc ctctttctgc aaatgaacag tctgagacct 60

gaggacacgg ccttgtatta ctgtgcaaaa ctggtccaac gagctggttc ggactactgg 120

ggccaggga 129

<210> 5279
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5279

Thr Ile Ser Arg Asp Asn Thr Lys Asn Ser Leu Phe Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Pro Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Leu Val
            20   25   30

Gln Arg Ala Gly Ser Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5280
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5280
aacatttcca gagacaacac caagaactcc ctctttctgc aaatgaacag tctgagacct 60

gaggacacgg ccttgtatta ctgtgcaaaa ctggtccaac gagctggttc ggactactgg 120

ggccaggga 129

<210> 5281
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5281

Asn Ile Ser Arg Asp Asn Thr Lys Asn Ser Leu Phe Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Pro Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Leu Val
            20   25   30

Gln Arg Ala Gly Ser Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5282
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5282

Cys Ala Lys Asp Arg Ala Ala Gly Ile Tyr Gly Met Asp Val Trp
1 5 10 15

<210> 5283
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5283
tccagagata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaagatcgg gcagctggta tttacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5284
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5284

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Ala Ala
20 25 30

Gly Ile Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5285

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5285
tacagagata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgatgac 60

acggccgtat attactgtgc gaaagatcgg gcagctggta tttacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5286
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5286

Tyr Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Asp Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Ala Ala
20 25 30

Gly Ile Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5287
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5287

Cys Thr Thr Arg Leu Ser Asn Gly Ala Ala Ala Gly Ser Pro Asp Ala
1 5 10 15

Phe Asp Ile Trp
            20

<210> 5288
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5288
aaaaacacgc tgtatctgca aatgaacagc ctgaaaaccg aggacacagc cgtgtattac 60

tgtaccacaa gactatccaa tggggcagca gctggtagcc ctgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5289
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5289

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Thr Thr Arg Leu Ser Asn Gly Ala Ala Ala Gly
            20   25   30

Ser Pro Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 5290
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5290
aaaaacacgc tgtatccgca aatgaacagc ctgaaaaccg aggacacagc cgtgtattac 60

tgtaccacaa gactatccaa tggggcagca gctggtagcc ctgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5291
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5291

Lys Asn Thr Leu Tyr Pro Gln Met Asn Ser Leu Lys Thr Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Thr Thr Arg Leu Ser Asn Gly Ala Ala Ala Gly
20 25 30

Ser Pro Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 5292
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5292

Cys Ala Ala Gln Arg Arg Asp Gly Tyr Ile Ser Tyr Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 5293

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5293
tgcacagcct acttggagct gagcagcctg agatccgagg acacggccgt gtattactgt 60

gcggcacaac gtagagatgg ctacatatca tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5294
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5294

Cys Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Ala Gln Arg Arg Asp Gly Tyr Ile Ser Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5295
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5295
agcacagcct acatggagct gagcagcctg agatccgagg acacggccgt gtattactgt 60

gcggcacaac gtagagatgg ctacatatca tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5296
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5296

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Ala Gln Arg Arg Asp Gly Tyr Ile Ser Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5297
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5297

Cys Ala Lys Gly Ala Ser Leu Gly Phe Gly Glu Leu Phe Asp Tyr Trp
1 5 10 15

<210> 5298
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5298
ttagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa aggagcctct ttggggttcg gggagttatt tgactactgg 120

ggccaggga 129

<210> 5299
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5299

Leu Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Ala Ser Leu Gly
20 25 30

Phe Gly Glu Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5300
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5300
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa aggagcctct ttggggttcg gggagttatt tgactactgg 120

ggccaggga 129

<210> 5301
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5301

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Ala Ser Leu Gly
20 25 30

Phe Gly Glu Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5302
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5302

Cys Ala Arg Ser Arg Pro Ser Val Gly Gly Ala Phe Asp Ile Trp
1 5 10 15

<210> 5303
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5303
gaccaggaca cgtccatcag cacagcctac atggagctga gcagcctcag atctgacgac 60

acggtcgtgt tttactgtgc gagatcgcgg cctagtgtgg gcggtgcttt tgatatctgg 120

ggccaaggg 129

<210> 5304
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5304

Asp Gln Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu
1   5   10   15

Arg Ser Asp Asp Thr Val Val Phe Tyr Cys Ala Arg Ser Arg Pro Ser
            20   25   30

Val Gly Gly Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 5305
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5305
accagggaca cgtccatcag cacagcctac atggagctga gcagcctcag atctgacgac   60

acggtcgtgt tttactgtgc gagatcgcgg cctagtgtgg gcggtgcttt tgatatctgg   120

ggccaaggg   129

<210> 5306
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5306

Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu
1   5   10   15

Arg Ser Asp Asp Thr Val Val Phe Tyr Cys Ala Arg Ser Arg Pro Ser
            20   25   30

Val Gly Gly Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 5307
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5307

Cys Ala Arg Leu Phe Tyr Tyr Asp Ser Ser Ala Tyr Tyr Leu Gly Tyr
1   5   10   15

Tyr Phe Asp Tyr Trp
            20

<210> 5308
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5308
tactccatgt atctgcaaat gaacaccctg agagacgagg acacggctgt gtattactgt   60

gcgagactgt tttactatga tagtagtgct tattacttgg gttactactt tgactactgg   120

ggccaggga   129

<210> 5309
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5309

Tyr Ser Met Tyr Leu Gln Met Asn Thr Leu Arg Asp Glu Asp Thr Ala

1 5 10 15

Val Tyr Tyr Cys Ala Arg Leu Phe Tyr Tyr Asp Ser Ser Ala Tyr Tyr
20 25 30

Leu Gly Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5310
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5310
aactccctgt atctgcaaat gaacaccctg agagacgagg acacggctgt gtattactgt 60

gcgagactgt tttactatga tagtagtgct tattacttgg gttactactt tgactactgg 120

ggccaggga 129

<210> 5311
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5311

Asn Ser Leu Tyr Leu Gln Met Asn Thr Leu Arg Asp Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Leu Phe Tyr Tyr Asp Ser Ser Ala Tyr Tyr
20 25 30

Leu Gly Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5312

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5312

Cys Ala Thr Asp Tyr Tyr Asp Ser Ser Gly Tyr Thr Trp Gly Tyr Gly
1 5 10 15

Met Asp Val Trp
20

<210> 5313
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5313
caagaactcc tgtatctgca aatgaacagt ctgagagctg aggacacggc cttgtattac 60

tgtgccacag attactatga tagtagtggt tacacgtggg ggtacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5314
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5314

Gln Glu Leu Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Leu Tyr Tyr Cys Ala Thr Asp Tyr Tyr Asp Ser Ser Gly Tyr Thr
20 25 30

Trp Gly Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5315
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5315
aagaactccc tgtatctgca aatgaacagt ctgagagctg aggacacggc cttgtattac 60

tgtgccacag attactatga tagtagtggt tacacgtggg ggtacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5316
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5316

Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Leu Tyr Tyr Cys Ala Thr Asp Tyr Tyr Asp Ser Ser Gly Tyr Thr
20 25 30

Trp Gly Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5317
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5317

Cys Ala Thr Asp Arg Pro Leu Thr Asp Tyr Tyr Tyr Gly Met Asp Val
1 5 10 15

Trp

<210> 5318
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5318
gacacgtcta cagacacagc ctacatggag ctgagcagcc tgagatctga ggacacggcc 60

gtgtattact gtgcaacaga tcgcccgctt accgactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5319
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5319

Asp Thr Ser Thr Asp Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Asp Arg Pro Leu Thr Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5320

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5320
gacacgtcta cagacacagc ctacatggag ctgagcagcc tgaaatctga ggacacggcc 60

gtgtattact gtgcaacaga tcgcccgctt accgactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5321
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5321

Asp Thr Ser Thr Asp Thr Ala Tyr Met Glu Leu Ser Ser Leu Lys Ser
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Asp Arg Pro Leu Thr Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5322
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5322

Cys Ala Lys Asp Leu Tyr Tyr Phe Asp Ser Ser Gly Tyr Asp Tyr Trp
1 5 10 15

<210> 5323
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5323
agagatgatt ccaagaacac gctgtatctg caaatgaaca gtctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agatttatat tactttgata gtagtggtta tgactactgg 120

ggccaggga 129

<210> 5324
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5324

Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Tyr Tyr Phe
            20   25   30

Asp Ser Ser Gly Tyr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5325
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5325
agagatgatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agatttatat tactttgata gtagtggtta tgactactgg 120

ggccaggga 129

<210> 5326
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5326

Cys Ala Lys Ala Arg Ser Gly Tyr Asp Arg Phe Asp Tyr Trp
1 5 10

<210> 5327
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5327
atctccatac acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagcc cgcagtggct acgacagatt tgactactgg 120

ggccaggga 129

<210> 5328
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5328

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ala Arg Ser

```
            20                  25                  30

Gly Tyr Asp Arg Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  5329
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  5329
atctccagag acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag       60

gacacggccg tatattactg tgcgaaagcc cgcagtggct acgacagatt tgactactgg      120

ggccaggga                                                              129


<210>  5330
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  5330

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1               5                   10                  15


Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ala Arg Ser
            20                  25                  30


Gly Tyr Asp Arg Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  5331
<211>  15
<212>  PRT
<213>  Artificial Sequence
```

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5331

Cys Ala Lys Gly Glu Gly Ser Ser Trp Tyr Trp Phe Asp Pro Trp
1   5   10   15

<210> 5332
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5332
tccagagaca attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac   60

acggctgtgt attactgtgc gaaaggtgag ggcagcagct ggtactggtt cgacccctgg   120

ggccaggga   129

<210> 5333
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5333

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Glu Gly Ser
            20   25   30

Ser Trp Tyr Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 5334
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5334
tacagagaca attccaagaa cacgctgtat ctgcaaatga accgcctgag agccgaggac 60

acggctgtgt attactgtgc gaaaggtgag ggcagcagct ggtactggtt cgacccctgg 120

ggccaggga 129

<210> 5335
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5335

Tyr Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Arg Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Glu Gly Ser
20 25 30

Ser Trp Tyr Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5336
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5336

Cys Ala His Thr Pro Pro Thr Thr Val Thr Thr Met Phe Asp Tyr Trp
1 5 10 15

<210> 5337

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5337
caaggacacc tccaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca caccccgccg actacggtga ctacaatgtt tgactactgg 120

ggccaggga 129

<210> 5338
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5338

Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Thr Pro Pro Thr Thr
20 25 30

Val Thr Thr Met Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5339
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5339
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca caccccgccg actacggtga ctacaatgtt tgactactgg 120

ggccaggga 129

<210> 5340
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5340

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Thr Pro Pro Thr Thr
20 25 30

Val Thr Thr Met Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5341
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5341

Cys Ala Lys Gly Pro Ala Ala Gly Thr Asp Trp
1 5 10

<210> 5342
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5342
cggttcacca tctccagata taattccaag aacacgctgt atctgcaaat gaacagcctg 60

agagccgagg acacggccgt atattactgt gcgaaaggcc cagcagctgg taccgactgg 120

ggccaggga 129

<210> 5343
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5343

Arg Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
20 25 30

Gly Pro Ala Ala Gly Thr Asp Trp Gly Gln Gly
35 40

<210> 5344
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5344
cggttcacca tctccagaga taattccaag aacacgctgt atctgcaaat gaacagcctg 60

agagccgagg acacggccgt atattactgt gcgaaaggcc cagcagctgg taccgactgg 120

ggccaggga 129

<210> 5345
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5345

Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
20 25 30

Gly Pro Ala Ala Gly Thr Asp Trp Gly Gln Gly
35 40

<210> 5346
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5346

Cys Ala Lys Asp Gly Ser Tyr Gly Ser Gln Pro Asn Leu Phe Asp Pro
1 5 10 15

Trp

<210> 5347
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5347
gacaacgcca agaactccgt gtatttgcaa atgaacagtc tgagagctga ggacacggcc 60

ttgtattatt gtgcaaaaga tggatcctat gggtcccaac cgaacttatt cgacccctgg 120

ggccaggga 129

<210> 5348

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5348

Asp Asn Ala Lys Asn Ser Val Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Gly Ser Tyr Gly Ser
20 25 30

Gln Pro Asn Leu Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5349
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5349
gacaacgcca agaactccgt gtatttgcaa atgaacagtc tgagagctga ggacacggcc 60

ttatattatt gtgcaaaaga tggatcctat gggtcccaac cgaacttatt cgacccctgg 120

ggccaggga 129

<210> 5350
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5350

Cys Ala Arg Asp Ser Gly Glu Glu Tyr Cys Ser Gly Gly Ser Cys Tyr
1 5 10 15

Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
            20   25

<210> 5351
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5351
ctgcaaatga acagcctgaa aaccgaggac acggccgtgt attactgtgc tagagatagc   60

ggtgaggaat attgtagtgg tggtagctgc tactactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 5352
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5352

Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Asp Ser Gly Glu Glu Tyr Cys Ser Gly Gly Ser Cys Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5353
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5353
ctgaaaatga actgcctgaa aaccgaggac acggccgtgt attactgtgc tagagatagc 60

ggtgaggaat attgtagtgg tggtagctgc tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5354
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5354

Leu Lys Met Asn Cys Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Asp Ser Gly Glu Glu Tyr Cys Ser Gly Gly Ser Cys Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5355
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5355

Cys Thr Ser Arg Ile Thr Met Val Thr Asn Arg Thr Glu Leu Phe Asp
1 5 10 15

Tyr Trp

<210> 5356

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5356
ttttcaaaga acacggcgta tctgcaaatg aacagcctga aaaccgagga cacggccgtg 60

tattactgta ctagccgtat tactatggtt actaaccgca cggaattgtt tgactactgg 120

ggccaggga 129

<210> 5357
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5357

Phe Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Thr Ser Arg Ile Thr Met Val Thr Asn
20 25 30

Arg Thr Glu Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5358
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5358
gattcaaaga acacggcgta tctgcaaatg aacagcctga aaaccgagga cacggccgtg 60

tattactgta ctagccgtat tactatggtt actaaccgca cggaattgtt tgactactgg 120

ggccaggga 129

<210> 5359
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5359

Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Thr Ser Arg Ile Thr Met Val Thr Asn
20 25 30

Arg Thr Glu Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5360
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5360

Cys Ala Arg Glu Ala His Ser Ser Thr Trp Asp Asn Asn Phe Asp Leu
1 5 10 15

Trp

<210> 5361
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5361
gacaacgcca agaacacgct gtatctgcag atgaacagtc tgagaaccgg ggacacggct 60

gtttatcact gtgcaagaga ggcgcatagc agcacctggg ataacaactt tgacctctgg 120

ggccaggga 129

<210> 5362
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5362

Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Thr
1 5 10 15

Gly Asp Thr Ala Val Tyr His Cys Ala Arg Glu Ala His Ser Ser Thr
20 25 30

Trp Asp Asn Asn Phe Asp Leu Trp Gly Gln Gly
35 40

<210> 5363
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5363
gacaacgcca agaacacgcc gtatctgcag atgaacagtc tgagaaccgg ggacacggct 60

gtttatcact gtgcaagaga ggcgcatagc agcacctggg ataacaactt tgacctctgg 120

ggccaggga 129

<210> 5364
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5364

Asp Asn Ala Lys Asn Thr Pro Tyr Leu Gln Met Asn Ser Leu Arg Thr
1 5 10 15

Gly Asp Thr Ala Val Tyr His Cys Ala Arg Glu Ala His Ser Ser Thr
20 25 30

Trp Asp Asn Asn Phe Asp Leu Trp Gly Gln Gly
35 40

<210> 5365
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5365

Cys Ala Arg Ala Ser Val Pro Tyr Tyr Tyr Asp Tyr Trp
1 5 10

<210> 5366
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5366
accatctcca tacacaattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gccagtgtac cttactacta tgactactgg 120

ggccaggga 129

<210> 5367

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5367

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Ser
20 25 30

Val Pro Tyr Tyr Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 5368
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5368
accatctcca gagacaattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gccagtgtac cttactacta tgactactgg 120

ggccaggga 129

<210> 5369
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5369

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Ser
            20   25   30

Val Pro Tyr Tyr Tyr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5370
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5370

Cys Ala Arg Val Ile Ser Gly Ser Tyr Tyr Leu Asp Tyr Tyr Tyr Tyr
1   5   10   15

Gly Met Asp Val Trp
            20

<210> 5371
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5371
tgcacagcct acttggagct gaggagcctg agatctgacg acacggccgt gtattactgt   60

gcgagagtaa ttagtgggag ctactactta gactactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 5372
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5372

Cys Thr Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Val Ile Ser Gly Ser Tyr Tyr Leu Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5373
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5373
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagtaa ttagtgggag ctactactta gactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5374
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5374

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Val Ile Ser Gly Ser Tyr Tyr Leu Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly

35 40

<210> 5375
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5375

Cys Ala Arg Asp His Gln Glu Met Ala Thr Ile Thr Trp Tyr Asp Ala
1 5 10 15

Phe Asp Ile Trp
20

<210> 5376
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5376
aagaacacgc tgtatctgca aatgaacagt ctgagagccg aggacacggc tgtgtattac 60

tgtgcaagag atcatcagga gatggctaca ttacctggt atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5377
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5377

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Asp His Gln Glu Met Ala Thr Ile Thr
            20   25   30

Trp Tyr Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 5378
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5378
aagaacacgc tgtatctgca aatgaacagt ctgagagccg aggacacggc tgcgtattac 60

tgtgcaagag atcatcagga gatggctaca ttacctggt atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5379
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5379

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1   5   10   15

Ala Ala Tyr Tyr Cys Ala Arg Asp His Gln Glu Met Ala Thr Ile Thr
            20   25   30

Trp Tyr Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 5380
<211> 22
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5380

Cys Ala Lys Asp Ile Gly Gly Ser Ser Gly Trp Tyr Asp Glu Leu Gly
1 5 10 15

Trp Tyr Phe Asp Leu Trp
20

<210> 5381
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5381
tccctgtatc tgcaaatgaa cagtctgaga gctgaggaca cggccttgta ttactgtgca 60

aaagatatag gaggtagcag tggctggtac gatgaactgg gctggtactt cgatctctgg 120

ggccgtggc 129

<210> 5382
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5382

Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu
1 5 10 15

Tyr Tyr Cys Ala Lys Asp Ile Gly Gly Ser Ser Gly Trp Tyr Asp Glu
20 25 30

Leu Gly Trp Tyr Phe Asp Leu Trp Gly Arg Gly

35 40

<210> 5383
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5383
tacatgtatc tgcaaatgaa cagtctgaga gctgaggaca cggccttgta ttactgtgca 60

aaagatatag gaggtagcag tggctggtac gatgaactgg gctggtactt cgatctctgg 120

ggccgtggc 129

<210> 5384
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5384

Tyr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu
1 5 10 15

Tyr Tyr Cys Ala Lys Asp Ile Gly Gly Ser Ser Gly Trp Tyr Asp Glu
20 25 30

Leu Gly Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 5385
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5385

```
Cys Ala Arg Gly Asn Asp Gly Ser Ser Gly Ser His Phe Tyr Tyr Tyr
1               5                   10                  15


Tyr Gly Leu Asp Val Trp
            20


<210>  5386
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  5386
caattctccc tgaaagtgag ttctgtgacc gccgcggaca cggctgttta ttgctgtgcg       60

agaggcaatg acggcagcag cgggtctcat ttttattact actatggcct ggacgtctgg      120

ggccagggg                                                              129


<210>  5387
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  5387

Gln Phe Ser Leu Lys Val Ser Ser Val Thr Ala Ala Asp Thr Ala Val
1               5                   10                  15


Tyr Cys Cys Ala Arg Gly Asn Asp Gly Ser Ser Gly Ser His Phe Tyr
            20                  25                  30


Tyr Tyr Tyr Gly Leu Asp Val Trp Gly Gln Gly
        35                  40


<210>  5388
<211>  129
<212>  DNA
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5388
caattctccc tgaaagtgag ttctgtgacc gccgcggaca cggctgttta ttactgtgcg 60

agaggcaatg acggcagcag cgggtctcat ttttattact actatggcct ggacgtctgg 120

ggccagggg 129

<210> 5389
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5389

Gln Phe Ser Leu Lys Val Ser Ser Val Thr Ala Ala Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Gly Asn Asp Gly Ser Ser Gly Ser His Phe Tyr
20 25 30

Tyr Tyr Tyr Gly Leu Asp Val Trp Gly Gln Gly
35 40

<210> 5390
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5390

Cys Ala Lys Asp Asp Gly Val Ala Thr Ile Thr Ser Tyr Phe Asp Tyr
1 5 10 15

Trp

<210> 5391
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5391
gacaacagca aaaactccct gtatctgcaa atgaacagtc tgagaactga ggacaccgcc 60

ttgtattact gtgcaaaaga cgacggggtg gctacaatta ctagctactt tgactactgg 120

ggccaggga 129

<210> 5392
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5392

Asp Asn Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Thr
1 5 10 15

Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Asp Gly Val Ala Thr
20 25 30

Ile Thr Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5393
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5393

gacaacacca aaaactccct gtatctgcaa atgaacagtc tgagaactga ggacaccgcc 60

ttgtattact gtgcaaaaga cgacggggtg gctacaatta ctagctactt tgactactgg 120

ggccaggga 129

<210> 5394
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5394

Asp Asn Thr Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Thr
1 5 10 15

Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Asp Gly Val Ala Thr
20 25 30

Ile Thr Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5395
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5395

Cys Ala Lys Glu Gly Tyr Tyr Asp Ile Leu Thr Gly Tyr Phe Trp Gln
1 5 10 15

Gly Leu Phe Asp Tyr Trp
20

<210> 5396
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5396
tcgatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagaagggt attacgatat tttgactggt tatttctggc aaggcctctt tgactactgg 120

ggccaggga 129

<210> 5397
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5397

Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Glu Gly Tyr Tyr Asp Ile Leu Thr Gly Tyr Phe
20 25 30

Trp Gln Gly Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5398
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5398
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagaagggt attacgatat tttgactggt tatttctggc aaggcctctt tgactactgg 120

ggccaggga 129

<210> 5399
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5399

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Lys Glu Gly Tyr Tyr Asp Ile Leu Thr Gly Tyr Phe
            20   25   30

Trp Gln Gly Leu Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5400
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5400

Cys Ala Lys Gly Arg Gly Pro Thr Met Thr Thr Ala Phe Asn Arg Phe
1   5   10   15

Asp Pro Trp

<210> 5401
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5401

gccaagaact ccttgtttct gcaaatggac agtctgcgag ttgaggacac ggccttctat 60

tactgtgcaa aaggacgggg acctaccatg accactgctt ttaaccggtt cgacccctgg 120

ggccaggga 129

<210> 5402
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5402

Ala Lys Asn Ser Leu Phe Leu Gln Met Asp Ser Leu Arg Val Glu Asp
1 5 10 15

Thr Ala Phe Tyr Tyr Cys Ala Lys Gly Arg Gly Pro Thr Met Thr Thr
20 25 30

Ala Phe Asn Arg Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5403
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5403
gccaagaact ccctgtttct gcaaatggac agtctgcgag ttgaggacac ggccctctat 60

tactgtgcaa aaggacgggg acctaccatg accactgctt ttaaccggtt cgacccctgg 120

ggccaggga 129

<210> 5404
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5404

Ala Lys Asn Ser Leu Phe Leu Gln Met Asp Ser Leu Arg Val Glu Asp
1   5   10   15

Thr Ala Leu Tyr Tyr Cys Ala Lys Gly Arg Gly Pro Thr Met Thr Thr
            20   25   30

Ala Phe Asn Arg Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 5405
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5405

Cys Ala Arg Lys Leu Met Gly Thr Gln Pro Phe Asp Tyr Trp
1   5   10

<210> 5406
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5406
atgaccaggg acacgtccat cagcacagcc tacatggagc tcagcagcct gagatctggc   60

gacacggccg tgtattactg tgcgaggaaa ctaatgggaa cacaaccctt cgactactgg   120

ggccaggga   129

<210> 5407
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5407

Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser
1   5   10   15

Leu Arg Ser Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Lys Leu Met
            20   25   30

Gly Thr Gln Pro Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5408
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5408
atgaccaggg acacgtccat cagcacagcc tacatggagc tcagcagcct gagatctgac   60

gacacggccg tgtattactg tgcgaggaaa ctaatgggaa cacaaccctt tgactactgg   120

ggccaggga   129

<210> 5409
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5409

Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser
1   5   10   15

Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Lys Leu Met

20 25 30

Gly Thr Gln Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5410
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5410

Cys Ala Lys Glu Val Arg Gly Val Ile Asp Tyr Trp
1 5 10

<210> 5411
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5411
ttcaccatct ccagatataa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaagaggttc ggggagttat tgactactgg 120

ggccaggga 129

<210> 5412
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5412

Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu
            20   25   30

Val Arg Gly Val Ile Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5413
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5413
ttcaccatct ccagagataa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaagaggttc ggggagttat tgactactgg 120

ggccaggga 129

<210> 5414
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5414

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu
            20   25   30

Val Arg Gly Val Ile Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5415
<211> 16
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5415

Cys Val Lys Gln Ser Ser Gly Asn Ser Tyr Gly Val Ser Asp Tyr Trp
1 5 10 15

<210> 5416
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5416
agatataatt ccaacaacac gctctacttg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgtgaa acagtcgagt gggaactcct acggggtttc ggactactgg 120

ggccaggga 129

<210> 5417
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5417

Arg Tyr Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Val Lys Gln Ser Ser Gly Asn
20 25 30

Ser Tyr Gly Val Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 5418

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5418
agagataatt ccaagaacac gctctacttg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgtgaa acagtcgagt gggaactcct acggggtttc ggactactgg 120

ggccaggga 129

<210> 5419
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5419

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Val Lys Gln Ser Ser Gly Asn
20 25 30

Ser Tyr Gly Val Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 5420
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5420

Cys Ala Arg Pro Arg Ala Pro Thr Thr Asn Tyr Tyr Tyr Tyr Gly Met
1 5 10 15

Asp Val Trp

<210> 5421
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5421
tctgtcagca cggcatatct gcagatcagc agcctaaagg ctgaggacac tgccgtgtat 60

tactgtgcga ggccacgggc acctaccaca aactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5422
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5422

Ser Val Ser Thr Ala Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Pro Arg Ala Pro Thr Thr Asn Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5423
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5423
tctgtcagca cggcatatct gcagatcagc agcctaaagg ctgaggacac tgccgtgtat 60

tactgtgcga ggccacgggc acctaccaca aactactact actacggtat ggacgtctgg 120

agccaaggg 129

<210> 5424
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5424

Ser Val Ser Thr Ala Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Pro Arg Ala Pro Thr Thr Asn Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Ser Gln Gly
35 40

<210> 5425
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5425

Cys Ala Lys Glu Glu Gly Val Ser Thr Trp Thr Arg Ile Glu Asn Trp
1 5 10 15

<210> 5426
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5426
agatataatt ccatgaacat gctctatctg caaatgaaca gcctgagagg cgaggacacg 60

gccgtatatt actgtgcgaa agaagaggga gtcagtacct ggacgcggat tgagaactgg 120

ggccaggga 129

<210> 5427
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5427

Arg Tyr Asn Ser Met Asn Met Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Gly Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Glu Gly Val Ser
            20   25   30

Thr Trp Thr Arg Ile Glu Asn Trp Gly Gln Gly
        35   40

<210> 5428
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5428
agagataatt ccatgaacat gctctatctg caaatgaaca gcctgagagg cgaggacacg 60

gccgtatatt actgtgcgaa agaagaggga gtcagtacct ggacgcggat tgagaactgg 120

ggccaggga 129

<210> 5429

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5429

Arg Asp Asn Ser Met Asn Met Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Gly Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Glu Gly Val Ser
20 25 30

Thr Trp Thr Arg Ile Glu Asn Trp Gly Gln Gly
35 40

<210> 5430
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5430

Cys Ala Ser Leu Leu Gly Gly Ser Ala Thr Phe Asp Tyr Trp
1 5 10

<210> 5431
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5431
atctccagag acgacgccaa gaactcgttg tatctgcaaa tgaacagtct gagagtcgag 60

gacacggcta tgtattactg tgcaagccta ctaggaggga gtgccacttt cgactactgg 120

ggccaggga 129

<210> 5432
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5432

Ile Ser Arg Asp Asp Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Val Glu Asp Thr Ala Met Tyr Tyr Cys Ala Ser Leu Leu Gly
20 25 30

Gly Ser Ala Thr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5433
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5433
atctccagag acaacgccaa gaactcgttg tatctgcaaa tgaacagtct gagagtcgag 60

gacacggcta tgtattactg tgcaagccta ctaggaggga gtgccacttt cgactactgg 120

ggccaggga 129

<210> 5434
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5434

Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser

1 5 10 15

Leu Arg Val Glu Asp Thr Ala Met Tyr Tyr Cys Ala Ser Leu Leu Gly
20 25 30

Gly Ser Ala Thr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5435
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5435

Cys Ala Arg Glu Gly Tyr Ser Tyr Tyr Tyr Asp Ser Ser Gly Gln Asn
1 5 10 15

Trp Phe Asp Pro Trp
20

<210> 5436
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5436
tgcacagcct acttggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagagg gctactcgta ttactatgat agtagtggtc agaactggtt cgacccctgg 120

ggccaggga 129

<210> 5437
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5437

Cys Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Glu Gly Tyr Ser Tyr Tyr Tyr Asp Ser Ser
            20   25   30

Gly Gln Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 5438
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5438
agcacagcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt   60

gcgagagagg gctactcgta ttactatgat agtagtggtc agaactggtt cgacccctgg   120

ggccaggga   129

<210> 5439
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5439

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Glu Gly Tyr Ser Tyr Tyr Tyr Asp Ser Ser
            20   25   30

Gly Gln Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 5440
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5440

Cys Ala Lys Leu Met Gly Gly Gly Asp Tyr Tyr Phe Asp Tyr Trp
1   5   10   15

<210> 5441
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5441
tccagagaca attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac   60

acggccgtat attactgtgc gaaattgatg ggaggtggtg actactactt tgactactgg   120

ggccaggga   129

<210> 5442
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5442

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Leu Met Gly Gly

```
            20                  25                  30

Gly Asp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  5443
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  5443
tccacagaca attccaacaa cacgctgtat ctgcaaatga acagcctgag agccgaggac       60

acggccgtat attactgtgc gaaattgatg ggaggtggtg actactactt tgactactgg      120

ggccaggga                                                              129


<210>  5444
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  5444

Ser Thr Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1               5                   10                  15


Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Leu Met Gly Gly
            20                  25                  30


Gly Asp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  5445
<211>  23
<212>  PRT
<213>  Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5445

Cys Ala Lys Ala Arg Tyr Ser Ser Ser Trp Tyr Glu Thr Arg Asp Tyr
1   5   10   15

Tyr Tyr Gly Met Asp Val Trp
            20

<210> 5446
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5446
ctgtatctgc aaatgaacag cctgagagcc gaggacacgg ccgtatatta ctgtgcgaaa   60

gcgaggtata gcagcagctg gtacgaaacc cgtgactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 5447
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5447

Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr
1   5   10   15

Tyr Cys Ala Lys Ala Arg Tyr Ser Ser Ser Trp Tyr Glu Thr Arg Asp
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5448
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5448
ctgcatctgc aaatgaacag cctgagagcc gaggacacgg ccgtatatta ctgtgcgaaa 60

gcgaggtata gcagcagctg gtacgaaacc cgtgactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5449
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5449

Leu His Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Lys Ala Arg Tyr Ser Ser Ser Trp Tyr Glu Thr Arg Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5450
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5450

Cys Ala Lys Asp Gly Thr Met Val Arg Glu Arg Arg Pro Phe Tyr Tyr

1 5 10 15

Tyr Gly Met Asp Val Trp
20

<210> 5451
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5451
tcgatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggctgtgta ttactgtgcg 60

aaagatggga ctatggttcg ggagcgccgt cctttctact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5452
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5452

Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Asp Gly Thr Met Val Arg Glu Arg Arg Pro Phe
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5453
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5453
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggctgtgta ttactgtgcg 60

aaagatggga ctatggttcg ggagcgccgt cctttctact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5454
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5454

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Lys Asp Gly Thr Met Val Arg Glu Arg Arg Pro Phe
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5455
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5455

Cys Ala Lys Ala Pro Pro Asn Arg Pro Gly Gly Arg Ala Gln Phe Arg
1   5   10   15

Tyr Phe Asp Tyr Trp
            20

<210> 5456
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5456
aacacgctgt atctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagcac cccccaatag gccgggtggt cgggctcagt tccgctactt tgactactgg 120

ggccaggga 129

<210> 5457
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5457

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Ala Pro Pro Asn Arg Pro Gly Gly Arg Ala
20 25 30

Gln Phe Arg Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5458
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5458

Cys Ala Arg His Ser Gly Ser Ser Trp Tyr Asp Ala Phe Asp Ile Trp

1 5 10 15

<210> 5459
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5459
gtagacacgt ccaagaacca gttctccctg aagctgagct ctgtgaccgc cgcagacacg 60

gctgtgtatt actgtgcgag acattcgggc agcagctggt acgatgcttt tgatatctgg 120

ggtcaaggg 129

<210> 5460
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5460

Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr
1 5 10 15

Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg His Ser Gly Ser Ser
20 25 30

Trp Tyr Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 5461
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5461

gtagacacgt ccaagaacca gttctccctg aagctgagct ctgtgaccgc cgcagacacg 60

gctgtgtatt actgtgcgag acattcgggc agcagctggt acgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5462
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5462

Cys Ala Lys Val Gly Tyr Tyr Asp Ser Ser Gly Tyr Phe Asp Tyr Trp
1 5 10 15

<210> 5463
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5463
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gtcgtatatt actgtgcgaa agtaggctac tatgatagta gtggttattt tgactactgg 120

ggccaggga 129

<210> 5464
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5464

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Val Val Tyr Tyr Cys Ala Lys Val Gly Tyr Tyr Asp
            20   25   30

Ser Ser Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5465
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5465
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agtaggctac tatgatagta gtggttattt tgactactgg 120

ggccaggga 129

<210> 5466
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5466

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Gly Tyr Tyr Asp
            20   25   30

Ser Ser Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5467
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5467

Cys Ala Lys Glu Gly Arg Ser Asp Tyr Trp
1 5 10

<210> 5468
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5468
ggccgattca ccatctccag agacaacgcc aagaactccc tgtatctgca aatgaacagt 60

ctgagagctg aggacacggc cttgtattac tgtgcaaaag agggacgttc agactactgg 120

ggccaggga 129

<210> 5469
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5469

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

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala
20 25 30

Lys Glu Gly Arg Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 5470

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5470
ggccgattca ccatctccag agacaacgcc aagaactccc tgtatctgca aatgaacagt 60

ctgagagctg aggacacggc cttgtattac tgcgcaaaag agggacgttc agactactgg 120

ggccaggga 129

<210> 5471
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5471

Cys Ala Arg Ser Tyr Asp Ser Ser Gly Tyr Ser Asp Tyr Trp
1 5 10

<210> 5472
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5472
atctcagccg gcgagtccat cagcaccgcc tacctgcagt ggagcagcct gaaggcctcg 60

gacaccgcca tgtattactg tgcgagatcc tatgatagta gtggttattc tgactactgg 120

ggccaggga 129

<210> 5473
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5473

Ile Ser Ala Gly Glu Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser
1   5   10   15

Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Ser Tyr Asp
            20   25   30

Ser Ser Gly Tyr Ser Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5474
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5474
atctcagccg acaagtccat cagcaccgcc tacctgcagt ggagcagcct gaaggcctcg   60

gacaccgcca tgtattactg tgcgagatcc tatgatagta gtggttattc tgactactgg   120

ggccaggga   129

<210> 5475
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5475

Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser
1   5   10   15

Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Ser Tyr Asp
            20   25   30

Ser Ser Gly Tyr Ser Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5476
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5476

Cys Ala Arg Gly Pro Val Gly Ala Ala Val Val Ala Ala Thr Arg Phe
1   5   10   15

Asp Pro Trp

<210> 5477
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5477
tccgcgaaca cggcctacat ggaattgaga ggcctgacat ctgaagacac ggctatcttt   60

ttctgtgcga gagggcccgt gggtgcagcg gtggtagctg ccactcgctt cgacccgtgg   120

ggccaggga   129

<210> 5478
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5478

Ser Ala Asn Thr Ala Tyr Met Glu Leu Arg Gly Leu Thr Ser Glu Asp

1 5 10 15

Thr Ala Ile Phe Phe Cys Ala Arg Gly Pro Val Gly Ala Ala Val Val
20 25 30

Ala Ala Thr Arg Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5479
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5479
tccgcgaaca cggcctacat ggaattgaga ggcctgaaat ctgaagacac gggtatcttt 60

ttctgtgcga gagggcccgt gggtgcagcg gtggtagctg ccactcgctt cgacccgtgg 120

ggccaggga 129

<210> 5480
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5480

Ser Ala Asn Thr Ala Tyr Met Glu Leu Arg Gly Leu Lys Ser Glu Asp
1 5 10 15

Thr Gly Ile Phe Phe Cys Ala Arg Gly Pro Val Gly Ala Ala Val Val
20 25 30

Ala Ala Thr Arg Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5481

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5481

Cys Ala Arg Ile Tyr Gly Asp Leu Tyr Tyr Gly Met Asp Val Trp
1 5 10 15

<210> 5482
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5482
tcagccgaca agtccatcag caccgcctac ctgcagtgga gcggcctgaa ggcctcggac 60

accgccatgt attactgcgc gagaatctac ggtgacttat actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5483
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5483

Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Gly Leu
1 5 10 15

Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Ile Tyr Gly Asp
20 25 30

Leu Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5484
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5484
tcagccgaca agtccatcag caccgcctac ctgcagtgga gcagcctgaa ggcctcggac 60

accgccatgt attactgtgc gagaatctac ggtgacttat actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5485
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5485

Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu
1 5 10 15

Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Ile Tyr Gly Asp
20 25 30

Leu Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5486
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5486

Cys Thr Thr Asp Ile Ser Ser Pro His Ala Leu Trp Phe Gly Glu Thr

1 5 10 15

Asp Tyr Trp

<210> 5487
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5487
tcaaaaaaca cgctgtatct gcaaatgaac agcctgaaaa ccgaggacac agccgtgtat 60

tactgtacca cagatataag ctctccgcat gcactatggt tcggggagac tgactactgg 120

ggccaggga 129

<210> 5488
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5488

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Thr Thr Asp Ile Ser Ser Pro His Ala Leu
20 25 30

Trp Phe Gly Glu Thr Asp Tyr Trp Gly Gln Gly
35 40

<210> 5489
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5489
ttcaaaaaca cgctgtatct gcaaatgaac agcctgaaaa ccgaggacac agccgtgtat 60

tactgtacca cagatataag ctctccgcat gcactatggt tcggggagac tgactactgg 120

ggccaggga 129

<210> 5490
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5490

Phe Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Thr Thr Asp Ile Ser Ser Pro His Ala Leu
            20   25   30

Trp Phe Gly Glu Thr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5491
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5491

Cys Ala Lys Asp Gly Leu Val Val Ala Gly Thr Phe Asp Tyr Trp
1   5   10   15

<210> 5492
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5492
tccagatata attccaagaa cacgctgtat ctgaaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaagatgga ctagtggtgg ctggtacctt tgactactgg 120

ggccaggga 129

<210> 5493
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5493

Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Lys Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Gly Leu Val
            20   25   30

Val Ala Gly Thr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5494
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5494
tccagagata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaagatgga ctagtggtgg ctggtacctt tgactactgg 120

ggccaggga 129

<210> 5495
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5495

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Gly Leu Val
            20   25   30

Val Ala Gly Thr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5496
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5496

Cys Thr Ser Ala Tyr Ser Ser Ser Trp Tyr Tyr Tyr Tyr Gly Met Asp
1   5   10   15

Val Trp

<210> 5497
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5497

gattcaacca acacggcgta tctgcaaatg aacagcctga aaaccgagga cacggccgtg 60

tattactgta ctagcgcgta tagcagcagc tggtactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5498
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5498

Asp Ser Thr Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Thr Ser Ala Tyr Ser Ser Ser Trp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5499
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5499
gattcaaaga acacggcgta tctgcaaatg aacagcctga aaaccgagga cacggccgtg 60

tattactgta ctagcgcgta tagcagcagc tggtactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5500
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5500

Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Thr Ser Ala Tyr Ser Ser Ser Trp Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5501
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5501

Cys Ala Arg Leu Leu Val Val Tyr Ala Tyr Phe Asp Tyr Trp
1   5   10

<210> 5502
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5502
atctccatac acaattccaa gaacacgctg tatcttcaaa tgaacagcct gagagccgag   60

gacacggccg tgtattactg tgcgagacta ctggtggtgt atgcctactt tgactactgg   120

ggccaggga   129

<210> 5503
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5503

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Leu Val
            20   25   30

Val Tyr Ala Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5504
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5504
atctccagag acaattccaa gaacacgctg tatcttcaaa tgaacagcct gagagccgag   60

gacacggccg tgtattactg tgcgagacta ctggtggtgt atgcctactt tgactactgg   120

ggccaggga   129

<210> 5505
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5505

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Leu Val

20 25 30

Val Tyr Ala Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5506
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5506

Cys Ala Arg Gln Glu Asn Ser Gly Ser Phe Gln Ile Thr His Phe Asp
1 5 10 15

Tyr Trp

<210> 5507
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5507
agctccagca gcaccgccta cctgcagtgg agcagcctga aggcctcgga caccgccatg 60

tattactgtg cgagacaaga aaatagtggg agcttccaaa taacacactt tgactactgg 120

ggccaggga 129

<210> 5508
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5508

Ser Ser Ser Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala Ser
1 5 10 15

Asp Thr Ala Met Tyr Tyr Cys Ala Arg Gln Glu Asn Ser Gly Ser Phe
20 25 30

Gln Ile Thr His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5509
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5509
aagtccatca gcaccgccta cctgcagtgg agcagcctga aggcctcgga caccgccatg 60

tattactgtg cgagacaaga aaatagtggg agcttccaaa taacacactt tgactactgg 120

ggccaggga 129

<210> 5510
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5510

Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala Ser
1 5 10 15

Asp Thr Ala Met Tyr Tyr Cys Ala Arg Gln Glu Asn Ser Gly Ser Phe
20 25 30

Gln Ile Thr His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5511
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5511

Cys Ala Lys Gly Pro Tyr Gly Asp Asp Arg Phe Phe Phe Tyr Tyr Gly
1 5 10 15

Met Asp Val Trp
20

<210> 5512
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5512
aagaacacac tgtggctgca aatggacagc ctgagagccg gggacacggc catatattac 60

tgtgcgaaag gtccctacgg tgacgaccga ttcttcttct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5513
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5513

Lys Asn Thr Leu Trp Leu Gln Met Asp Ser Leu Arg Ala Gly Asp Thr
1 5 10 15

Ala Ile Tyr Tyr Cys Ala Lys Gly Pro Tyr Gly Asp Asp Arg Phe Phe

20 25 30

Phe Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5514
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5514
aagaacacac tgtggctgca aatgaacagc ctgagagccg aggacacggc catatattac 60

tgtgcgaaag gtccctacgg tgacgaccga ttcttcttct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5515
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5515

Lys Asn Thr Leu Trp Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Ile Tyr Tyr Cys Ala Lys Gly Pro Tyr Gly Asp Asp Arg Phe Phe
20 25 30

Phe Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5516
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5516

Cys Ala Arg Gly Gly Gly Lys Tyr Tyr Tyr Gly Ser Gly Arg His Tyr
1   5   10   15

Tyr Tyr Tyr Gly Met Asp Val Trp
            20

<210> 5517
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5517
tccctgaagc tgagctctgt gaccgccgcg gactcggctg tgtattactg tgcgagagga   60

gggggaaat attactatgg ttcggggagg cactactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 5518
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5518

Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Ser Ala Val Tyr Tyr
1   5   10   15

Cys Ala Arg Gly Gly Gly Lys Tyr Tyr Tyr Gly Ser Gly Arg His Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5519
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5519
tccctgaagc tgagctctgt gaccgccgcg gacacggctg tgtattactg tgcgagagga 60

gggggggaaat attactatgg ttcggggagg cactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5520
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5520

Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Arg Gly Gly Gly Lys Tyr Tyr Tyr Gly Ser Gly Arg His Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5521
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5521

Cys Ala Arg Asp Arg Asp Tyr Asp Asp Thr Ser Asn Tyr Tyr His Gly

1 5 10 15

Gly Tyr Phe Asp Ser Trp
20

<210> 5522
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5522
tccctatatc tgcaaatgaa cggtctgaga gccgaggaca cggccctcta ttactgtgcg 60

agagatcgtg attatgatga tacgagtaat tattaccacg gcgggtactt tgactcctgg 120

ggccaggga 129

<210> 5523
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5523

Ser Leu Tyr Leu Gln Met Asn Gly Leu Arg Ala Glu Asp Thr Ala Leu
1 5 10 15

Tyr Tyr Cys Ala Arg Asp Arg Asp Tyr Asp Asp Thr Ser Asn Tyr Tyr
20 25 30

His Gly Gly Tyr Phe Asp Ser Trp Gly Gln Gly
35 40

<210> 5524
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5524
tccatatatc tgcaaatgaa cggtctgaga gccgaggaca cggccctcta ttactgtgcg 60

agagatcgtg attatgatga tacgagtaat tattaccacg gcgggtactt tgactcctgg 120

ggccaggga 129

<210> 5525
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5525

Ser Ile Tyr Leu Gln Met Asn Gly Leu Arg Ala Glu Asp Thr Ala Leu
1 5 10 15

Tyr Tyr Cys Ala Arg Asp Arg Asp Tyr Asp Asp Thr Ser Asn Tyr Tyr
            20 25 30

His Gly Gly Tyr Phe Asp Ser Trp Gly Gln Gly
        35 40

<210> 5526
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5526

Cys Ala Arg Asp Gly Thr Gln Leu Val Leu Asp Leu His Ala Phe Asp
1 5 10 15

Ile Trp

<210> 5527
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5527
aaatccacgt gcacagccta catggagctg agcagcctga gatctgagga cacggccgtg 60

tattactgtg cgagagatgg aacgcagctg gtactggatc tacatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5528
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5528

Lys Ser Thr Cys Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Gly Thr Gln Leu Val Leu
            20   25   30

Asp Leu His Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 5529
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5529
aaatccacga gcacagccta catggagctg agcagcctga gatctgagga cacggccgtg 60

tattactgtg cgagagatgg aacgcagctg gtactggatc tacatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5530
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5530

Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Gly Thr Gln Leu Val Leu
20 25 30

Asp Leu His Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 5531
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5531

Cys Ala Ser Gly Gly Val Arg Gly Val Ile Met Val Tyr Trp
1 5 10

<210> 5532
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5532

ttatcagtag acacgtccaa gaaccagttc tccctgaagc tgagctctgt gaccgccgcg 60

gacacggctg tgtattactg tgcgagcggg ggggttcggg gagttattat ggtctactgg 120

ggccaggga 129

<210> 5533
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5533

Leu Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
1 5 10 15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Ser Gly Gly Val
20 25 30

Arg Gly Val Ile Met Val Tyr Trp Gly Gln Gly
35 40

<210> 5534
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5534
atatcagtag acacgtccaa gaaccagttc tccctgaagc tgagctctgt gaccgccgcg 60

gacacggctg tgtattactg tgcgagcggg ggggttcggg gagttattat ggtctactgg 120

ggccaggga 129

<210> 5535
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5535

Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
1   5   10   15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Ser Gly Gly Val
            20   25   30

Arg Gly Val Ile Met Val Tyr Trp Gly Gln Gly
        35   40

<210> 5536
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5536

Cys Ala Arg Gly Leu Arg Ser Pro Pro His Thr Ala Ser Lys Thr Pro
1   5   10   15

Lys Lys Tyr Trp Tyr Phe Asp Leu Trp
            20   25

<210> 5537
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5537
ttggagctga gcagcctgag atctgaggac acggccgtgt attactgtgc gagaggcctt   60

cgttcccccc cccatacggc atcgaaaacc ccgaagaaat actggtactt cgatctctgg   120

ggccgtggc   129

<210> 5538
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5538

Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Gly Leu Arg Ser Pro Pro His Thr Ala Ser Lys Thr Pro Lys
20 25 30

Lys Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 5539
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5539
atggagctga gcagcctgag atctgaggac acggccgtgt attactgtgc gagaggcctt 60

cgttcccccc cccatacggc atcgaaaacc ccgaagaaat actggtactt cgatctctgg 120

ggccgtggc 129

<210> 5540
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5540

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys

1 5 10 15

Ala Arg Gly Leu Arg Ser Pro Pro His Thr Ala Ser Lys Thr Pro Lys
20 25 30

Lys Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 5541
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5541

Cys Ala Arg Gly Thr Thr Val Val Thr Gly Phe Asp Tyr Trp
1 5 10

<210> 5542
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5542
catcaaccca gacacatcca agaaccagtt ctcctgcagc tgaactctgt gactcccgag 60

gacacggctg tgtattactg tgcaaggggg actacggtgg taacggggtt cgactactgg 120

ggccaggga 129

<210> 5543
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5543

His Gln Pro Arg His Ile Gln Glu Pro Val Leu Leu Gln Leu Asn Ser
1 5 10 15

Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Thr Thr
            20 25 30

Val Val Thr Gly Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 5544
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5544
atcaacccag acacatccaa gaaccagttc tccctgcagc tgaactctgt gactcccgag 60

gacacggctg tgtattactg tgcaaggggg actacggtgg taacggggtt cgactactgg 120

ggccaggga 129

<210> 5545
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5545

Ile Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser
1 5 10 15

Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Thr Thr
            20 25 30

Val Val Thr Gly Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 5546
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5546

Cys Ala Arg Glu Pro Arg Tyr Trp
1 5

<210> 5547
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5547
gtgaagggcc tattcaccat ctccagagac aattccaaga acacgctgta tcttcaaatg 60

aacagcctga gagccgagga cacggccgtg tattactgtg cgagagagcc ccgatactgg 120

ggccaggga 129

<210> 5548
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5548

Val Lys Gly Leu Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu
1 5 10 15

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
20 25 30

Cys Ala Arg Glu Pro Arg Tyr Trp Gly Gln Gly

35 40

<210> 5549
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5549
gtgaagggcc gattcaccat ctccagagac aattccaaga acacgctgta tcttcaaatg 60

aacagcctga gagccgagga cacggccgtg tattactgtg cgagagagcc ccgatactgg 120

ggccaggga 129

<210> 5550
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5550

Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu
1 5 10 15

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
20 25 30

Cys Ala Arg Glu Pro Arg Tyr Trp Gly Gln Gly
35 40

<210> 5551
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5551

Cys Ala Ser Ser Pro Trp Asp Ser Arg Thr Ser Leu Trp
1 5 10

<210> 5552
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5552
accatgacca gggacacgtc catcagcacg gcctacatgg agctgagcag gctgagatct 60

gacgacacgg ccgtgtatta ctgtgcgagt tccccctggg atagtaggac ctccctctgg 120

ggccaggga 129

<210> 5553
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5553

Thr Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser
1 5 10 15

Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Ser Ser Pro
            20 25 30

Trp Asp Ser Arg Thr Ser Leu Trp Gly Gln Gly
        35 40

<210> 5554
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5554
accatgacca gggacacgtc catcagcaca gcctacatgg agctgagcag gctgagatct 60

gacgacacgg ccgtgtatta ctgtgcgagt tccccctggg atagtaggac ctccctctgg 120

ggccaggga 129

<210> 5555
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5555

Cys Ala Arg Gly Leu Lys Val Asp Thr Ala Met Val Arg Val Ala Leu
1 5 10 15

Gly Met Asp Val Trp
20

<210> 5556
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5556
aaccagttct ccctggagct gagctctgtg accgccgcgg acacggctgt ggattactgt 60

gcgagaggcc ttaaggtgga tacagctatg gttagagtag cactcggtat ggacgtctgg 120

ggccaaggg 129

<210> 5557
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5557

Asn Gln Phe Ser Leu Glu Leu Ser Ser Val Thr Ala Ala Asp Thr Ala
1 5 10 15

Val Asp Tyr Cys Ala Arg Gly Leu Lys Val Asp Thr Ala Met Val Arg
20 25 30

Val Ala Leu Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5558
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5558
aaccagttct ccctgaagct gagctctgtg accgccgcgg acacggctgt gtattactgt 60

gcgagaggcc ttaaggtgga tacagctatg gttagagtag cactcggtat ggacgtctgg 120

ggccaaggg 129

<210> 5559
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5559

Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Gly Leu Lys Val Asp Thr Ala Met Val Arg
20 25 30

Val Ala Leu Gly Met Asp Val Trp Gly Gln Gly

35 40

<210> 5560
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5560

Cys Ala Lys Ser Leu Gly Arg Ser Trp Tyr Asn Pro Arg His Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 5561
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5561
tacacgatgt atctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaatccc tgggccgcag ctggtacaat ccgcggcact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5562
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5562

Tyr Thr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Ser Leu Gly Arg Ser Trp Tyr Asn Pro Arg
            20   25   30

His Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5563
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5563
aacacgctgt atctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaatccc tgggccgcag ctggtacaat ccgcggcact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5564
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5564

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Lys Ser Leu Gly Arg Ser Trp Tyr Asn Pro Arg
            20   25   30

His Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5565
<211> 20
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5565

Cys Ala Arg Arg Asn Tyr Tyr Ala Ser Gly Ser Pro Ser Tyr Trp Tyr
1 5 10 15

Phe Asp Leu Trp
20

<210> 5566
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5566
aagaacacgc tgtctcttca aatgaacagc ctgagagccg aggacgcggc catttattat 60

tgtgcgagac ggaattacta tgcctcgggg agcccctcgt attggtactt cgatctctgg 120

ggccgtggc 129

<210> 5567
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5567

Lys Asn Thr Leu Ser Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Ala
1 5 10 15

Ala Ile Tyr Tyr Cys Ala Arg Arg Asn Tyr Tyr Ala Ser Gly Ser Pro
20 25 30

Ser Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly

35 40

<210> 5568
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5568
aagaacacgc tgtctcttca aatgaacagc ctgagagccg aggacacggc catttattat 60

tgtgcgagac ggaattacta tgcctcgggg agcccctcgt attggtactt cgatctctgg 120

ggccgtggc 129

<210> 5569
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5569

Lys Asn Thr Leu Ser Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Ile Tyr Tyr Cys Ala Arg Arg Asn Tyr Tyr Ala Ser Gly Ser Pro
20 25 30

Ser Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 5570
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5570

Cys Ala Lys Asp Phe Arg Arg Ile Val Val Val Val Ala Ser Thr Leu
1   5   10   15

His Tyr Tyr Gly Met Asp Val Trp
            20

<210> 5571
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5571
tatctgcaaa tgaacagtct gagagtcgag gacacggccg tgtattactg tgcaaaagat 60

tttcgccgta ttgtagtggt ggtagcttct actctacact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5572
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5572

Tyr Leu Gln Met Asn Ser Leu Arg Val Glu Asp Thr Ala Val Tyr Tyr
1   5   10   15

Cys Ala Lys Asp Phe Arg Arg Ile Val Val Val Val Ala Ser Thr Leu
            20   25   30

His Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5573
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5573
tatatgaaaa tgaacagtct gagagtcgag gacacggccg tgtattactg tgcaaaagat 60

tttcgccgta ttgtagtggt ggtagcttct actctacact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5574
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5574

Tyr Met Lys Met Asn Ser Leu Arg Val Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Lys Asp Phe Arg Arg Ile Val Val Val Val Ala Ser Thr Leu
20 25 30

His Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5575
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5575

Cys Val Arg Gly His Tyr Asp Arg Ser Gly Ser Trp Gly Phe Asp Tyr
1 5 10 15

Trp

<210> 5576
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5576
gacaatgcca ataactcttt gtatctgcaa atgaacaatc tgagagacga ggacacggct 60

ctatattatt gtgtgcgagg gcactatgat aggagtggtt cttggggctt tgactactgg 120

ggccaggga 129

<210> 5577
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5577

Asp Asn Ala Asn Asn Ser Leu Tyr Leu Gln Met Asn Asn Leu Arg Asp
1 5 10 15

Glu Asp Thr Ala Leu Tyr Tyr Cys Val Arg Gly His Tyr Asp Arg Ser
20 25 30

Gly Ser Trp Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5578
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5578

gacaatgcca agaactcatt gtatctgcaa atgaacaatc tgagagacga ggacacggct 60

ctatattatt gtgtgcgagg gcactatgat aggagtggtt cttggggctt tgactactgg 120

ggccaggga 129

<210> 5579
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5579

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Asn Leu Arg Asp
1 5 10 15

Glu Asp Thr Ala Leu Tyr Tyr Cys Val Arg Gly His Tyr Asp Arg Ser
20 25 30

Gly Ser Trp Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5580
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5580

Cys Ala Arg Ser Ser Gly Asp Phe Trp Ser Gly Tyr Pro Ser Leu Gly
1 5 10 15

Phe Asp Pro Trp
20

<210> 5581
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5581
gtcagcacgg catatctgca gatcagcagc ctaaaggctg aggacactgc cgtgtattac 60

tgtgcgagat cctccgggga tttttggagt ggttatccct cgctggggtt cgacccctgg 120

ggccaggga 129

<210> 5582
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5582

Val Ser Thr Ala Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Ser Ser Gly Asp Phe Trp Ser Gly Tyr
20 25 30

Pro Ser Leu Gly Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5583
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5583
gtcagcacgg catatccgca gatcagcagc ctgaaggctg aggacactgc cgtgtattac 60

tgtgcgagat cctccgggga tttttggagt ggttatccct cgctggggtt cgacccctgg 120

ggccaggga 129

<210> 5584
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5584

Val Ser Thr Ala Tyr Pro Gln Ile Ser Ser Leu Lys Ala Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg Ser Ser Gly Asp Phe Trp Ser Gly Tyr
            20   25   30

Pro Ser Leu Gly Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 5585
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5585

Cys Ala Arg Met Ala Ala Ala Ala Gly Gln Phe Asp Tyr Trp
1   5   10

<210> 5586
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5586
atctccatag aaaatgccaa gaactccttg tatcttcaaa tgaacagcct gagagccggt   60

gacacggctg tgtattactg tgcaagaatg gcggcagcag ctggccaatt tgactactgg   120

ggccaggga 129

<210> 5587
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5587

Ile Ser Ile Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Met Ala Ala
20 25 30

Ala Ala Gly Gln Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5588
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5588
atctccagag aaaatgccaa gaactccttg tatcttcaaa tgaacagcct gagagccggg 60

gacacggctg tgtattactg tgcaagaatg gcggcagcag ctggccaatt tgactactgg 120

ggccaggga 129

<210> 5589
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5589

Ile Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Met Ala Ala
            20   25   30

Ala Ala Gly Gln Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5590
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5590

Cys Ala Arg Lys Tyr Tyr Tyr Asp Ser Ser Gly Ser Tyr Asp Tyr Trp
1   5   10   15

<210> 5591
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5591
tgggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag gaagtattac tatgatagta gtggttccta tgactactgg 120

ggccaggga 129

<210> 5592
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5592

Trp Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Lys Tyr Tyr Tyr Asp
20 25 30

Ser Ser Gly Ser Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 5593
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5593
agggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag gaagtattac tatgatagta gtggttccta tgactactgg 120

ggccaggga 129

<210> 5594
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5594

Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Lys Tyr Tyr Tyr Asp
20 25 30

Ser Ser Gly Ser Tyr Asp Tyr Trp Gly Gln Gly

35 40

<210> 5595
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5595

Cys Ala His His Tyr Ser Ser Gly Trp Tyr Ile Ile Phe Asp Tyr Trp
1 5 10 15

<210> 5596
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5596
caaggacacc tccaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca ccattatagc agtggctggt acataatctt tgactactgg 120

ggccaggga 129

<210> 5597
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5597

Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His His Tyr Ser Ser Gly
20 25 30

Trp Tyr Ile Ile Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5598
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5598
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca ccattatagc agtggctggt acataatctt tgactactgg 120

ggccaggga 129

<210> 5599
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5599

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His His Tyr Ser Ser Gly
20 25 30

Trp Tyr Ile Ile Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5600
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5600

Cys Ala Arg Val Ser Ser Ser Trp Gly Tyr Trp Tyr Phe Asp Leu Trp
1 5 10 15

<210> 5601
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5601
ccagacacat ccaagaacca gttctccctg cagctgaact ctgtgactcc cgaggacacg 60

gctgtgtatt gctgtgcaag agttagcagc agctggggct actggtactt cgatctctgg 120

ggccgtggc 129

<210> 5602
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5602

Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser Val Thr
1 5 10 15

Pro Glu Asp Thr Ala Val Tyr Cys Cys Ala Arg Val Ser Ser Ser Trp
20 25 30

Gly Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 5603
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5603
ccagacacat ccaagaacca gttctccctg cagctgaact ctgtgactcc cgaggacacg 60

gctgtgtatt actgtgcaag agttagcagc agctggggct actggtactt cgatctctgg 120

ggccgtggc 129

<210> 5604
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5604

Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser Val Thr
1   5   10   15

Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Ser Ser Ser Trp
            20   25   30

Gly Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 5605
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5605

Cys Ser Arg Gly Thr Arg Glu Leu Pro Asp Trp
1   5   10

<210> 5606
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5606
cgattcacca tctccagaga caacgccaag aactccctgt atctgcaaat gaatagtctg 60

agacctgagg acacggcctt atattactgt tcaagaggga ccagggagct gccggactgg 120

ggccaggga 129

<210> 5607
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5607

Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Pro Glu Asp Thr Ala Leu Tyr Tyr Cys Ser Arg
20 25 30

Gly Thr Arg Glu Leu Pro Asp Trp Gly Gln Gly
35 40

<210> 5608
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5608
cgattcacca tctccagaga caacgccaag aactccctgt atctgcaaat gaatagcctg 60

agacctgagg acacggcctt atattactgt tcaagaggga ccagggagct gccggactgg 120

ggccaggga 129

<210> 5609
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5609

Cys Ala Lys Asp Thr Ser Ile Glu Tyr Ser Ser Ala Ser Gly Gly Gly
1   5   10   15

Ser Phe Asp Tyr Trp
            20

<210> 5610
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5610
aactccctgt atctgcaaat gaacagtctg agagctgagg acacggcctt gtattactgt   60

gcaaaagata cgagcatcga gtatagcagc gcgtccgggg ggggtagttt tgactactgg   120

ggccaggga   129

<210> 5611
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5611

Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1   5   10   15

Leu Tyr Tyr Cys Ala Lys Asp Thr Ser Ile Glu Tyr Ser Ser Ala Ser

20 25 30

Gly Gly Gly Ser Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5612
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5612

Cys Ala Arg Asp Trp Gly Tyr Ser Tyr Gly Tyr Arg Gly Trp Tyr Leu
1 5 10 15

Asp Leu Trp

<210> 5613
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5613
tctgtcggca cgacatatct gcagatcagc agcctaaagg ctggggacac tgccgtgtat 60

tactgtgcga gagattgggg atacagctat ggttacaggg gctggtacct cgatctctgg 120

ggccgtggc 129

<210> 5614
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5614

Ser Val Gly Thr Thr Tyr Leu Gln Ile Ser Ser Leu Lys Ala Gly Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Asp Trp Gly Tyr Ser Tyr Gly Tyr
            20 25 30

Arg Gly Trp Tyr Leu Asp Leu Trp Gly Arg Gly
        35 40

<210> 5615
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5615
tctgtcggca cgacatatct gcagatcagc agcctaaagg ctgaggacac tgccgtgtat 60

tactgtgcga gagattgggg atacagctat ggttacaggg gctggtacct cgatctctgg 120

ggccgtggc 129

<210> 5616
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5616

Ser Val Gly Thr Thr Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Asp Trp Gly Tyr Ser Tyr Gly Tyr
            20 25 30

Arg Gly Trp Tyr Leu Asp Leu Trp Gly Arg Gly
        35 40

<210> 5617
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5617

Cys Ala Arg Val Ser Trp Val Arg Met Gly Ala Thr Arg Gly Tyr Tyr
1 5 10 15

Tyr Tyr Gly Met Asp Val Trp
20

<210> 5618
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5618
ctgtatctac aaatgaacag cctgaaaacc gaggacacgg ccgtgtatta ctgtgctaga 60

gtctcgtggg tcagaatggg agctactcgg ggatactatt actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5619
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5619

Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Val Ser Trp Val Arg Met Gly Ala Thr Arg Gly Tyr

20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5620
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5620
ctgtatatac aattgaacag cctgaaaacc gaggacacgg ccgtgtatta ctgtgctaga 60

gtctcgtggg tcagaatggg agctactcgg ggatactatt actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5621
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5621

Leu Tyr Ile Gln Leu Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Val Ser Trp Val Arg Met Gly Ala Thr Arg Gly Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5622
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5622

Cys Thr Arg His Gly Tyr Asp Ile Leu Thr Gly Tyr Tyr Glu Thr His
1   5   10   15

Asp Ala Phe Asp Ile Trp
            20

<210> 5623
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5623
acggcgtatc tgcaaatgaa cagcctgaaa accgaggaca cggccgtgta ttactgtact   60

agacatggtt acgatatttt gactggttat tatgaaaccc atgatgcttt tgatatctgg   120

ggccaaggg   129

<210> 5624
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5624

Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Thr Arg His Gly Tyr Asp Ile Leu Thr Gly Tyr Tyr Glu
            20   25   30

Thr His Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 5625
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5625
acggcgtatc tgaaaatgaa cagcctgaaa accgaggaca cggccgtgta ttactgtact 60

agacatggtt acgatatttt gactggttat tatgaaaccc atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5626
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5626

Thr Ala Tyr Leu Lys Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Thr Arg His Gly Tyr Asp Ile Leu Thr Gly Tyr Tyr Glu
20 25 30

Thr His Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 5627
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5627

Cys Ala Lys Thr Arg Phe Asp Tyr Trp

1 5

<210> 5628
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5628
ttgggccggt tcaccatctc cagagacaat tccaagaaca cgctgtatct gcaaatgaac 60

agcctgagag ccgaggacac ggccgtatat tactgtgcga aaacccgatt tgactactgg 120

ggccaggga 129

<210> 5629
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5629

Leu Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
1 5 10 15

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
20 25 30

Ala Lys Thr Arg Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5630
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5630

aagggccggt tcaccatctc cagagacaat tccaagaaca cgctgtatct gcaaatgaac 60

agcctgagag ccgaggacac ggccgtatat tactgtgcga aaacccgatt tgactactgg 120

ggccaggga 129

<210> 5631
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5631

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
1 5 10 15

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
20 25 30

Ala Lys Thr Arg Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5632
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5632

Cys Ala Lys Gly Gly Asp Tyr Tyr Gly Met Asp Val Trp
1 5 10

<210> 5633
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5633
accatctcca tatataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa ggcggtgact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5634
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5634

Thr Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly
20 25 30

Asp Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5635
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5635
accatctcca gagataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa ggcggtgact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5636
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5636

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly
            20   25   30

Asp Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5637
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5637

Cys Ala Arg Ile Gln Gly Tyr Ser Tyr Gly Ser Tyr Gly Met Asp Val
1   5   10   15

Trp

<210> 5638
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5638
gacacctcca aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc   60

acgtattact gtgcacggat acaaggatac agctatggtt cgtacggtat ggacgtctgg   120

ggccaaggg 129

<210> 5639
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5639

Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ile Gln Gly Tyr Ser Tyr
20 25 30

Gly Ser Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5640
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5640
ggacacctcc aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acgtattact gtgcacggat acaaggatac agctatggtt cgtacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5641
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5641

Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ile Gln Gly Tyr Ser Tyr
            20 25 30

Gly Ser Tyr Gly Met Asp Val Trp Gly Gln Gly
        35 40

<210> 5642
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5642

Cys Ala Arg Gly Gly Ala Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Arg
1 5 10 15

Pro Tyr Tyr Tyr Gly Met Asp Val Trp
            20 25

<210> 5643
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5643
ttggagctga gcagcctgag atctgaggac acggccgtgt attactgtgc gagaggggg 60

gcgtattacg atattttgac tggttattat aggccctact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5644
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5644

Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

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

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5645
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5645
atggagctga gcagcctgag atctgaggac acggccgtgt attactgtgc gagaggggg 60

gcgtattacg atattttgac tggttattat aggccctact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5646
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5646

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Gly Gly Ala Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Arg Pro

20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5647
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5647

Cys Ala Arg Glu Gly Gly Leu Gly Arg Leu Asp Pro Trp
1 5 10

<210> 5648
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5648
accatcaacc cagacacatc caagaaccag ttctccctgc agctgaactc tgtgactccc 60

gaggacacgg ctgtatattt ctgtgcaaga gaggggggc tgggccggct cgacccctgg 120

ggccaggga 129

<210> 5649
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5649

Thr Ile Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn
1 5 10 15

Ser Val Thr Pro Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Glu Gly
            20   25   30

Gly Leu Gly Arg Leu Asp Pro Trp Gly Gln Gly
        35   40

<210> 5650
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5650
accatcaacc cacacacatc caagaaccag ttctccctgc agctgaactc tgtgactccc 60

gaggacacgg ctgtatattt ctgtgcaaga gaggggggc tgggccggct cgacccctgg 120

ggccaggga 129

<210> 5651
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5651

Thr Ile Asn Pro His Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn
1   5   10   15

Ser Val Thr Pro Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Glu Gly
            20   25   30

Gly Leu Gly Arg Leu Asp Pro Trp Gly Gln Gly
        35   40

<210> 5652
<211> 16
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5652

Cys Ala Lys Asp Leu His Arg Ala Ser Tyr Tyr Gly Met Asp Ile Trp
1 5 10 15

<210> 5653
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5653
caccacaacg ccaggacttc cgtgtacctg cagatgaaca gtctgagaac tgacgacacg 60

gccttgtatt tctgtgcaaa agacctccac agggcctctt attatggtat ggatatttgg 120

ggccaaggg 129

<210> 5654
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5654

His His Asn Ala Arg Thr Ser Val Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Thr Asp Asp Thr Ala Leu Tyr Phe Cys Ala Lys Asp Leu His Arg Ala
20 25 30

Ser Tyr Tyr Gly Met Asp Ile Trp Gly Gln Gly
35 40

<210> 5655

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5655
agagacaacg ccaggacttc cgtgtacctg cagatgaaca gtctgagaac tgacgacacg 60

gccttgtatt tctgtgcaaa agacctccac agggcctctt attatggtat ggatatttgg 120

ggccaaggg 129

<210> 5656
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5656

Arg Asp Asn Ala Arg Thr Ser Val Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Thr Asp Asp Thr Ala Leu Tyr Phe Cys Ala Lys Asp Leu His Arg Ala
20 25 30

Ser Tyr Tyr Gly Met Asp Ile Trp Gly Gln Gly
35 40

<210> 5657
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5657

Cys Ala Arg Asp Ser Arg Gly Tyr Gly Phe Asp Tyr Trp
1 5 10

<210> 5658
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5658
accatctcca tacacaattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gattcgcgtg gttatggttt tgactactgg 120

ggccaggga 129

<210> 5659
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5659

Thr Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ser
            20   25   30

Arg Gly Tyr Gly Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5660
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5660
accatctcca gagacaattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gattcgcgtg gttatggttt tgactactgg 120

ggccaggga 129

<210> 5661
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5661

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ser
20 25 30

Arg Gly Tyr Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5662
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5662

Cys Ala Arg Ala Trp Gly Ser Ile Ala Ala Ala Asp Tyr Trp
1 5 10

<210> 5663
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5663

tttaccgcgg acaaatccac gagcacagcc tacatggagc tgagcagcct gatatctgag 60

gacacggccg tgtattactg tgcgagagct tggggaagta tagcagccgc tgactactgg 120

ggccaggga 129

<210> 5664
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5664

Phe Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Ile Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Trp Gly
20 25 30

Ser Ile Ala Ala Ala Asp Tyr Trp Gly Gln Gly
35 40

<210> 5665
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5665
attaccgcgg acaaatccac gagcacagcc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagagct tggggaagta tagcagccgc tgactactgg 120

ggccaggga 129

<210> 5666
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5666

Ile Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser
1   5   10   15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Trp Gly
            20   25   30

Ser Ile Ala Ala Ala Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5667
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5667

Cys Ala Arg Ser Arg Met Val Arg Gly Val Ile Met Thr His Phe Asp
1   5   10   15

Ile Trp

<210> 5668
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5668
acctccaaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccacg   60

tattactgtg cacggagccg tatggttcgg ggagttatta tgacccattt tgatatctgg   120

ggccaaggg   129

<210> 5669
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5669

Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1   5   10   15

Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ser Arg Met Val Arg Gly Val
            20   25   30

Ile Met Thr His Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 5670
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5670
cacctccaat accaggtggt ccttacaatg accaacatgg accctgtgga cacagccacg   60

tattactgtg cacggagccg tatggttcgg ggagttatta tgacccattt tgatatctgg   120

ggccaaggg   129

<210> 5671
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5671

His Leu Gln Tyr Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val

1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ser Arg Met Val Arg Gly Val
20 25 30

Ile Met Thr His Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 5672
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5672

Cys Ala Arg Arg Glu Val Gly Ala Gly Leu Asp Tyr Trp
1 5 10

<210> 5673
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5673
accatctcag ccgacaagtc catcagcacc gcctacctgc agtggagcag cctgaaggcc 60

tcggacaccg ccatgtattg ctgtgcgaga cgggaagtgg gagctggatt agactactgg 120

ggccaggga 129

<210> 5674
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5674

Thr Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser
1 5 10 15

Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Cys Cys Ala Arg Arg Glu
20 25 30

Val Gly Ala Gly Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 5675
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5675
accatctcag ccgacaagtc catcagcacc gcctacctgc agtggagcag cctgaaggcc 60

tcggacaccg ccatgtatta ctgtgcgaga cgggaagtgg gagctggatt agactactgg 120

ggccaggga 129

<210> 5676
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5676

Thr Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser
1 5 10 15

Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Arg Glu
20 25 30

Val Gly Ala Gly Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 5677
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5677

Cys Ala Arg Ser Gly Ala Thr His Tyr Phe Asp Tyr Trp
1 5 10

<210> 5678
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5678
accatgacca cagacacatc cacgagcaca gcctacatgg agctgaggag cctgagatct 60

gacgacacgg ccgtgtatta ctgtgcgaga tcgggagcta cccactactt tgactactgg 120

ggccaggga 129

<210> 5679
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5679

Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg
1 5 10 15

Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ser Gly
20 25 30

Ala Thr His Tyr Phe Asp Tyr Trp Gly Gln Gly

35 40

<210> 5680
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5680
accatgacca cagacacatc cacgagcaca gcctacatgg agctgaggag cctgagacct 60

gacgacacgg ccgtgtatta ctgtgcgaga tcgggagcta cccactactt tgactactgg 120

ggccaggga 129

<210> 5681
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5681

Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg
1 5 10 15

Ser Leu Arg Pro Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ser Gly
20 25 30

Ala Thr His Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5682
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5682

Cys Ala Lys Asp Cys Cys Ser Gly Ile Leu Tyr Tyr Gly Met Asp Val
1   5   10   15

Trp

<210> 5683
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5683
gacagcgcca agaactccct gtatctgcaa atgaacagtc tgagagctga ggacacggcc 60

ttgtattact gtgcaaaaga ttgctgctcc ggcatcctct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5684
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5684

Asp Ser Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Cys Cys Ser Gly Ile
            20   25   30

Leu Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5685
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5685
gacaacgcca agaactccct gtatctgcaa atgaacagtc tgagagctga ggacacggcc 60

ttgtattact gtgcaaaaga ttgctgctcc ggtatcctct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5686
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5686

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Cys Cys Ser Gly Ile
20 25 30

Leu Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5687
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5687

Cys Ala Arg Lys Asn Asn Trp Asn Tyr Asp Leu Pro Asp Ser Trp
1 5 10 15

<210> 5688

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5688
tccttggaca cctctgtcag cacggcatat ctgcagatca gcagcctaaa ggctgagggc 60

actgccgtgt attactgtgc gagaaaaaat aattggaact acgatctccc cgactcctgg 120

ggccaggga 129

<210> 5689
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5689

Ser Leu Asp Thr Ser Val Ser Thr Ala Tyr Leu Gln Ile Ser Ser Leu
1 5 10 15

Lys Ala Glu Gly Thr Ala Val Tyr Tyr Cys Ala Arg Lys Asn Asn Trp
20 25 30

Asn Tyr Asp Leu Pro Asp Ser Trp Gly Gln Gly
35 40

<210> 5690
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5690
tccttggaca cctctgtcag cacggcatat ctgcagatca gcagcctaaa ggctgaggac 60

actgccgtgt attactgtgc gagaaaaaat aactggaact acgatctccc cgactcctgg 120

ggccaggga 129

<210> 5691
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5691

Ser Leu Asp Thr Ser Val Ser Thr Ala Tyr Leu Gln Ile Ser Ser Leu
1 5 10 15

Lys Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Lys Asn Asn Trp
20 25 30

Asn Tyr Asp Leu Pro Asp Ser Trp Gly Gln Gly
35 40

<210> 5692
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5692

Cys Ala Lys Asp Pro Gly Tyr Tyr Tyr Asp Ser Ser Gly Lys Asn Trp
1 5 10 15

Tyr Phe Asp Leu Trp
20

<210> 5693
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5693
aacacgctgt atctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatc ctgggtatta ctatgatagt agtggaaaga actggtactt cgatctctgg 120

ggccgtggc 129

<210> 5694
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5694

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Asp Pro Gly Tyr Tyr Tyr Asp Ser Ser Gly
20 25 30

Lys Asn Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 5695
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5695
aacacgatgt atctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatc ctgggtatta ctatgatagt agtggaaaga actggtactt cgatctctgg 120

ggccgtggc 129

<210> 5696
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5696

Asn Thr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Asp Pro Gly Tyr Tyr Tyr Asp Ser Ser Gly
20 25 30

Lys Asn Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 5697
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5697

Cys Ala Arg Ile Arg Ala Ala Ala Gly Tyr Tyr Phe Asp Tyr Trp
1 5 10 15

<210> 5698
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5698
ctccaaggac acctccaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacgt attactgtgc acggatacgg gcagcagctg ggtactactt tgactactgg 120

ggccaggga 129

<210> 5699

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5699

Leu Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ile Arg Ala Ala
20 25 30

Ala Gly Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5700
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5700
tccaaggaca cctccaaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacgt attactgtgc acggatacgg gcagcagctg ggtactactt tgactactgg 120

ggccaggga 129

<210> 5701
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5701

Ser Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ile Arg Ala Ala
20 25 30

Ala Gly Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5702
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5702

Cys Ala Arg Arg Leu Ile Ser Gly Thr Thr Leu Ala Pro Ser Asp Tyr
1 5 10 15

Trp

<210> 5703
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5703
gacacgtcca agaaccagtt ctccctgaag ctgaactctg tgaccgccgc agacacggct 60

gtgtattact gtgcgagacg attgatctca gggactaccc tggcccccag tgactactgg 120

ggccaggga 129

<210> 5704
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5704

Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Asn Ser Val Thr Ala
1 5 10 15

Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Arg Leu Ile Ser Gly Thr
20 25 30

Thr Leu Ala Pro Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 5705
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5705
gacacgccca acaaccagtt ctccctgaag ctgaactctg tgaccgccgc agacacggct 60

gtgtattact gtgcgagacg attgatctca gggactaccc tggcccccag tgactactgg 120

ggccaggga 129

<210> 5706
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5706

Asp Thr Pro Asn Asn Gln Phe Ser Leu Lys Leu Asn Ser Val Thr Ala
1 5 10 15

Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Arg Leu Ile Ser Gly Thr
20 25 30

Thr Leu Ala Pro Ser Asp Tyr Trp Gly Gln Gly

35 40

<210> 5707
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5707

Cys Ala Arg Val Gly Ser Gly Asp Ser Ser Gly Tyr Tyr Leu Phe Pro
1 5 10 15

Asp Tyr Trp

<210> 5708
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5708
tccatgagca cagtctacat ggagctgagc agcctgagat ctgaggacac ggccgtgtat 60

tactgtgcga gagtagggtc gggtgatagt agtggttatt acttgttccc cgactactgg 120

ggccaggga 129

<210> 5709
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5709

Ser Met Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Val Gly Ser Gly Asp Ser Ser Gly
            20   25   30

Tyr Tyr Leu Phe Pro Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5710
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5710
tccacgagca cagtctacat ggagctgagc agcctgagat ctgaggacac ggccgtgtat 60

tactgtgcga gagtagggtc gggtgatagt agtggttatt acttgttccc cgactactgg 120

ggccaggga 129

<210> 5711
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5711

Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Arg Val Gly Ser Gly Asp Ser Ser Gly
            20   25   30

Tyr Tyr Leu Phe Pro Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5712
<211> 16
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5712

Cys Ala Arg Pro His Gly Thr Ala Trp Tyr Pro Trp Phe Asp Pro Trp
1 5 10 15

<210> 5713
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5713
gttgacacgt ccaagaacca gttctccctg aagctgaact ctgtgaccgc cgcagacacg 60

gctgtgtatt actgtgcgag accccatggc actgcctggt acccgtggtt cgacccctgg 120

ggccaggga 129

<210> 5714
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5714

Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Asn Ser Val Thr
1 5 10 15

Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Pro His Gly Thr Ala
20 25 30

Trp Tyr Pro Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5715

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5715
gttgacacgc ccaagaacca gttcaccctg aagctgaact ctgtgaccgc cgcagacacg 60

gctgtgtatt actgtgcgag accccatggc actgcctggt acccgtggtt cgacccctgg 120

ggccaggga 129

<210> 5716
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5716

Val Asp Thr Pro Lys Asn Gln Phe Thr Leu Lys Leu Asn Ser Val Thr
1 5 10 15

Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Pro His Gly Thr Ala
20 25 30

Trp Tyr Pro Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5717
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5717

Cys Ala Arg Gly Thr Thr Leu Pro Ser Tyr Asp Phe Trp Ser Gly Asn
1 5 10 15

Ser Gly Tyr Tyr Gly Met Asp Val Trp
            20   25

<210> 5718
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5718
ttggagctga gcagcctgag atctgaggac acggccgtgt attactgtgc gagagggact   60

acacttccga gttacgattt ttggagtggg aactcaggct actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 5719
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5719

Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Gly Thr Thr Leu Pro Ser Tyr Asp Phe Trp Ser Gly Asn Ser
            20   25   30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5720
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5720
atggagctga gcagcctgag atctgaggac acggccgtgt attactgtgc gagagggact 60

acacttccga gttacgattt ttggagtggg aactcaggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5721
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5721

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Gly Thr Thr Leu Pro Ser Tyr Asp Phe Trp Ser Gly Asn Ser
20 25 30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5722
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5722

Cys Ala Arg Asp Pro Thr Pro Val Val Val Leu Gln Gly His Ala Phe
1 5 10 15

Asp Ile Trp

<210> 5723

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5723
tccacgagca cagcctacat ggagctgagc agcctgagat ctgaggacac ggccgtgtat 60

tactgtgcga gagatccaac tcctgtagtg gttctacagg ggcatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5724
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5724

Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Asp Pro Thr Pro Val Val Val Leu
20 25 30

Gln Gly His Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 5725
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5725
tccacgagca aagcctacat ggagctgagc agcctgagat ctgaggacac ggccgtgtat 60

tactgtgcga gagatccaac tcctgtagtg gttctacagg ggcatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5726
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5726

Ser Thr Ser Lys Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Asp Pro Thr Pro Val Val Val Leu
20 25 30

Gln Gly His Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 5727
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5727

Cys Ala Arg Ala Pro Ala Ala Ala Gly Asp Tyr Tyr Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val Trp
20

<210> 5728
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5728
acgagcacag cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgaggg cccccgcagc agctggggat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5729
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5729

Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Ala Pro Ala Ala Ala Gly Asp Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5730
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5730
acgaccaccg cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgaggg cccccgcagc agctggggat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5731
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5731

Thr Thr Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Ala Pro Ala Ala Ala Gly Asp Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5732
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5732

Cys Ala Lys Val Ile Thr Ile Gly Pro Asp Tyr Trp
1 5 10

<210> 5733
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5733
ttcaccatct ccagagacaa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaagttatta cgataggacc tgactactgg 120

ggccaggga 129

<210> 5734

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5734

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val
20 25 30

Ile Thr Ile Gly Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 5735
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5735
ttcaccatct ccagacacaa ttccaagaac acgctgtatc tgcaaatcaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaagttatta cgataggacc tgactactgg 120

ggccaggga 129

<210> 5736
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5736

Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Ile
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val
            20   25   30

Ile Thr Ile Gly Pro Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5737
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5737

Cys Ala Arg Thr Asp Trp Phe Asp Pro Trp
1   5   10

<210> 5738
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5738
ggcagagtca ccatgaccag gaacacctcc ataagcacag cctacatgga gctgagcagc   60

ctgagatctg aggacacggc cgtgtattac tgtgcgagga cggactggtt cgacccctgg   120

ggccaggga   129

<210> 5739
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5739

Gly Arg Val Thr Met Thr Arg Asn Thr Ser Ile Ser Thr Ala Tyr Met

1 5 10 15

Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala
20 25 30

Arg Thr Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5740
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5740
ggcagagaca ccatgaccag caacacctcc ataagcacag cctacatgga gctgagcagc 60

ctgagatctg aggacacggc cgtgtattac tgtgcgagga cggactggtt cgacccctgg 120

ggccaggga 129

<210> 5741
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5741

Gly Arg Asp Thr Met Thr Ser Asn Thr Ser Ile Ser Thr Ala Tyr Met
1 5 10 15

Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala
20 25 30

Arg Thr Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5742

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5742

Cys Ala Thr Gly Gly Val Phe Pro Val Gly Trp Leu Asp Pro Trp
1 5 10 15

<210> 5743
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5743
tccagagaca attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaccgggggg gttttcccgg tcggctggct cgacccctgg 120

ggccaggga 129

<210> 5744
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5744

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Gly Gly Val Phe
20 25 30

Pro Val Gly Trp Leu Asp Pro Trp Gly Gln Gly
35 40

<210> 5745
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5745
tacagagaaa attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaccgggggg gttttcccgg tcggctggct cgacccctgg 120

ggccaggga 129

<210> 5746
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5746

Tyr Arg Glu Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Gly Gly Val Phe
20 25 30

Pro Val Gly Trp Leu Asp Pro Trp Gly Gln Gly
35 40

<210> 5747
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5747

Cys Ala Arg Gly Arg Leu Gly Arg Ala Ala Ala Gly Lys Gly Arg Ala

1 5 10 15

Tyr Tyr Phe Asp Tyr Trp
20

<210> 5748
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5748
ctgttctccc tgatgctgag ctctgtgacc gccgcggaca cggctgtgta ttactgtgcg 60

agaggccggt tggggcgggc agcagctggt aagggccgcg cctactactt tgactactgg 120

ggccaggga 129

<210> 5749
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5749

Leu Phe Ser Leu Met Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Gly Arg Leu Gly Arg Ala Ala Ala Gly Lys Gly
20 25 30

Arg Ala Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5750
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5750
cagttctccc tgaagctgag ctctgtgacc gccgcggaca cggctgtgta ttactgtgcg 60

agaggccggt tggggcgggc agcagctggt aagggccgcg cctactactt tgactactgg 120

ggccaggga 129

<210> 5751
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5751

Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Gly Arg Leu Gly Arg Ala Ala Ala Gly Lys Gly
            20   25   30

Arg Ala Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5752
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5752

Cys Ala Lys Glu Glu Gly Pro Trp
1   5

<210> 5753
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5753
gtgaagggcc tattcaccat ctccagagac aacgccaaga actccctgta tcttcaaatg 60

aacagtctga gagctgagga cacggccttg tattactgtg caaaagaaga gggcccctgg 120

ggccaggga 129

<210> 5754
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5754

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

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr
20 25 30

Cys Ala Lys Glu Glu Gly Pro Trp Gly Gln Gly
35 40

<210> 5755
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5755
gtgaagggcc gattcaccat ctccagagac aacgccaaga actccctgta tctgcaaatg 60

aacagtctga gagctgagga cacggccttg tattactgtg caaaagaaga gggcccctgg 120

ggccaggga 129

<210> 5756
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5756

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

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr
20 25 30

Cys Ala Lys Glu Glu Gly Pro Trp Gly Gln Gly
35 40

<210> 5757
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5757

Cys Ala Arg Gln Asp Ala Gly Ala Ser Cys Ile Asp Trp
1 5 10

<210> 5758
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5758
accatctcag ccgacaagtc catcaccacc gcctacctac agttgaacag cctggaggcc 60

tcggacaccg ccatctatta ctgtgcgaga caggatgctg gtgctagttg catcgactgg 120

ggccaggga 129

<210> 5759
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5759

Thr Ile Ser Ala Asp Lys Ser Ile Thr Thr Ala Tyr Leu Gln Leu Asn
1 5 10 15

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

Ala Gly Ala Ser Cys Ile Asp Trp Gly Gln Gly
35 40

<210> 5760
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5760
ccatctcagc cgacaagtcc atccaccacc gcctacctac agttgaacag cctggaggcc 60

tcggacaccg ccatctatta ctgtgcgaga caggatgctg gtgctagttg catcgactgg 120

ggccaggga 129

<210> 5761
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5761

Pro Ser Gln Pro Thr Ser Pro Ser Thr Thr Ala Tyr Leu Gln Leu Asn
1 5 10 15

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

Ala Gly Ala Ser Cys Ile Asp Trp Gly Gln Gly
35 40

<210> 5762
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5762

Cys Thr Thr Asp Pro Tyr Asp Phe Trp Thr Asp Tyr Trp
1 5 10

<210> 5763
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5763
accatctcaa gagatgattc aaaaaacacg ctgtatctgc aaatgaacag cctgaaaacc 60

gaggacacag ccgtgtatta ctgtaccaca gacccatacg atttttggac tgactactgg 120

ggccaggga 129

<210> 5764
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5764

Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Asp Pro
20 25 30

Tyr Asp Phe Trp Thr Asp Tyr Trp Gly Gln Gly
35 40

<210> 5765
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5765
accatctcaa gagatgattc aaaaaacacg ctgtatctgc aaatgaacag cctgaaaacc 60

gaggacacag ccgtgcatta ctgtaccaca gacccatacg atttttggac tgactactgg 120

ggccaggga 129

<210> 5766
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5766

Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val His Tyr Cys Thr Thr Asp Pro
20 25 30

Tyr Asp Phe Trp Thr Asp Tyr Trp Gly Gln Gly

35 40

<210> 5767
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5767

Cys Ala His Ser Tyr Pro Phe Met Thr Thr Val Thr Tyr Phe Asp Tyr
1 5 10 15

Trp

<210> 5768
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5768
gacacctcca aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacag ttacccctttt atgactacgg tgacctactt tgactactgg 120

ggccaggga 129

<210> 5769
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5769

Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Tyr Pro Phe Met Thr
            20   25   30

Thr Val Thr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5770
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5770
ggacacctcc aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacag ttacccctttt atgactacgg tgacctactt tgactactgg 120

ggccaggga 129

<210> 5771
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5771

Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1   5   10   15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Tyr Pro Phe Met Thr
            20   25   30

Thr Val Thr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5772
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5772

Cys Ile Pro Gly Tyr Ser Ser Gly Leu Arg Leu Leu Asp Tyr Trp
1 5 10 15

<210> 5773
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5773
tccagagatt attcaaacaa cacggcgtat ctgcaaatga acagcctgaa aaccgaggac 60

acggccgtgt attactgtat tcccgggtat agcagtggcc tgaggctact tgactactgg 120

ggccaggga 129

<210> 5774
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5774

Ser Arg Asp Tyr Ser Asn Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ile Pro Gly Tyr Ser Ser
20 25 30

Gly Leu Arg Leu Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 5775

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5775
tccagagatg attcaaagaa cacggcgtat ctgcaaatga acagcctgaa aaccgaggac 60

acggccgtgt attactgtat tcccgggtat agcagtggcc tgaggctact tgactactgg 120

ggccaggga 129

<210> 5776
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5776

Ser Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ile Pro Gly Tyr Ser Ser
20 25 30

Gly Leu Arg Leu Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 5777
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5777

Cys Ala Arg Asn Leu Leu Phe Ala Asp Phe Trp
1 5 10

<210> 5778
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5778
ttaatcaccc tgaccatgga cacgtccacg agcacagtct acatggaact gagcagcctg 60

agatctgagg acacggccgt gtattactgt gcgagaaacc ttctttttgc ggacttctgg 120

ggccaggga 129

<210> 5779
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5779

Leu Ile Thr Leu Thr Met Asp Thr Ser Thr Ser Thr Val Tyr Met Glu
1 5 10 15

Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg
20 25 30

Asn Leu Leu Phe Ala Asp Phe Trp Gly Gln Gly
35 40

<210> 5780
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5780
agaatcaccc tgaccatgga cacgtccacg agcacagtct acatggaact gagcagcctg 60

agatctgagg acacggccgt gtattactgt gcgagaaacc ttctttttgc ggacttctgg 120

ggccaggga 129

<210> 5781
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5781

Arg Ile Thr Leu Thr Met Asp Thr Ser Thr Ser Thr Val Tyr Met Glu
1 5 10 15

Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg
20 25 30

Asn Leu Leu Phe Ala Asp Phe Trp Gly Gln Gly
35 40

<210> 5782
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5782

Cys Ala Ser Tyr Ser Asn Ser Trp Ser Ser Trp Asp Tyr Trp
1 5 10

<210> 5783
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5783

atatcagtag acacgtccaa aaaccagttc tccctgaagc tgagctctgt gaccgccgcg 60

gacacggccg tgtattactg tgccagttat agtaacagct ggtcgagttg ggactactgg 120

ggccaggga 129

<210> 5784
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5784

Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
1 5 10 15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Ser Tyr Ser Asn
20 25 30

Ser Trp Ser Ser Trp Asp Tyr Trp Gly Gln Gly
35 40

<210> 5785
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5785
acatcagtag acacgtccaa aaaccagttc tccctgaagc tgagctctgt gaccgccgcg 60

gacacggccg tgtattactg tgccagttat agtaacagct ggtcgagttg ggactactgg 120

ggccaggga 129

<210> 5786
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5786

Thr Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
1   5   10   15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Ser Tyr Ser Asn
            20   25   30

Ser Trp Ser Ser Trp Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5787
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5787

Cys Ala Lys Phe Ile Ala Ala Ala Gly Phe Asp Tyr Trp
1   5   10

<210> 5788
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5788
accatctcca tatataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc   60

gaggacacgg ccgtatatta ctgtgcgaaa tttatagcag cagctggttt tgactactgg   120

ggccaggga   129

<210> 5789
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5789

Thr Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Phe Ile
            20   25   30

Ala Ala Ala Gly Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5790
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5790
accatctcca gagataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc   60

gaggacacgg ccgtatatta ctgtgcgaaa tttatagcag cagctggttt tgactactgg   120

ggccaggga   129

<210> 5791
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5791

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Phe Ile

20 25 30

Ala Ala Ala Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5792
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5792

Cys Ala Arg Ala Leu Arg Ser Gly Gln Gly Ser Ser Pro Ser Asn Asn
1 5 10 15

Trp Phe Asp Pro Trp
20

<210> 5793
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5793
aaccagttct ccctgaagct gagctctgtg accgccgcgg acacggctgt gtattactgt 60

gcgagagccc tgcgatcagg ccagggcagc agcccctcga acaactggtt cgacccctgg 120

ggccaggga 129

<210> 5794
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5794

Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Ala Leu Arg Ser Gly Gln Gly Ser Ser Pro
            20 25 30

Ser Asn Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35 40

<210> 5795
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5795
aaccagttct ccccgaagct gagctctgtg accgccgcgg acacggctgt gtattactgt 60

gcgagagccc tgcgatcagg ccagggcagc agcccctcga acaactggtt cgacccctgg 120

ggccaggga 129

<210> 5796
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5796

Asn Gln Phe Ser Pro Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Ala Leu Arg Ser Gly Gln Gly Ser Ser Pro
            20 25 30

Ser Asn Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35 40

<210> 5797
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5797

Cys Ala Lys Gly Pro Ile Val Val Val Pro Ala Ala Ile Arg Asn Pro
1 5 10 15

Pro Asp Tyr Trp
20

<210> 5798
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5798
aagaacacgc tgtatctgca aatgaacagc ctgagagccg aggacacggc cgtatattac 60

tgtgccaagg ggccgattgt agtagtacca gctgctatac gtaatccccc agactactgg 120

ggccaggga 129

<210> 5799
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5799

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Lys Gly Pro Ile Val Val Val Pro Ala Ala

20 25 30

Ile Arg Asn Pro Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 5800
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5800
aagaacacgc tgtatctaca aatgaacagc ctgagagccg aggacacggc cgtatattac 60

tgtgccaagg ggccgattgt agtagtacca gctgctatac gtaatccccc agactactgg 120

ggccaggga 129

<210> 5801
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5801

Cys Ala Arg Arg Gly Ser Ser Trp Ser Trp Ala Phe Asp Pro Trp
1 5 10 15

<210> 5802
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5802
tcagccgaca gctccagcag caccgcctac ctgcagtgga gcagcctgaa ggcctcggac 60

accgccatgt attactgtgc gagacgtggc agcagctggt catgggcctt cgacccctgg 120

ggccaggga 129

<210> 5803
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5803

Ser Ala Asp Ser Ser Ser Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu
1 5 10 15

Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Arg Gly Ser Ser
20 25 30

Trp Ser Trp Ala Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5804
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5804
tcagccgaca agtccatcag caccgcctac ctgcagtgga gcagcctgaa ggcctcggac 60

accgccatgt attactgtgc gagacgtggc agcagctggt catgggcctt cgacccctgg 120

ggccaggga 129

<210> 5805
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5805

Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu
1   5   10   15

Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Arg Gly Ser Ser
            20   25   30

Trp Ser Trp Ala Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 5806
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5806

Cys Ala Arg Asp Ile Asp Ala Pro Gly Thr Thr Tyr Tyr Phe Asp Tyr
1   5   10   15

Trp

<210> 5807
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5807
gacaacgcca agaactccct gtatctgcaa atggactccc tgagagccga ggacacggcc 60

gtgtactact gtgcgagaga tatagacgcg cctggaacga cctattactt tgactactgg 120

ggccaggga 129

<210> 5808
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5808

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asp Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ile Asp Ala Pro Gly
20 25 30

Thr Thr Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5809
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5809
gacaacgcca acaactccct gtatctgcaa atggactccc tgagagccga ggacacggcc 60

gtgtactact gtgcgagaga tatagacgcg cctggaacga cctattactt tgactactgg 120

ggccaggga 129

<210> 5810
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5810

Asp Asn Ala Asn Asn Ser Leu Tyr Leu Gln Met Asp Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ile Asp Ala Pro Gly

20 25 30

Thr Thr Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5811
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5811

Cys Ala Arg Val Arg Pro Val Val Ala Thr Met Phe Leu Asn Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 5812
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5812
tgcacagtct acttggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagttc ggccggtagt ggctacgatg ttcctaaact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5813
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5813

Cys Thr Val Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Val Arg Pro Val Val Ala Thr Met Phe Leu
            20   25   30

Asn Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5814
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5814
agcacagtct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagttc ggccggtagt ggctacgatg ttcctaaact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5815
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5815

Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Val Arg Pro Val Val Ala Thr Met Phe Leu
            20   25   30

Asn Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5816
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5816

Cys Ala Arg Leu Ser Thr Gln Gln Trp Leu Pro Glu Asp Ala Phe Asp
1 5 10 15

Met Trp

<210> 5817
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5817
aaatccatct gtaccgccta cttgcagcgg agtagtctgc aggtctcgga caccgccata 60

tattactgtg cgagactgtc gactcagcag tggctgccag aagatgcttt tgatatgtgg 120

ggccaaggg 129

<210> 5818
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5818

Lys Ser Ile Cys Thr Ala Tyr Leu Gln Arg Ser Ser Leu Gln Val Ser
1 5 10 15

Asp Thr Ala Ile Tyr Tyr Cys Ala Arg Leu Ser Thr Gln Gln Trp Leu

20 25 30

Pro Glu Asp Ala Phe Asp Met Trp Gly Gln Gly
35 40

<210> 5819
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5819
aaatccatca gtaccgccta catgcagcgg agtagtctgc aggtctcgga caccgccata 60

tattactgtg cgagactgtc gactcagcag tggctgccag aagatgcttt tgatatgtgg 120

ggccaaggg 129

<210> 5820
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5820

Lys Ser Ile Ser Thr Ala Tyr Met Gln Arg Ser Ser Leu Gln Val Ser
1 5 10 15

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

Pro Glu Asp Ala Phe Asp Met Trp Gly Gln Gly
35 40

<210> 5821
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5821

Cys Thr Thr Asp Leu Tyr Arg Tyr Ser Ser Ser Trp Asp Tyr Phe Asp
1   5   10   15

Tyr Trp

<210> 5822
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5822
gattcaaaaa acacgctgta tctgcaaatg aacagcctga aaaccgagga cacagccgtg   60

tattattgta ccacagatct atataggtat agcagcagct gggactactt tgactactgg   120

ggccaggga   129

<210> 5823
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5823

Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Thr Thr Asp Leu Tyr Arg Tyr Ser Ser
            20   25   30

Ser Trp Asp Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5824
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5824
gattcaaaaa acacgctgta tctgcaaatg aacagcctga aaaccgagga cacagccgtg 60

tattactgta ccacagatct atataggtat agcagcagct gggactactt tgactactgg 120

ggccaggga 129

<210> 5825
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5825

Cys Thr Arg Gln Leu Gly Gly Ser Gly Ser Asp Tyr Trp
1 5 10

<210> 5826
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5826
atcatcagcc cagacacatc caagaaccag ttctccctgc aattgaactc tgtgactccc 60

gacgacacgg ctgtgtatta ctgtacaaga cagctcggtg gttcaggatc tgattactgg 120

ggccaggga 129

<210> 5827
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5827

Ile Ile Ser Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn
1   5   10   15

Ser Val Thr Pro Asp Asp Thr Ala Val Tyr Tyr Cys Thr Arg Gln Leu
            20   25   30

Gly Gly Ser Gly Ser Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5828
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5828
atcatcaacc cagacacatc caagaaccag ttctccctgc aactgaactc tgtgactccc 60

gaggacacgg ctgtgtatta ctgtacaaga caactcggtg gttcaggatc tgattactgg 120

ggccaggga 129

<210> 5829
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5829

Ile Ile Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn
1   5   10   15

Ser Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Gln Leu

20 25 30

Gly Gly Ser Gly Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 5830
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5830

Cys Ala Arg Gly Gln Glu Glu Gly Tyr Ser Ser Ser Trp Tyr Arg Gly
1 5 10 15

Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
20 25

<210> 5831
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5831
ttggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagaggccag 60

gaggaggggt atagcagcag ctggtaccgg ggctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5832
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5832

Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Gly Gln Glu Glu Gly Tyr Ser Ser Ser Trp Tyr Arg Gly Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5833
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5833
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagaggccag 60

gaggaggggt atagcagcag ctggtaccgg ggctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5834
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5834

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Gly Gln Glu Glu Gly Tyr Ser Ser Ser Trp Tyr Arg Gly Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5835
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5835

Cys Ala His Ser Leu Ser Pro Tyr Ser Pro Ala Trp Phe Asp Pro Trp
1 5 10 15

<210> 5836
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5836
caaggacacc tccaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cagtctgagt ccttatagcc ccgcctggtt cgacccctgg 120

ggccaggga 129

<210> 5837
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5837

Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Leu Ser Pro Tyr
20 25 30

Ser Pro Ala Trp Phe Asp Pro Trp Gly Gln Gly

35 40

<210> 5838
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5838
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cagtctgagt ccttatagcc ccgcctggtt cgacccctgg 120

ggccaggga 129

<210> 5839
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5839

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Leu Ser Pro Tyr
20 25 30

Ser Pro Ala Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5840
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5840

```
Cys Ala Lys Gly Arg Ser Ser Trp Pro Tyr Tyr Tyr Tyr Gly Met Asp
1               5                   10                  15


Val Trp
```

<210> 5841
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5841

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aattccaaga acacgctgta tctgcaaatg aacagcctga gagccgagga cacggccgta       60

tattactgtg cgaaggggcg cagcagctgg ccctactact actacggtat ggacgtctgg      120

ggccaaggg                                                              129
```

<210> 5842
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5842

```
Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1               5                   10                  15


Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Arg Ser Ser Trp Pro Tyr
            20                  25                  30


Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35                  40
```

<210> 5843
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5843
aattccaaga acacgctgta tctgcaaatg aacagcctga gagccgagga cacggccgta 60

tattactgtg cgaaagggcg cagcagctgg ccctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5844
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5844

Cys Ala Lys Asp Leu Gly Ser Gly Ser Ser Ala Tyr Tyr Tyr Gly Met
1 5 10 15

Asp Val Trp

<210> 5845
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5845
gccaagaact ccctgtatct gcaaatgaac agtctgagag ctgaggacac ggccttgtat 60

tactgtgcaa aagatcttgg ttcggggagc tcagcgtact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5846
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5846

Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1   5   10   15

Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Leu Gly Ser Gly Ser Ser Ala
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5847
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5847
gccaagaact ccctgtatct gcaaatgaac agcctgagag ctgaggacac ggccttgtat   60

tactgtgcaa aagatcttgg ttcggggagc tcagcgtact actacggtat ggacgtctgg   120

ggccaagga   129

<210> 5848
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5848

Cys Ala Arg Gly Ala Pro Asp Ser Ser Gly Tyr Tyr Phe Gln Gly Glu
1   5   10   15

Val Tyr Phe Asp Tyr Trp

20

<210> 5849
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5849
tcgctgtatc ttctaatggg cagcctgaga gctgaggaca tggctgtgta ttactgtgcg 60

agaggggccc ctgatagtag tggttattac ttccaagggg aggtctactt tgactactgg 120

ggccaggga 129

<210> 5850
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5850

Ser Leu Tyr Leu Leu Met Gly Ser Leu Arg Ala Glu Asp Met Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Gly Ala Pro Asp Ser Ser Gly Tyr Tyr Phe Gln
20 25 30

Gly Glu Val Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5851
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5851

acgctgtatc ttcaaatggg cagcctgaga gctgaggaca tggctgtgta ttactgtgcg 60

agaggggccc ctgatagtag tggttattac ttccaagggg aggtctactt tgactactgg 120

ggccaggga 129

<210> 5852
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5852

Thr Leu Tyr Leu Gln Met Gly Ser Leu Arg Ala Glu Asp Met Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Gly Ala Pro Asp Ser Ser Gly Tyr Tyr Phe Gln
20 25 30

Gly Glu Val Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5853
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5853

Cys Ala Ile Leu Ala Arg Thr Ser Tyr Phe Asp Trp Ser Lys Ile Phe
1 5 10 15

Asp Tyr Trp

<210> 5854
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5854
tccatcagca cagcctacat ggagctgagc aggctgagat ctgacgacac ggccgtgtat 60

tactgtgcga tcctagcccg gacctcctat tttgactggt caaaaatctt tgactactgg 120

ggccgggga 129

<210> 5855
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5855

Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu Arg Ser Asp Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Ile Leu Ala Arg Thr Ser Tyr Phe Asp
20 25 30

Trp Ser Lys Ile Phe Asp Tyr Trp Gly Arg Gly
35 40

<210> 5856
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5856
tccatcagca cagcctacat ggagctgagc aggctgagat ctgacgacac ggccgtgtat 60

tactgtgcga tcctagcccg gacctcctat tttgactggt caaaaatctt tgactactgg 120

ggccaggga 129

<210> 5857
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5857

Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu Arg Ser Asp Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Ile Leu Ala Arg Thr Ser Tyr Phe Asp
            20   25   30

Trp Ser Lys Ile Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5858
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5858

Cys Ala Arg Leu Val Val Ser Ala Ala Gly Asn Ser His Phe Asp Tyr
1   5   10   15

Trp

<210> 5859
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5859

gacaagtcca tcagcaccgc ctacctgcag tggagcagcc tgaaggcctc ggacaccgcc 60

atgtattact gtgcgagact tgtggttagt gcagctggca actctcactt tgactactgg 120

ggccaggga 129

<210> 5860
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5860

Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala
1 5 10 15

Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Leu Val Val Ser Ala Ala
20 25 30

Gly Asn Ser His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5861
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5861
gacaagtcca tcagcaccgc ctacctgcag tggagcagcc tgaaggcctc ggacaccgcc 60

atgtattact gtgcgagact tgtggttagt gcagctggca actcccactt tgactactgg 120

ggccgggga 129

<210> 5862
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5862

Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala
1   5   10   15

Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Leu Val Val Ser Ala Ala
            20   25   30

Gly Asn Ser His Phe Asp Tyr Trp Gly Arg Gly
        35   40

<210> 5863
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5863

Cys Ala Arg Glu Pro Pro Pro Thr Met Thr Thr Val Val Thr Ile Leu
1   5   10   15

Asp Tyr Trp

<210> 5864
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5864
tccacgagca cagtctacat ggagctgagc agcctgagat ctgaggacac ggccgtgtat   60

tactgtgcga gggaaccccc ccccaccatg actacggtgg taacgattct ggactactgg   120

ggccaggga   129

<210> 5865
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5865

Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Glu Pro Pro Pro Thr Met Thr Thr
20 25 30

Val Val Thr Ile Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 5866
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5866
gacacgagca cagtctacat ggagctgagc agcctgagat ctgaggacac ggccgtgtat 60

tactgtgcga gggaaccccc ccccaccatg actacggtgg taacgattct ggactactgg 120

ggccaggga 129

<210> 5867
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5867

Asp Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp

1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Glu Pro Pro Pro Thr Met Thr Thr
20 25 30

Val Val Thr Ile Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 5868
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5868

Cys Ala Lys Asp Leu Pro Tyr Cys Gly Gly Asp Cys Tyr Pro Asp Ala
1 5 10 15

Phe Asp Ile Trp
20

<210> 5869
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5869
aagaacgcgc tgtttctgca aatgaacagc ctgagagccg aggacacggc tgtgtattac 60

tgtgcgaaag accttccata ttgtggtggt gactgctacc ctgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5870
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5870

Lys Asn Ala Leu Phe Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Lys Asp Leu Pro Tyr Cys Gly Gly Asp Cys
            20   25   30

Tyr Pro Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 5871
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5871
aagaacacgc tgtttctgca aatgaacagc ctgagagccg aggacacggc tgtgtattac   60

tgtgcgaaag accttccata ttgtggtggt gactgctacc ctgatgcttt tgatatctgg   120

ggccaaggg   129

<210> 5872
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5872

Lys Asn Thr Leu Phe Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Lys Asp Leu Pro Tyr Cys Gly Gly Asp Cys
            20   25   30

Tyr Pro Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 5873
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5873

Cys Ala His Ser Ala Leu Tyr Tyr Gly Ser Gly Pro Arg Gly Trp Phe
1 5 10 15

Asp Pro Trp

<210> 5874
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5874
tccaaaaacc gggtggtcct tacaatgacc aacatggacc ctgtggacac agccacatat 60

tactgtgcac acagcgctct ttactatggt tcagggcccc ggggatggtt cgacccctgg 120

ggccaggga 129

<210> 5875
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5875

Ser Lys Asn Arg Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp

1 5 10 15

Thr Ala Thr Tyr Tyr Cys Ala His Ser Ala Leu Tyr Tyr Gly Ser Gly
20 25 30

Pro Arg Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5876
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5876
tccaaaaacc aggtggtcct tacaatgacc aacatggacc ctgtggacac agccacatat 60

tactgtgcac acagcgctct ttactatggt tcagggcccc ggggatggtt cgacccctgg 120

ggccaggga 129

<210> 5877
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5877

Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp
1 5 10 15

Thr Ala Thr Tyr Tyr Cys Ala His Ser Ala Leu Tyr Tyr Gly Ser Gly
20 25 30

Pro Arg Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5878

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5878

Cys Ala Ser Trp Gly Pro Leu Trp Ser Gly Ser Pro Asn Asp Ala Phe
1 5 10 15

Asp Ile Trp

<210> 5879
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5879
gccaagaact cgatgtatct gcaaatgaac agtctgagag ccgaggacac ggctgtgtat 60

tactgtgcaa gctgggggcc cctttggagt ggttccccaa atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5880
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5880

Ala Lys Asn Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Ser Trp Gly Pro Leu Trp Ser Gly Ser
20 25 30

Pro Asn Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 5881
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5881
gccaagaaca cgctgtatct gcaaatgaac agtctgagag ccgaggacac ggctgtgtat   60

tactgtgcaa gctgggggcc cctttggagt ggttccccaa atgatgcttt tgatatctgg   120

ggccaaggg   129

<210> 5882
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5882

Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Ser Trp Gly Pro Leu Trp Ser Gly Ser
            20   25   30

Pro Asn Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 5883
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5883

Cys Ala Lys Pro Pro Gly Gly Tyr Ser Ser Ser Trp Tyr Tyr Leu Asp
1 5 10 15

Tyr Trp

<210> 5884
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5884
aactccatga acaccctgta cctgcaaatg aacagcctga gagccgagga cacggccgta 60

tattactgtg cgaaaccgcc gggggggtat agcagcagct ggtactacct tgactattgg 120

ggccaggga 129

<210> 5885
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5885

Asn Ser Met Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Pro Pro Gly Gly Tyr Ser Ser
20 25 30

Ser Trp Tyr Tyr Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 5886

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5886
aactccatca acaccctgta cctgcaaatg aacagcctga gagccgagga cacggccgta 60

tattactgtg cgaaaccgcc gggggggtat agcagcagct ggtactacct tgactattgg 120

ggccaggga 129

<210> 5887
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5887

Asn Ser Ile Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Pro Pro Gly Gly Tyr Ser Ser
20 25 30

Ser Trp Tyr Tyr Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 5888
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5888

Cys Ala Arg Gly Leu Gly Gly Ser Pro Gly Leu Asp Tyr Trp
1 5 10

<210> 5889
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5889
ttgaccaggg acacgtccac gagcacagtc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgaggggg ctcgggggga gccccgggct tgactactgg 120

ggccaggga 129

<210> 5890
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5890

Leu Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Leu Gly
20 25 30

Gly Ser Pro Gly Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 5891
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5891
atgaccaggg acacgtccac gagcacagtc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgaggggg ctcgggggga gccccgggct tgactactgg 120

ggccaggga 129

<210> 5892
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5892

Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Leu Gly
20 25 30

Gly Ser Pro Gly Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 5893
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5893

Cys Ala Lys Ala Val Val Gln Gly Val Tyr Trp
1 5 10

<210> 5894
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5894

cggttcacca tctccagaga caattccaag aacacgctgt atctgcaaat gaacagcctg 60

agagccgagg acacggccgt atattactgt gcgaaggcgg tggtacaagg agtatactgg 120

ggccaggga 129

<210> 5895
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5895

Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
20 25 30

Ala Val Val Gln Gly Val Tyr Trp Gly Gln Gly
35 40

<210> 5896
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5896
cggttcacca tctccagaca caattccaag aacacgctgt atctgcaaat caacagcctg 60

agagccgagg acacggccgt atattactgt gcgaaggcgg tggtacaagg agtatactgg 120

ggccaggga 129

<210> 5897
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5897

Arg Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1   5   10   15

Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
            20   25   30

Ala Val Val Gln Gly Val Tyr Trp Gly Gln Gly
        35   40

<210> 5898
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5898

Cys Ala Arg Glu Gln Ser Leu Arg Asn Pro Asn Tyr Tyr Tyr Phe Tyr
1   5   10   15

Ala Met Asp Val Trp
            20

<210> 5899
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5899
tgcacagcct acttggagct gagcagcctg agatctgaag acacggctgt gtattactgt   60

gcgagagagc aaagtctaag gaacccaaat tactactact tctacgctat ggacgtctgg   120

ggccaaggg   129

<210> 5900
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5900

Cys Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Gln Ser Leu Arg Asn Pro Asn Tyr Tyr
20 25 30

Tyr Phe Tyr Ala Met Asp Val Trp Gly Gln Gly
35 40

<210> 5901
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5901
agcacagcct acatggagct gagcagcctg agatctgaag acacggctgt gtattactgt 60

gcgagagagc aaagtctaag gaacccaaat tactactact tctacgctat ggacgtctgg 120

ggccaaggg 129

<210> 5902
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5902

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala

1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Gln Ser Leu Arg Asn Pro Asn Tyr Tyr
20 25 30

Tyr Phe Tyr Ala Met Asp Val Trp Gly Gln Gly
35 40

<210> 5903
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5903

Cys Ala Arg Val Arg Gln Gly Leu Arg Arg Thr Trp Tyr Tyr Phe Asp
1 5 10 15

Tyr Trp

<210> 5904
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5904
aattccaaga acacgctgta tctgcaaatg aacagtctga gagccgagga cacggctgtg 60

tattactgtg caagagtgag gcaaggacta cggaggacgt ggtactactt tgactactgg 120

ggccaggga 129

<210> 5905
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5905

Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Arg Gln Gly Leu Arg Arg
            20   25   30

Thr Trp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5906
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5906
aacgccaaga acacgctgta tctgcaaatg aacagtctga gagccgagga cacggctgtg   60

tattactgtg caagagtgag gcaaggacta cggaggacgt ggtactactt tgactactgg   120

ggccaggga   129

<210> 5907
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5907

Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Arg Gln Gly Leu Arg Arg
            20   25   30

Thr Trp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5908
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5908

Cys Ala His Gly Arg Gly Ser Tyr Tyr Tyr Asp Ser Asn Tyr Phe Asp
1   5   10   15

Tyr Trp

<210> 5909
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5909
acctccaaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca   60

tattactgtg cacacgggcg gggatcatat tactatgata gtaactactt tgactactgg   120

ggccaggga   129

<210> 5910
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5910

Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val

1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Arg Gly Ser Tyr Tyr Tyr
20 25 30

Asp Ser Asn Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5911
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5911
cacctccaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacacgggcg gggatcatat tactatgata gtaactactt tgactactgg 120

ggccaggga 129

<210> 5912
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5912

His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Arg Gly Ser Tyr Tyr Tyr
20 25 30

Asp Ser Asn Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5913

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5913

Cys Ala His Arg Ser Ser Gly Tyr Ser Tyr Gly Ser Asp Tyr Phe Asp
1 5 10 15

Tyr Trp

<210> 5914
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5914
acctccaaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacacaggag cagtggatac agctatggtt cagactactt tgactactgg 120

ggccaggga 129

<210> 5915
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5915

Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Ser Ser Gly Tyr Ser Tyr
20 25 30

Gly Ser Asp Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5916
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5916
cacctccaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacacaggag cagtggatac agctatggtt cagactactt tgactactgg 120

ggccaggga 129

<210> 5917
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5917

His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Ser Ser Gly Tyr Ser Tyr
20 25 30

Gly Ser Asp Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5918
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5918

Cys Ala Lys Asp Met Arg Tyr Cys Ser Ser Pro Gly Cys Tyr Gly Asp
1 5 10 15

Trp Tyr Phe Asp Leu Trp
20

<210> 5919
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5919
tcgatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagatatga gatattgtag tagtcccggc tgctatggcg actggtactt cgatctctgg 120

ggccgtggc 129

<210> 5920
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5920

Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Asp Met Arg Tyr Cys Ser Ser Pro Gly Cys Tyr
20 25 30

Gly Asp Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 5921

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5921
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagatatga gatattgtag tagtcccggc tgctatggcg actggtactt cgatctctgg 120

ggccgtggc 129

<210> 5922
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5922

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Asp Met Arg Tyr Cys Ser Ser Pro Gly Cys Tyr
20 25 30

Gly Asp Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 5923
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5923

Cys Ala Arg Asp Leu Arg Ile Pro Ala Gly Thr Glu Gly Phe Asp Tyr
1 5 10 15

Trp

<210> 5924
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5924
gacaattcca aggacacact gtatcttcaa atgaacagcc tgagagccga ggacatggcc 60

gtgtatttct gtgcgagaga tctccgtata ccagctggta ccgagggctt tgactactgg 120

ggccaggga 129

<210> 5925
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5925

Asp Asn Ser Lys Asp Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Met Ala Val Tyr Phe Cys Ala Arg Asp Leu Arg Ile Pro Ala
20 25 30

Gly Thr Glu Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5926
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5926
gacaattcca agaacacact gtatcttcaa atgaacagcc tgagagccga ggacacggcc 60

gtgtatttct gtgcgagaga tctccgtata ccagctggta ccgagggctt tgactactgg 120

ggccaggga 129

<210> 5927
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5927

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Asp Leu Arg Ile Pro Ala
20 25 30

Gly Thr Glu Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5928
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5928

Cys Ser Arg Arg Met Gly Ser Tyr Ser Gly His Tyr Leu Gly Tyr Trp
1 5 10 15

<210> 5929
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5929
agtaacacat ccataagtac agcctacatg gaattgagcg gcctgaaatc tgacgacacg 60

gccgtctact attgttcgag gaggatgggc tcttatagtg gacactactt aggctactgg 120

ggccaggga 129

<210> 5930
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5930

Ser Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Gly Leu Lys
1   5   10   15

Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ser Arg Arg Met Gly Ser Tyr
            20   25   30

Ser Gly His Tyr Leu Gly Tyr Trp Gly Gln Gly
        35   40

<210> 5931
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5931
aggaacacat ccataagtac agcctacatg gaattgagcg gcctgaaatc tgacgacacg 60

gccgtctact attgttcgag gaggatgggc tcttatagtg gacactactt aggctactgg 120

ggccaggga 129

<210> 5932

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5932

Arg Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Gly Leu Lys
1 5 10 15

Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ser Arg Arg Met Gly Ser Tyr
20 25 30

Ser Gly His Tyr Leu Gly Tyr Trp Gly Gln Gly
35 40

<210> 5933
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5933

Cys Ala Arg Val Gly Glu Thr Ala Ala Ala Gly Met Val Asp Tyr Trp
1 5 10 15

<210> 5934
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5934
tgggacaacg ccaagaactc actgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgag agtgggggaa acagcagcag ctggaatggt ggactactgg 120

ggccaggga 129

<210> 5935
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5935

Trp Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Gly Glu Thr Ala
20 25 30

Ala Ala Gly Met Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 5936
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5936
agggacaacg ccaagaactc actgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgag agtgggggaa acagcagcag ctggaatggt ggactactgg 120

ggccaggga 129

<210> 5937
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5937

Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg

1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Gly Glu Thr Ala
20 25 30

Ala Ala Gly Met Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 5938
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5938

Cys Ala Lys Val Phe Ser Asn Ser His Phe Phe Asp Tyr Trp
1 5 10

<210> 5939
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5939
atctccatac acaattccaa gagcacgctg tatctgcaaa tgaacagcct gagacccgag 60

gacacggccg tatattactg tgcgaaagtg tttagcaaca gccacttctt tgactactgg 120

ggccaggga 129

<210> 5940
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5940

Ile Ser Ile His Asn Ser Lys Ser Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Phe Ser
            20 25 30

Asn Ser His Phe Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 5941
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5941
atctccagag acaattccaa gagcacgctg tatctgcaaa tgaacagcct gagacccgag 60

gacacggccg tatattactg tgcgaaagtg tttagcaaca gccacttctt tgactactgg 120

ggccaggga 129

<210> 5942
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5942

Ile Ser Arg Asp Asn Ser Lys Ser Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Phe Ser
            20 25 30

Asn Ser His Phe Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 5943
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5943

Cys Ala Arg Asp Leu Arg Tyr Cys Gly Gly Asp Cys Tyr Ser Leu Ala
1 5 10 15

Gly Ala Phe Asp Ile Trp
20

<210> 5944
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5944
acagtctact tggagctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg 60

agagatttac gatattgtgg tggtgactgc tattctttgg ctggtgcttt tgatatctgg 120

ggccaaggg 129

<210> 5945
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5945

Thr Val Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Asp Leu Arg Tyr Cys Gly Gly Asp Cys Tyr Ser

```
            20                  25                  30

Leu Ala Gly Ala Phe Asp Ile Trp Gly Gln Gly
        35                  40


<210>  5946
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  5946
acagtctaca tggagctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg       60

agagatttac gatattgtgg tggtgactgc tattctttgg ctggtgcttt tgatatctgg      120

ggccaaggg                                                              129


<210>  5947
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  5947

Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1               5                   10                  15


Tyr Tyr Cys Ala Arg Asp Leu Arg Tyr Cys Gly Gly Asp Cys Tyr Ser
            20                  25                  30


Leu Ala Gly Ala Phe Asp Ile Trp Gly Gln Gly
        35                  40


<210>  5948
<211>  11
<212>  PRT
<213>  Artificial Sequence
```

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5948

Cys Ala Arg Glu Ser Asn Ala Arg Leu Asp Trp
1   5   10

<210> 5949
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5949
ctattcacca tctccagata caatgccaag aactcactgt atctgcaaat gaacagcctg   60

agagacgagg acacggctgt gtattactgt gcgagagaat ccaacgctcg gctggactgg   120

ggccaggga   129

<210> 5950
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5950

Leu Phe Thr Ile Ser Arg Tyr Asn Ala Lys Asn Ser Leu Tyr Leu Gln
1   5   10   15

Met Asn Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg
            20   25   30

Glu Ser Asn Ala Arg Leu Asp Trp Gly Gln Gly
        35   40

<210> 5951
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5951
cgattcacca tctccagaga caatgccaag aactcactgt atctgcaaat gaacagcctg 60

agagacgagg acacggctgt gtattactgt gcgagagaat ccaacgctcg gctggactgg 120

ggccaggga 129

<210> 5952
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5952

Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg
20 25 30

Glu Ser Asn Ala Arg Leu Asp Trp Gly Gln Gly
35 40

<210> 5953
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5953

Cys Ala Arg Glu Ser Tyr Cys Thr Gly Gly Val Cys Tyr Pro Asn Tyr
1 5 10 15

Gly Met Asp Val Trp

20

<210> 5954
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5954
aacacgctgt atcttcaaat gaacagcctg agagccgagg acacggccgt gtattactgt 60

gcgagagaaa gctattgtac tggtggtgta tgctacccca actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5955
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5955

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Ser Tyr Cys Thr Gly Gly Val Cys Tyr
20 25 30

Pro Asn Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5956
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5956

aacacgatgt atcttcaaat gaacagcctg agagccgagt acacggccgt gtattactgt 60

gcgagagaaa gctattgtac tggtggtgta tgctacccca actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5957
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5957

Asn Thr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Tyr Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Ser Tyr Cys Thr Gly Gly Val Cys Tyr
20 25 30

Pro Asn Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5958
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5958

Cys Ala Arg Val Leu Tyr Ser Tyr Gly Pro Gly Pro Ile Asp Tyr Trp
1 5 10 15

<210> 5959
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5959
agagacaatg ccaagaactc agtgtatctg caaatgaaca gcctgagaga cgaggacacg 60

gctgtgtatt actgtgcgag agttctgtac agctatggtc cgggacctat tgactactgg 120

ggccaggga 129

<210> 5960
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5960

Arg Asp Asn Ala Lys Asn Ser Val Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Asp Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Leu Tyr Ser Tyr
20 25 30

Gly Pro Gly Pro Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 5961
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5961
agagacaatg ccaagaactc agtgtatctg caaatgaaca gcctgagaga cgaggacacg 60

gctgtgtatt actgtgcaag agttctgtac agctatggtc caggacctat tgactactgg 120

ggccaggga 129

<210> 5962
<211> 23
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5962

Cys Ala Arg Gly Arg Tyr Thr Ser Glu Trp Phe Gly Glu Phe Arg Gly
1 5 10 15

Arg Asn Trp Phe Asp Pro Trp
20

<210> 5963
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5963
gcctacttgg agctgaggag cctgagatct gacgacacgg ccgtgtatta ctgtgcgaga 60

ggacggtaca cttcggaatg gttcggggag ttccgcggac gcaactggtt cgacccctgg 120

ggccaggga 129

<210> 5964
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5964

Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Gly Arg Tyr Thr Ser Glu Trp Phe Gly Glu Phe Arg
20 25 30

Gly Arg Asn Trp Phe Asp Pro Trp Gly Gln Gly

35 40

<210> 5965
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5965
gcctacatgg agctgaggag cctgagatct gacgacacgg ccgtgtatta ctgtgcgaga 60

ggacggtaca cttcggaatg gttcggggag ttccgcggac gcaactggtt cgacccctgg 120

ggccaggga 129

<210> 5966
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5966

Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Gly Arg Tyr Thr Ser Glu Trp Phe Gly Glu Phe Arg
20 25 30

Gly Arg Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 5967
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5967

```
Cys Ala His Ala Phe Lys Gly Asp Phe Val Trp Ser Thr Ile Phe His
1               5                   10                  15


Ala Phe Asp Ile Trp
            20


<210>  5968
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  5968
aatcaggtgg tccttacaat gaccaatttg gaccctgtgg acacagccac atattactgt       60

gcacacgctt ttaagggcga ttttgtctgg tcaaccatct ttcatgcttt tgatatctgg      120

ggccaaggg                                                              129


<210>  5969
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  5969

Asn Gln Val Val Leu Thr Met Thr Asn Leu Asp Pro Val Asp Thr Ala
1               5                   10                  15


Thr Tyr Tyr Cys Ala His Ala Phe Lys Gly Asp Phe Val Trp Ser Thr
            20                  25                  30


Ile Phe His Ala Phe Asp Ile Trp Gly Gln Gly
        35                  40


<210>  5970
<211>  129
<212>  DNA
```

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5970
aaccaggtgg tccttacaat gaccaatttg gaccctgtgg acacagccac atattactgt 60

gcacacgctt ttaagggcga ttttgtctgg tcaaccatct ttcatgcttt tgatatctgg 120

ggccaaggg 129

<210> 5971
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5971

Cys Ala Arg Trp Ser His Asp Tyr Gly Asp Tyr Thr Ile Tyr Tyr Tyr
1 5 10 15

Tyr Gly Met Asp Val Trp
20

<210> 5972
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5972
actgcctact tggagctgag gagcctgaga tctgacgaca cggccgtgta ttactgtgcg 60

agatggagcc atgactacgg tgactacacc atctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5973
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5973

Thr Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Trp Ser His Asp Tyr Gly Asp Tyr Thr Ile Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 5974
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5974
acagcctaca tggagctgag gagcctgaga tctgacgaca cggccgtgta ttactgtgcg   60

agatggagcc atgactacgg tgactacacc atctactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 5975
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5975

Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Trp Ser His Asp Tyr Gly Asp Tyr Thr Ile Tyr

20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5976
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5976

Cys Ala Arg Val Gly Gly Tyr Ser Tyr Gly Tyr Pro His Tyr Trp
1 5 10 15

<210> 5977
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5977
tccagagaca acgccaagaa ctccctgtat ctgcaaatga acagtctgag agccgaggac 60

acggccttgt attactgtgc gagagttgga gggtacagct atggttatcc ccactactgg 120

ggccaggga 129

<210> 5978
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5978

Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Arg Val Gly Gly Tyr
            20   25   30

Ser Tyr Gly Tyr Pro His Tyr Trp Gly Gln Gly
        35   40

<210> 5979
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5979
tccagagaca acgccaagaa ctccctgtat ctgcaaatga acagtctgag agccgaggac 60

acggccttgt attactgtgc gagagttgga ggatacagct atggttatcc ccactactgg 120

ggccaggga 129

<210> 5980
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5980

Cys Ala Arg Ala Tyr Gly Asp Tyr Ile Leu Tyr Phe Asp Tyr Trp
1   5   10   15

<210> 5981
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5981
tcaagagatg attccaaaag catcgcctat ctgcaaatga gcagcctgaa aaccgaggac 60

acagccgtct attactgtgc tagagcgtac ggtgactaca tattatactt tgactactgg 120

ggccaggga 129

<210> 5982
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5982

Ser Arg Asp Asp Ser Lys Ser Ile Ala Tyr Leu Gln Met Ser Ser Leu
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Tyr Gly Asp
20 25 30

Tyr Ile Leu Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5983
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5983
tcaagagatg attccaaaag catcgcctat ctgcaaatga acagcctgaa aaccgaggac 60

acagccgtct attactgtgc tagagcgtac ggtgactaca tattatactt tgactactgg 120

ggccaggga 129

<210> 5984
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5984

Ser Arg Asp Asp Ser Lys Ser Ile Ala Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Tyr Gly Asp
20 25 30

Tyr Ile Leu Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5985
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5985

Cys Ala Arg Glu Asn Gly His Gly Gly Asn Ile Ala Ser Phe Asp Tyr
1 5 10 15

Trp

<210> 5986
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5986
gacacatccg cgagcacagc ctacatggag ctgagcagcc tgagatctga agacgcggct 60

gtatattact gtgcgagaga aaacggccac ggtggtaaca tcgcatcctt tgactactgg 120

ggccaggga 129

<210> 5987

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5987

Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser
1 5 10 15

Glu Asp Ala Ala Val Tyr Tyr Cys Ala Arg Glu Asn Gly His Gly Gly
20 25 30

Asn Ile Ala Ser Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 5988
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5988
gacacatccg cgagcacagc ctacatggag ctgagcagcc tgagatctga agacacggct 60

gtatattact gtgcgagaga aaacggccac ggtggtaaca tcgcatcctt tgactactgg 120

ggccaggga 129

<210> 5989
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5989

Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Asn Gly His Gly Gly
            20   25   30

Asn Ile Ala Ser Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 5990
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5990

Cys Ala Arg Asp Gly Glu Tyr Ser Ser Ser Phe Tyr Gly Met Asp Val
1   5   10   15

Trp

<210> 5991
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5991
tacaattcca agaacacgct gtatcttcaa atgaacagcc tgagagccga ggacacggcc   60

gtgtattact gtgcgagaga tggggaatat agcagcagct tctacggtat ggacgtctgg   120

ggccaaggg   129

<210> 5992
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5992

Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Gly Glu Tyr Ser Ser
20 25 30

Ser Phe Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 5993
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5993
gacaattcca agaacacgct gtatcttcaa atgaacagcc tgagagccga ggacacggcc 60

gtgtattact gtgcgagaga tggggaatat agcagcagct tctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 5994
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5994

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Gly Glu Tyr Ser Ser
20 25 30

Ser Phe Tyr Gly Met Asp Val Trp Gly Gln Gly

35 40

<210> 5995
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5995

Cys Ala Arg Thr Asp Ile Leu Thr Gly Tyr Tyr Gln Phe Asp Tyr Trp
1 5 10 15

<210> 5996
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5996
caaggactcc tccaaaaacc aggtggtcct acaatgacca acatggaccc tgtggacaca 60

gacacatatt actgtgcacg caccgatatt ttgactggtt attatcaatt tgactactgg 120

ggccacgga 129

<210> 5997
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5997

Gln Gly Leu Leu Gln Lys Pro Gly Gly Pro Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Asp Thr Tyr Tyr Cys Ala Arg Thr Asp Ile Leu Thr
20 25 30

Gly Tyr Tyr Gln Phe Asp Tyr Trp Gly His Gly
35 40

<210> 5998
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5998
aaggactcct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gacacatatt actgtgcacg caccgatatt ttgactggtt attatcaatt tgactactgg 120

ggccacgga 129

<210> 5999
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 5999

Lys Asp Ser Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Asp Thr Tyr Tyr Cys Ala Arg Thr Asp Ile Leu Thr
20 25 30

Gly Tyr Tyr Gln Phe Asp Tyr Trp Gly His Gly
35 40

<210> 6000
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6000

Cys Ala Lys Asp Pro Ser Ala Ala Gly Thr His Tyr Phe Gln His Trp
1 5 10 15

<210> 6001
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6001
agagacaacg ccaagaactc cctgtgtctg caaatgaaca gtctgagagc tgaggacacg 60

gccttgtatt actgtgcaaa agatccgtca gcagctggta cccattactt ccagcactgg 120

gaccagggc 129

<210> 6002
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6002

Arg Asp Asn Ala Lys Asn Ser Leu Cys Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Pro Ser Ala Ala
20 25 30

Gly Thr His Tyr Phe Gln His Trp Asp Gln Gly
35 40

<210> 6003
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6003
agagacaacg ccaagaactc cctgtatctg caaatgaaca gtctgagagc tgaggacacg 60

gccttgtatt actgtgcaaa agatccgtca gcagctggta cccattactt ccagcactgg 120

ggccagggc 129

<210> 6004
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6004

Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Pro Ser Ala Ala
            20   25   30

Gly Thr His Tyr Phe Gln His Trp Gly Gln Gly
        35   40

<210> 6005
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6005

Cys Ala Lys Gly Gly Trp Leu Asp Asp Trp
1   5   10

<210> 6006
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6006
ggccgattca tcatctccag atataattcc aagaacatga cgtttctgca aatggacagg 60

ttgagaggcg acgacacggc cgtatattac tgtgcgaaag ggggctggct tgacgactgg 120

ggccaggga 129

<210> 6007
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6007

Gly Arg Phe Ile Ile Ser Arg Tyr Asn Ser Lys Asn Met Thr Phe Leu
1   5   10   15

Gln Met Asp Arg Leu Arg Gly Asp Asp Thr Ala Val Tyr Tyr Cys Ala
            20   25   30

Lys Gly Gly Trp Leu Asp Asp Trp Gly Gln Gly
        35   40

<210> 6008
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6008
ggccgattca tcatctccag agataattcc aagaacatga cgtttctgca aatggacagg 60

ttgagaggcg acgacacggc cgtatattac tgtgcgaaag ggggctggct tgacgactgg 120

ggccaggga 129

<210> 6009
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6009

Gly Arg Phe Ile Ile Ser Arg Asp Asn Ser Lys Asn Met Thr Phe Leu
1   5   10   15

Gln Met Asp Arg Leu Arg Gly Asp Asp Thr Ala Val Tyr Tyr Cys Ala
            20   25   30

Lys Gly Gly Trp Leu Asp Asp Trp Gly Gln Gly
        35   40

<210> 6010
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6010

Cys Ala Arg Asp Gly Pro Gln Asp Tyr Gly Asp Asn Ser Tyr Tyr Tyr
1   5   10   15

Tyr Tyr Tyr Gly Met Asp Val Trp
            20

<210> 6011
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6011

tttatgcaaa tgaacagcct gagagacgag gacacggctg tgtattactg tgcgagagat 60

ggaccccaag actacggtga caactcctat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6012
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6012

Phe Met Gln Met Asn Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Arg Asp Gly Pro Gln Asp Tyr Gly Asp Asn Ser Tyr Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6013
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6013
tatctgcaaa tgaacagcct gagagacgag gacacggctg tgtattactg tgcgagagat 60

ggaccccaag actacggtga caactcctat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6014
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6014

Tyr Leu Gln Met Asn Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr
1   5   10   15

Cys Ala Arg Asp Gly Pro Gln Asp Tyr Gly Asp Asn Ser Tyr Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6015
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6015

Cys Ala Arg Asp Leu Glu Pro Trp Tyr Phe Asp Val Trp
1   5   10

<210> 6016
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6016
accatctcca gagacaatgc caagaattta ttgtatctgc aaatgaccag gctgagagac   60

gacgacacgg ctgtgtatta ctgtgcgcga gatctcgagc cctggtactt cgatgtctgg   120

ggccgtggc   129

<210> 6017
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6017

Thr Ile Ser Arg Asp Asn Ala Lys Asn Leu Leu Tyr Leu Gln Met Thr
1   5   10   15

Arg Leu Arg Asp Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu
            20   25   30

Glu Pro Trp Tyr Phe Asp Val Trp Gly Arg Gly
        35   40

<210> 6018
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6018
aacatctcca tagacaatgc caagaattta ttgtatctgc aaatgaccag gctgagagac   60

gacgacacgg ctgtgtatta ctgtgcgcga gatctcgagc cctggtactt cgatgtctgg   120

ggccgtggc   129

<210> 6019
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6019

Asn Ile Ser Ile Asp Asn Ala Lys Asn Leu Leu Tyr Leu Gln Met Thr
1   5   10   15

Arg Leu Arg Asp Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu

20 25 30

Glu Pro Trp Tyr Phe Asp Val Trp Gly Arg Gly
35 40

<210> 6020
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6020

Cys Thr Thr Asp Asp Tyr Gly Asp Tyr Arg Arg Tyr Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val Trp
20

<210> 6021
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6021
aaaaacacgc tgtatctgca aatgaacagc ctgaaaaccg aggacatagc cgtgtattac 60

tgtaccacag acgactacgg tgactaccga aggtactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6022
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6022

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Ile
1   5   10   15

Ala Val Tyr Tyr Cys Thr Thr Asp Asp Tyr Gly Asp Tyr Arg Arg Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6023
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6023
aaaaacacgc tgtatctgca aatgaacagc ctgaaaaccg aggacacagc cgtgtattac 60

tgtaccacag acgactacgg tgactaccga aggtactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6024
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6024

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Thr Thr Asp Asp Tyr Gly Asp Tyr Arg Arg Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6025
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6025

Cys Gly Arg Leu His Tyr Asp Gly Leu Gly His Asp Ala Phe Asp Ile
1 5 10 15

Trp

<210> 6026
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6026
gacacatcct cgagcacagc ctacatggag ctgaggagcc tgagatctga cgacacggcc 60

gtgtattact gtgggcgtct ccactatgac ggtttgggtc atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6027
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6027

Asp Thr Ser Ser Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser
1 5 10 15

Asp Asp Thr Ala Val Tyr Tyr Cys Gly Arg Leu His Tyr Asp Gly Leu

20 25 30

Gly His Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6028
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6028
gacacatcca cgagcacagc ctacatggag ctgaggagcc tgagatctga cgacacggcc 60

gtgtattact gtgggcgtct ccactatgac ggtttgggtc atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6029
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6029

Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser
1 5 10 15

Asp Asp Thr Ala Val Tyr Tyr Cys Gly Arg Leu His Tyr Asp Gly Leu
20 25 30

Gly His Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6030
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6030

Cys Ala Lys Val Gly Val Gly Ala Gly Ala Leu Asp Tyr Trp
1   5   10

<210> 6031
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6031
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag   60

gacacggccg tatattactg tgcgaaagtc ggggttggag cgggagccct tgactactgg   120

ggccaggga   129

<210> 6032
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6032

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Gly Val
            20   25   30

Gly Ala Gly Ala Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6033
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6033
atctccacac ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagtc ggggttggag cgggagccct tgactactgg 120

ggccaggga 129

<210> 6034
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6034

Ile Ser Thr His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Gly Val
20 25 30

Gly Ala Gly Ala Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 6035
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6035

Cys Ala Arg Ala Arg Gly Val Gly Arg Tyr Tyr Phe Asp Tyr Trp
1 5 10 15

<210> 6036

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6036
tccagagaaa atgccaagaa ctccttgtat cttcaaatga acagcctgag agccggggac 60

acggctgtgt attactgtgc aagagccagg ggagtgggac ggtactactt tgactactgg 120

ggccaggga 129

<210> 6037
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6037

Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Arg Gly Val
            20   25   30

Gly Arg Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6038
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6038
tacagagaaa atgccaagaa ctccttgtat cttcaaatga acagcctgag agccggtgac 60

acggctgtgt attactgtgc aagagccagg ggagtgggac ggtactactt tgactactgg 120

ggccaggga 129

<210> 6039
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6039

Tyr Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Arg Gly Val
20 25 30

Gly Arg Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6040
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6040

Cys Ala Arg Phe Gln Arg Ser Phe Gly Tyr Phe Asp Tyr Trp
1 5 10

<210> 6041
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6041
atctcagccg acaggtccat caccaccgcc ttcctgcagt gggacagtct gaaggcctcg 60

gacaccgccc tttatttctg tgcgagattc caacgcagtt tcggctattt tgactactgg 120

ggccaggga 129

<210> 6042
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6042

Ile Ser Ala Asp Arg Ser Ile Thr Thr Ala Phe Leu Gln Trp Asp Ser
1 5 10 15

Leu Lys Ala Ser Asp Thr Ala Leu Tyr Phe Cys Ala Arg Phe Gln Arg
20 25 30

Ser Phe Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6043
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6043
tctcagcccg acaggtccat caccaccgcc ttcctgcagt gggacagtct gaaggcctcg 60

gacaccgccc tttatttctg tgcgagattc caacgcagtt tcggctattt tgactactgg 120

ggccaggga 129

<210> 6044
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6044

Ser Gln Pro Asp Arg Ser Ile Thr Thr Ala Phe Leu Gln Trp Asp Ser
1 5 10 15

Leu Lys Ala Ser Asp Thr Ala Leu Tyr Phe Cys Ala Arg Phe Gln Arg
20 25 30

Ser Phe Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6045
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6045

Cys Ala Arg Gly Gly Ile Gln Val Pro Gly Leu Asp Asp Val Phe Asp
1 5 10 15

Ile Trp

<210> 6046
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6046
gacgccaaaa actccttgta tcttcaaatg aacagcctga gagacgggga cacggctgtt 60

tattactgtg ccaggggagg tatacaagtg cctggcctag atgatgtctt tgatatctgg 120

ggccaaggg 129

<210> 6047

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6047

Asp Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Asp Gly
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Ile Gln Val Pro Gly
20 25 30

Leu Asp Asp Val Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6048
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6048
agacgccaaa actccttgta tcttcaaatg aacagcctga gagacgggga cacggctgtt 60

tattactgtg ccaggggagg tatacaagtg cctggcctag atgatgtctt tgatatctgg 120

ggccaaggg 129

<210> 6049
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6049

Arg Arg Gln Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Asp Gly
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Ile Gln Val Pro Gly
            20   25   30

Leu Asp Asp Val Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 6050
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6050

Cys Ala Arg Gly Tyr Ile Thr Gly Thr Trp Asp Tyr Trp
1   5   10

<210> 6051
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6051
accatgacca ggaacacctc cataagcaca gcctacatgg agctgagcag cctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga ggatacataa ctggaacgtg ggactactgg 120

ggccaggga 129

<210> 6052
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6052

Thr Met Thr Arg Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser

1 5 10 15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Tyr
20 25 30

Ile Thr Gly Thr Trp Asp Tyr Trp Gly Gln Gly
35 40

<210> 6053
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6053
accatgacca gcaacacctc cataagcaca gcctacatgg agctgagcag cctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga ggatacataa ctggaacgtg ggactactgg 120

ggccaggga 129

<210> 6054
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6054

Thr Met Thr Ser Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser
1 5 10 15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Tyr
20 25 30

Ile Thr Gly Thr Trp Asp Tyr Trp Gly Gln Gly
35 40

<210> 6055

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6055

Cys Ala Lys Asp Arg Ser Ser Tyr Gly Ala Gly Gly Met Asp Val Trp
1 5 10 15

<210> 6056
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6056
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggactcg 60

gctgtctatt actgtgcgaa agatagaagc agttatggag cgggggggtat ggacgtctgg 120

ggccaaggg 129

<210> 6057
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6057

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Ser Ala Val Tyr Tyr Cys Ala Lys Asp Arg Ser Ser Tyr
20 25 30

Gly Ala Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6058
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6058
agagacaatt ccaagaacac gctgtacctg caaatgaaca gcctgagagc cgaggactcg 60

gctgtctatt actgtgcgaa agatagaagc agttatggag caggggtat ggacgtctgg 120

ggccaaggg 129

<210> 6059
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6059

Cys Ala Arg Asp Arg Thr Gly Gly Tyr Leu Phe Asp Tyr Trp
1 5 10

<210> 6060
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6060
atcaacccag acacatccaa gaaccagttc tccctgcagc tgaactctgt ggctcccgag 60

gacacggctg tgtattactg tgcaagagat cgcactggtg gttacttatt tgactactgg 120

ggccaggga 129

<210> 6061
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6061

Ile Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser
1   5   10   15

Val Ala Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Thr
            20   25   30

Gly Gly Tyr Leu Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6062
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6062
atcaacccag acacatccaa gaaccagttc tccctgcagc tgaactctgc ggctcccgag   60

gacacggctg tgtattactg tgcaagagat cgcactggtg gctacttatt tgactactgg   120

ggccaggga   129

<210> 6063
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6063

Ile Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser
1   5   10   15

Ala Ala Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Thr

20 25 30

Gly Gly Tyr Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6064
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6064

Cys Ala Arg Gly Gly Gly Trp Gly Arg Thr Thr Leu Pro Pro Asp Tyr
1 5 10 15

Trp

<210> 6065
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6065
gacacgtcta agaaccagtt ctccctgaag ctgagctctg tgactgccgc ggacacggcc 60

gtgtattact gtgcgagagg gggggttgg ggcaggacta ctttaccccc cgactactgg 120

ggccaggga 129

<210> 6066
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6066

Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala
1   5   10   15

Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Gly Trp Gly Arg
            20   25   30

Thr Thr Leu Pro Pro Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6067
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6067
gacacgtcta agaaccagtt ctccctgaag ctgagctctg tgactgccgc ggacacggcc 60

gtgtattact gtgcgagagg gggggggtgg ggcaggacta ctttaccccc cgactactgg 120

ggccaggga 129

<210> 6068
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6068

Cys Ala Arg Asp Gln Leu Val Leu Glu Trp Leu Tyr Pro Thr Pro Asp
1   5   10   15

Ala Phe Asp Ile Trp
            20

<210> 6069
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6069
agcactgcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagatc agctggtttt ggagtggtta tatccaacac ccgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6070
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6070

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Gln Leu Val Leu Glu Trp Leu Tyr Pro
20 25 30

Thr Pro Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6071
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6071
agcacagcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagatc agctggtttt ggagtggtta tatccaacac ccgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6072
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6072

Cys Ala Arg Gly Tyr Ser Gly Ser Tyr Tyr Gly Glu Val Asp Tyr Trp
1   5   10   15

<210> 6073
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6073
caaggacacc tccaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca   60

gccacgtatt actgtgcacg ggggtatagt gggagctact acggggaggt tgactactgg   120

ggccaggga   129

<210> 6074
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6074

Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1   5   10   15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Gly Tyr Ser Gly Ser
            20   25   30

Tyr Tyr Gly Glu Val Asp Tyr Trp Gly Gln Gly

35 40

<210> 6075
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6075
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacgtatt actgtgcacg ggggtatagt gggagctact acggggaggt tgactactgg 120

ggccaggga 129

<210> 6076
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6076

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Gly Tyr Ser Gly Ser
20 25 30

Tyr Tyr Gly Glu Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 6077
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6077

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Cys Ala Lys Val Arg Asp Ile Glu Arg Thr Trp
1               5                   10


<210>  6078
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6078
cggttcacca tctccagaga caattccaag aacacgctgt atctgcaaat gaacagcctg       60

agagccgagg acacggccgt atattactgt gcgaaagtga gggatattga aaggacttgg      120

ggccaggga                                                              129


<210>  6079
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6079

Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1               5                   10                  15


Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
            20                  25                  30


Val Arg Asp Ile Glu Arg Thr Trp Gly Gln Gly
        35                  40


<210>  6080
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody
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<400> 6080
cggttcacca tctccagaca caattccaag aacacgctgt atctgcaaat caacagcctg 60

agagccgagg acacggccgt atattactgt gcgaaagtga gggatattga aaggacttgg 120

ggccaggga 129

<210> 6081
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6081

Arg Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
20 25 30

Val Arg Asp Ile Glu Arg Thr Trp Gly Gln Gly
35 40

<210> 6082
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6082

Cys Thr Arg Pro Arg Pro Cys Phe Glu Ser His Gly Tyr Asp Cys Asn
1 5 10 15

Val Phe Asp Met Trp
20

<210> 6083

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6083
aatacggcgt atctgcaaat gaacagcctg aaaaccgagg acacggccat gtattattgt 60

actagaccgc gtccgtgctt tgagagtcat ggttatgact gcaatgtttt tgatatgtgg 120

ggccaaggg 129

<210> 6084
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6084

Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala
1   5   10   15

Met Tyr Tyr Cys Thr Arg Pro Arg Pro Cys Phe Glu Ser His Gly Tyr
            20   25   30

Asp Cys Asn Val Phe Asp Met Trp Gly Gln Gly
        35   40

<210> 6085
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6085
aacacggcgt atctgcaaat gaacagcctg aaaaccgagg acacggccat gtattattgt 60

actagaccgc gtccgtgctt tgagagtcat ggttatgact gcaatgtttt tgatatgtgg 120

ggccaaggg 129

<210> 6086
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6086

Cys Ala Arg Glu Ser Leu Ile Thr Val Thr Asn Asn Trp Phe Asp Ser
1 5 10 15

Trp

<210> 6087
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6087
gacaacgcca agaactccct gtatctgcaa atgaacagtc tgaaggccga ggacacggcc 60

ttctactact gtgcgagaga gtccctgatt acggtgacca acaactggtt cgactcttgg 120

ggccaggga 129

<210> 6088
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6088

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Lys Ala
1 5 10 15

Glu Asp Thr Ala Phe Tyr Tyr Cys Ala Arg Glu Ser Leu Ile Thr Val
            20   25   30

Thr Asn Asn Trp Phe Asp Ser Trp Gly Gln Gly
        35   40

<210> 6089
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6089
gacaacgcca agaactccct gtatctgcaa atgaacagtc tgaaagccga ggacacggcc 60

ttctactact gtgcgagaga gtccctgatt acggtgacca acaactggtt cgactcttgg 120

ggccaggga 129

<210> 6090
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6090

Cys Ala Arg Ser His Glu Trp Glu Leu Leu Asn Phe Asp Tyr Trp
1   5   10   15

<210> 6091
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6091
tccagagata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaggtcccat gagtgggagc tactaaactt tgactactgg 120

ggccaggga 129

<210> 6092
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6092

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ser His Glu Trp
20 25 30

Glu Leu Leu Asn Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6093
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6093
tacagatata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaggtcccat gagtgggagc tactaaactt tgactactgg 120

ggccaggga 129

<210> 6094
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6094

Tyr Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ser His Glu Trp
20 25 30

Glu Leu Leu Asn Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6095
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6095

Cys Glu Arg Met Gly Ile Ala Val Ala Gly Ile Trp Gly Tyr Trp
1 5 10 15

<210> 6096
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6096
ctcaagcaac acccttaag tgcagtctgc cttacaatga ccaatctgaa agccaaggac 60

aaggtcatgt attactgtga aagaatgggt atagcagtgg ctggtatatg gggctactgg 120

ggccaggga 129

<210> 6097
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6097

Leu Lys Gln His Pro Leu Ser Ala Val Cys Leu Thr Met Thr Asn Leu
1   5   10   15

Lys Ala Lys Asp Lys Val Met Tyr Tyr Cys Glu Arg Met Gly Ile Ala
            20   25   30

Val Ala Gly Ile Trp Gly Tyr Trp Gly Gln Gly
        35   40

<210> 6098
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6098
tcaagcaaca ccctttaag tgcagtctgc cttacaatga ccaatctgaa agccaaggac   60

aaggtcatgt attactgtga aagaatgggt atagcagtgg ctggtatatg gggctactgg   120

ggccaggga   129

<210> 6099
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6099

Ser Ser Asn Thr Leu Leu Ser Ala Val Cys Leu Thr Met Thr Asn Leu
1   5   10   15

Lys Ala Lys Asp Lys Val Met Tyr Tyr Cys Glu Arg Met Gly Ile Ala
            20   25   30

Val Ala Gly Ile Trp Gly Tyr Trp Gly Gln Gly
        35   40

<210> 6100
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6100

Cys Ala Lys Asp Leu Gly Ser Pro Gly Arg Gln Ala Ala Asp Tyr Trp
1   5   10   15

<210> 6101
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6101
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg   60

gccgtatatt actgtgcgaa agatttggga tcacctggaa gacaggcagc tgactactgg   120

ggccaggga   129

<210> 6102
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6102

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Gly Ser Pro

20 25 30

Gly Arg Gln Ala Ala Asp Tyr Trp Gly Gln Gly
35 40

<210> 6103
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6103
agagacaatc tcaggaatac cctctatttg caaatgaaca gcctgagagc cgaggacacg 60

gccgtttatt actgtgcgaa agatttggga tcacctggaa gacaggcagc tgactactgg 120

ggccaggga 129

<210> 6104
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6104

Arg Asp Asn Leu Arg Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Gly Ser Pro
20 25 30

Gly Arg Gln Ala Ala Asp Tyr Trp Gly Gln Gly
35 40

<210> 6105
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6105

Cys Ala Arg Tyr Gly Gly Tyr Asp Glu Ala Phe Asp Tyr Trp
1   5   10

<210> 6106
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6106
ttgtcagtag acacgtccaa gaaccagttc tccctgaagc tgagctctgt gaccgccgcg   60

gacacggccg tgtattactg tgcgagatac ggggggtacg atgaggcgtt tgactactgg   120

ggccaggga   129

<210> 6107
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6107

Leu Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
1   5   10   15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Tyr Gly Gly
            20   25   30

Tyr Asp Glu Ala Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6108
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6108
atgtcagtag acacgtccaa gaaccagttc tccctgaagc tgagctctgt gaccgccgcg 60

gacacggccg tgtattactg tgcgagatac gggggggtacg atgaggcgtt tgactactgg 120

ggccaggga 129

<210> 6109
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6109

Met Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
1 5 10 15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Tyr Gly Gly
20 25 30

Tyr Asp Glu Ala Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6110
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6110

Cys Ala Arg Ser Thr His Asp Phe Trp Ser Gly Ser Phe Pro Ser Gly
1 5 10 15

Gln Gly Phe Asp Pro Trp

20

<210> 6111
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6111
ctgttctccc tgatgctgag ctctgtgacc gccgcagaca cggccgtgta ttactgtgcg 60

agatctactc acgatttttg gagtggttcc ttcccctcag gccaggggtt cgacccctgg 120

ggccaggga 129

<210> 6112
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6112

Leu Phe Ser Leu Met Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Ser Thr His Asp Phe Trp Ser Gly Ser Phe Pro
20 25 30

Ser Gly Gln Gly Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6113
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6113

cagttctccc tgaagctgag ctctgtgacc gccgcagaca cggccgtgta ttactgtgcg 60

agatctactc acgatttttg gagtggttcc ttcccctcag gccaggggtt cgacccctgg 120

ggccaggga 129

<210> 6114
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6114

Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Ser Thr His Asp Phe Trp Ser Gly Ser Phe Pro
20 25 30

Ser Gly Gln Gly Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6115
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6115

Cys Ala Arg Val Gly Tyr Ala Tyr Gly Leu Asp His Trp
1 5 10

<210> 6116
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6116
accttatcag ttgacacgtc taagaaccac ttctccctga aggtgagctc tgtgactgct 60

gcggacacgg ccgtatatta ctgtgcgaga gttgggtacg cctatggtct tgaccactgg 120

ggccaggga 129

<210> 6117
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6117

Thr Leu Ser Val Asp Thr Ser Lys Asn His Phe Ser Leu Lys Val Ser
1 5 10 15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Gly
20 25 30

Tyr Ala Tyr Gly Leu Asp His Trp Gly Gln Gly
35 40

<210> 6118
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6118
accttatcag ttgacacgtc taagaaccac ttctccctga aggtgacctc tgtgaccgct 60

gcggacacgg ccgtgtatta ctgtgcgaga gttggatacg cctatggtct tgaccactgg 120

ggccaggga 129

<210> 6119
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6119

Thr Leu Ser Val Asp Thr Ser Lys Asn His Phe Ser Leu Lys Val Thr
1   5   10   15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Gly
            20   25   30

Tyr Ala Tyr Gly Leu Asp His Trp Gly Gln Gly
        35   40

<210> 6120
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6120

Cys Ala Lys Asp Lys Leu Phe Ala Ser Val Pro Gly Pro Phe Asp Ser
1   5   10   15

Trp

<210> 6121
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6121
cacaattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc   60

gtatattact gtgcgaaaga taaacttttc gcttcggtcc ccggtccatt tgactcctgg   120

ggccaggga 129

<210> 6122
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6122

His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Lys Leu Phe Ala Ser
20 25 30

Val Pro Gly Pro Phe Asp Ser Trp Gly Gln Gly
35 40

<210> 6123
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6123
gacaattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga taaacttttc gcttcggtcc ccggtccatt tgactcctgg 120

ggccaggga 129

<210> 6124
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6124

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Lys Leu Phe Ala Ser
            20   25   30

Val Pro Gly Pro Phe Asp Ser Trp Gly Gln Gly
        35   40

<210> 6125
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6125

Cys Ala Arg Glu Gly Thr Gly Val Phe Asp Tyr Trp
1   5   10

<210> 6126
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6126
gtcaccttta ccgcggacaa atccacgggc acagcctaca tggagttgag aggcctgaga 60

tctgaggaca cggccgtgta tttctgtgcg agagagggga ctggcgtctt tgactactgg 120

ggccaggga 129

<210> 6127
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6127

Val Thr Phe Thr Ala Asp Lys Ser Thr Gly Thr Ala Tyr Met Glu Leu
1 5 10 15

Arg Gly Leu Arg Ser Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Glu
20 25 30

Gly Thr Gly Val Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6128
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6128
gtcaccttta ccgcgcacaa atccacgggc acagcctaca tggagttgag aggcctgaga 60

tctgaggaca cggccgtgta tttctgtgcg agagagggga ctggcgtctt tgactactgg 120

ggccaggga 129

<210> 6129
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6129

Val Thr Phe Thr Ala His Lys Ser Thr Gly Thr Ala Tyr Met Glu Leu
1 5 10 15

Arg Gly Leu Arg Ser Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Glu
20 25 30

Gly Thr Gly Val Phe Asp Tyr Trp Gly Gln Gly

35 40

<210> 6130
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6130

Cys Ala Lys Asp Gly Ser Gly Thr Ile Phe Gly Val Val Ile Ala Lys
1 5 10 15

Tyr Tyr Phe Asp Tyr Trp
20

<210> 6131
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6131
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagacggtt ccggtacgat ttttggagtg gttatcgcca aatactactt tgactactgg 120

ggccaggga 129

<210> 6132
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6132

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Asp Gly Ser Gly Thr Ile Phe Gly Val Val Ile
            20   25   30

Ala Lys Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6133
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6133
acgatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagacggtt ccggtacgat ttttggagtg gttatcgcca aatactactt tgactactgg 120

ggccaggga 129

<210> 6134
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6134

Thr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Lys Asp Gly Ser Gly Thr Ile Phe Gly Val Val Ile
            20   25   30

Ala Lys Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6135
<211> 14
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6135

Cys Ala Ser Gly Ser Gly Pro Gly Leu Trp Leu Glu Tyr Trp
1 5 10

<210> 6136
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6136
atctccatac acaattccaa gaacacgctg tatcttcaaa tgaacagcct gagagccgag 60

gacacggccg tgtattactg tgcgagcggg tccgggccgg ggctatggtt agaatactgg 120

ggccaggga 129

<210> 6137
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6137

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Gly Ser Gly
20 25 30

Pro Gly Leu Trp Leu Glu Tyr Trp Gly Gln Gly
35 40

<210> 6138

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6138
atctccagag acaattccaa gaacacgctg tatcttcaaa tgaacagcct gagagccgag 60

gacacggccg tgtattactg tgcgagcggg tccgggccgg ggctatggtt agaatactgg 120

ggccaggga 129

<210> 6139
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6139

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Gly Ser Gly
20 25 30

Pro Gly Leu Trp Leu Glu Tyr Trp Gly Gln Gly
35 40

<210> 6140
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6140

Cys Ala Asn Ser Leu Pro Gln Ser Gly Tyr Glu Asp Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
            20

<210> 6141
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6141
tacacgctgt atctgcaaat caacagcctg agagccgagg acacggccgt atattactgt   60

gcgaacagcc tccctcaaag tggctacgaa gactactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 6142
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6142

Tyr Thr Leu Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala
1   5   10   15

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

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6143
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6143
aacacgctgt atctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaacagcc tccctcaaag tggctacgaa gactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6144
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6144

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

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

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6145
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6145

Cys Ala Arg Asp Leu Asp Ser Ser Tyr Gly Met Asp Val Trp
1 5 10

<210> 6146
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6146
ttgaccaggg acacgtccac gagcacagtc tacatggagc tgagcagcct gatatctgag 60

gacacggccg tgtattactg tgcgagagat ctggactcat cctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6147
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6147

Leu Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser
1   5   10   15

Leu Ile Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu Asp
            20   25   30

Ser Ser Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6148
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6148
atgaccaggg acacgtccac gagcacagtc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagagat ctggactcat cctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6149

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6149

Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu Asp
20 25 30

Ser Ser Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6150
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6150

Cys Ala Arg Thr Val Phe Tyr Ser Gly Ser Tyr Leu Leu Phe Asp Tyr
1 5 10 15

Trp

<210> 6151
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6151
gacacctcca aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acgtattact gtgcacggac cgtcttttat agtgggagct accttctctt tgactactgg 120

ggccaggga 129

<210> 6152
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6152

Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Thr Val Phe Tyr Ser Gly
20 25 30

Ser Tyr Leu Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6153
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6153
ggacacctcc aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acgtattact gtgcacggac cgtcttttat agtgggagct accttctctt tgactactgg 120

ggccaggga 129

<210> 6154
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6154

Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Thr Val Phe Tyr Ser Gly
20 25 30

Ser Tyr Leu Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6155
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6155

Cys Ala His Leu Ser Arg Asp Gly Tyr Asn Pro Trp
1 5 10

<210> 6156
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6156
gctcaccatc accaaggaca cctccaaaac caggtggtcc ttacaatgac caacatggac 60

cctgtggaca cagccacata ttactgtgca cacctgtcgc gagatggcta caatccgtgg 120

ggccaggga 129

<210> 6157
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6157

Ala His His His Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met
1   5   10   15

Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Leu
            20   25   30

Ser Arg Asp Gly Tyr Asn Pro Trp Gly Gln Gly
        35   40

<210> 6158
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6158
ctcaccatca ccaaggacac ctccaaaaac caggtggtcc ttacaatgac caacatggac   60

cctgtggaca cagccacata ttactgtgca cacctgtcgc gagatggcta caatccgtgg   120

ggccaggga   129

<210> 6159
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6159

Leu Thr Ile Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met
1   5   10   15

Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Leu
            20   25   30

Ser Arg Asp Gly Tyr Asn Pro Trp Gly Gln Gly
        35   40

<210> 6160
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6160

Cys Thr Thr Val Ser Ile Ala Thr Arg Gly Tyr Tyr Tyr Tyr Gly Met
1   5   10   15

Asp Val Trp

<210> 6161
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6161
tcaaaaaaca cgctgtatct gcaaatgaac agcctgaaaa ccgaggacac agccgtgtat   60

tactgtacca cagtgagtat agcaactcga ggctactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 6162
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6162

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp

1 5 10 15

Thr Ala Val Tyr Tyr Cys Thr Thr Val Ser Ile Ala Thr Arg Gly Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6163
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6163
ttcaaaaaca cgctgtatct gcaaatgaac agcctgaaaa ccgaggacac agccgtgtat 60

tactgtacca cagtgagtat agcaactcga ggctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6164
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6164

Phe Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Thr Thr Val Ser Ile Ala Thr Arg Gly Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6165

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6165

Cys Ala Arg Asp Thr Thr Thr Glu Arg Trp Met Asp Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 6166
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6166
tgcacagcct acttggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagata ccaccacgga gcgttggatg gattactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6167
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6167

Cys Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Thr Thr Thr Glu Arg Trp Met Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6168
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6168
agcacagcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt   60

gcgagagata ccaccacgga gcgttggatg gattactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 6169
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6169

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Asp Thr Thr Thr Glu Arg Trp Met Asp Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6170
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6170

Cys Ala Lys Asp Ser Gly Ile Ala Val Ala Gly Tyr Phe Asp Tyr Trp
1 5 10 15

<210> 6171
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6171
agagacaacg ccaagagctc cctgtatctg cagatgaaca gtctgagagc tgaggacacg 60

gccttgtatt actgtgcaaa agatagtggt atagcagtgg ctggctactt tgactactgg 120

ggccaggga 129

<210> 6172
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6172

Arg Asp Asn Ala Lys Ser Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Ser Gly Ile Ala
20 25 30

Val Ala Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6173
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6173
agagacaacg ccaagaactc cctgtatctg caaatgaaca gtctgagagc tgaggacacg 60

gccttgtatt actgtgcaaa agatagtggt atagcagtgg ctggctactt tgactactgg 120

ggccaggga 129

<210> 6174
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6174

Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Ser Gly Ile Ala
            20   25   30

Val Ala Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6175
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6175

Cys Ala Thr Tyr Ser Ser Ser Ser Ser Arg Trp Phe Asp Pro Trp
1   5   10   15

<210> 6176
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6176
tccagagaca tttccaagaa tatgttgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc tacatatagt agctcgtctt ccaggtggtt cgacccctgg 120

ggccaggga 129

<210> 6177
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6177

Ser Arg Asp Ile Ser Lys Asn Met Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Tyr Ser Ser Ser
20 25 30

Ser Ser Arg Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6178
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6178
tacagagaca tttccaataa tatgttgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc tacatatagt agctcgtctt ccaggtggtt cgacccctgg 120

ggccaggga 129

<210> 6179
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6179

Tyr Arg Asp Ile Ser Asn Asn Met Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Tyr Ser Ser Ser
            20   25   30

Ser Ser Arg Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 6180
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6180

Cys Ala Arg Ser Arg Ser Arg Leu Tyr Ala Phe Asp Ile Trp
1   5   10

<210> 6181
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6181
attaccaggg acaggtctat gagcacagcc tacatggagc tgagcagcct gagatctgag   60

gacgcagcca tgtattactg tgcaagatca cggtcccgat tgtatgcttt tgatatctgg   120

ggccaaggg 129

<210> 6182
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6182

Ile Thr Arg Asp Arg Ser Met Ser Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Ala Ala Met Tyr Tyr Cys Ala Arg Ser Arg Ser
20 25 30

Arg Leu Tyr Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6183
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6183
attaccaggg acaggtctat gagcacagcc tacatggagc tgagcagcct gagatctgag 60

gacacagcca tgtattactg tgcaagatca cggtcccgat tgtatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6184
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6184

Ile Thr Arg Asp Arg Ser Met Ser Thr Ala Tyr Met Glu Leu Ser Ser
1   5   10   15

Leu Arg Ser Glu Asp Thr Ala Met Tyr Tyr Cys Ala Arg Ser Arg Ser
            20   25   30

Arg Leu Tyr Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 6185
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6185

Cys Thr Arg His Asn Trp Asn Phe Glu Tyr Asn Trp Phe Asp Pro Trp
1   5   10   15

<210> 6186
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6186
agatatgatt caaacaacac ggcgtatctg caaatgaaca gcctgaaaac cgaggacacg 60

gccgtgtatt actgtactag acataactgg aacttcgagt acaactggtt cgacccctgg 120

ggccaggga 129

<210> 6187
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6187

Arg Tyr Asp Ser Asn Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys
1 5 10 15

Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg His Asn Trp Asn Phe
20 25 30

Glu Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6188
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6188
agagatgatt caaagaacac ggcgtatctg caaatgaaca gcctgaaaac cgaggacacg 60

gccgtgtatt actgtactag acataactgg aacttcgagt acaactggtt cgacccctgg 120

ggccaggga 129

<210> 6189
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6189

Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys
1 5 10 15

Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg His Asn Trp Asn Phe
20 25 30

Glu Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly

35 40

<210> 6190
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6190

Cys Ala Arg Asp Glu Val Arg Tyr Phe Asp Tyr Trp
1 5 10

<210> 6191
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6191
gtcaccatat cagtagacac gtccaagaac cagttctccc tgaagctgag ctctgtgacc 60

gccgcggaca cggccgtgta ttactgtgcg agagatgagg tccgatactt tgactactgg 120

ggccaggga 129

<210> 6192
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6192

Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu
1 5 10 15

Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp
20 25 30

Glu Val Arg Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6193
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6193
gtcaccatat cagtacacac gtccaagaac cagttctccc tgaagctgag ctctgtgacc 60

gccgcggaca cggccgtgta ttactgtgcg agagatgagg tccgatactt tgactactgg 120

ggccaggga 129

<210> 6194
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6194

Val Thr Ile Ser Val His Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu
1 5 10 15

Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp
20 25 30

Glu Val Arg Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6195
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6195

Cys Ala Arg Gln Tyr Tyr Asp Tyr Val Trp Gly Ser Tyr Arg His Phe
1 5 10 15

Asp Tyr Trp

<210> 6196
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6196
gccaaaaccc cggtggtcct tacaatgacc aacatggacc ctgtggacac agccacatat 60

tactgtgcac gacagtatta tgattacgtt tgggggagtt atcgccactt tgactactgg 120

ggccaggga 129

<210> 6197
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6197

Ala Lys Thr Pro Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp
1 5 10 15

Thr Ala Thr Tyr Tyr Cys Ala Arg Gln Tyr Tyr Asp Tyr Val Trp Gly
20 25 30

Ser Tyr Arg His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6198

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6198
gccaaaaacc aggtggtcct tacaatgacc aacatggacc ctgtggacac agccacatat 60

tactgtgcac gacagtatta tgattacgtt tgggggagtt atcgccactt tgactactgg 120

ggccaggga 129

<210> 6199
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6199

Ala Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp
1 5 10 15

Thr Ala Thr Tyr Tyr Cys Ala Arg Gln Tyr Tyr Asp Tyr Val Trp Gly
20 25 30

Ser Tyr Arg His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6200
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6200

Cys Ala Arg Glu Gly Arg Ala Thr Glu Ser Gly Met Asp Val Trp
1 5 10 15

<210> 6201
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6201
accaggaaca cctccataag cacagcctac atggggctga gcagcctgag atctgaggac 60

acggccgtgt attactgtgc gagagaggga cgggctacgg agtccggtat ggacgtctgg 120

ggccaaggg 129

<210> 6202
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6202

Thr Arg Asn Thr Ser Ile Ser Thr Ala Tyr Met Gly Leu Ser Ser Leu
1 5 10 15

Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Gly Arg Ala
20 25 30

Thr Glu Ser Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6203
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6203
accaggaaca cctccataag cacagcctac atggagctga gcagcctgag atctgaggac 60

acggccgtgt attactgtgc gagagaggga cgggctacgg agtccggtat ggacgtctgg 120

ggccaaggg 129

<210> 6204
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6204

Thr Arg Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu
1 5 10 15

Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Gly Arg Ala
20 25 30

Thr Glu Ser Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6205
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6205

Cys Ala His Arg Leu Tyr Asn Trp Phe Asp Pro Trp
1 5 10

<210> 6206
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6206

actcaccatc accaaggaca cctccaaaac caggtggtcc ttacaatgac cgacttggac 60

cctgtggaca cagccacata ttactgtgca cacagactct ataattggtt cgacccctgg 120

ggccaggga 129

<210> 6207
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6207

Thr His His His Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met
1 5 10 15

Thr Asp Leu Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg
20 25 30

Leu Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6208
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6208
ctcaccatca ccaaggacac ctccaaaaac caggtggtcc ttacaatgac cgacttggac 60

cctgtggaca cagccacata ttactgtgca cacagactct ataattggtt cgacccctgg 120

ggccaggga 129

<210> 6209
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6209

Leu Thr Ile Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met
1   5   10   15

Thr Asp Leu Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg
            20   25   30

Leu Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 6210
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6210

Cys Ala Arg Tyr Cys Ser Ser Thr Thr Cys Tyr Val Pro Glu Gly His
1   5   10   15

Tyr Tyr Ser Met Asp Val Trp
            20

<210> 6211
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6211
ctttatctgc aaatgaacag cctgcgagac gaggacacgg gtgtctatta ctgtgcgaga   60

tattgtagta gtaccacctg ctatgtcccg gaggggcact actactctat ggacgtctgg   120

ggccgaggg   129

<210> 6212
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6212

Leu Tyr Leu Gln Met Asn Ser Leu Arg Asp Glu Asp Thr Gly Val Tyr
1 5 10 15

Tyr Cys Ala Arg Tyr Cys Ser Ser Thr Thr Cys Tyr Val Pro Glu Gly
20 25 30

His Tyr Tyr Ser Met Asp Val Trp Gly Arg Gly
35 40

<210> 6213
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6213
ctttatctgc aaatgaacag cctgagagac gaggacacgg gtgtatatta ctgtgcgaga 60

tattgtagta gtaccacctg ctatgtcccg gaggggcact actactctat ggacgtctgg 120

ggccgaggg 129

<210> 6214
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6214

Cys Ala Arg Asp Lys Asn Gly Asp Tyr Tyr Phe Asp Ser Trp

1 5 10

<210> 6215
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6215
ttatcagtag acacgtccaa gaaccagttc tccctgaacc tgagctctgt gaccgccgcg 60

gacacggccg tgtattattg tgcgagagat aaaaacggtg actactactt tgactcctgg 120

ggccaggga 129

<210> 6216
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6216

Leu Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Asn Leu Ser Ser
1 5 10 15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Lys Asn
20 25 30

Gly Asp Tyr Tyr Phe Asp Ser Trp Gly Gln Gly
35 40

<210> 6217
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6217

atatcagtag acacgtccaa gaaccagttc tccctgaacc tgagctctgt gaccgccgcg 60

gacacggccg tgtattattg tgcgagagat aaaaacggtg actactactt tgactcctgg 120

ggccaggga 129

<210> 6218
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6218

Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Asn Leu Ser Ser
1 5 10 15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Lys Asn
20 25 30

Gly Asp Tyr Tyr Phe Asp Ser Trp Gly Gln Gly
35 40

<210> 6219
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6219

Cys Ala Arg Asp Leu Asp Thr Met Ile Val Val Val Lys Ala Asp Asp
1 5 10 15

Ala Phe Asp Ile Trp
20

<210> 6220
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6220
agcactgcct acatggagct gtggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagatc tggatactat gatagtagtg gttaaggccg atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6221
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6221

Ser Thr Ala Tyr Met Glu Leu Trp Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Leu Asp Thr Met Ile Val Val Val Lys
20 25 30

Ala Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6222
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6222
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagatc tggatactat gatagtagtg gttaaggccg atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6223
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6223

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Asp Leu Asp Thr Met Ile Val Val Val Lys
            20   25   30

Ala Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 6224
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6224

Cys Ala Arg Asp Phe Gly Val Gly Leu Ala Trp Tyr Ser Asp Leu Trp
1   5   10   15

<210> 6225
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6225
tgggacacgt ccatcagtac agtctacatg gagctgagca ggctgagatc tgacgacacg   60

gccgtgtatt cctgtgcgag agatttcggg gtcgggttgg cctggtactc cgatctctgg   120

ggccgtggc 129

<210> 6226
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6226

Trp Asp Thr Ser Ile Ser Thr Val Tyr Met Glu Leu Ser Arg Leu Arg
1 5 10 15

Ser Asp Asp Thr Ala Val Tyr Ser Cys Ala Arg Asp Phe Gly Val Gly
20 25 30

Leu Ala Trp Tyr Ser Asp Leu Trp Gly Arg Gly
35 40

<210> 6227
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6227
agggacacgt ccatcagtac agtctacatg gagctgagca ggctgagatc tgacgacacg 60

gccgtgtatt cctgtgcgag agatttcggg gtcgggttgg cctggtactc cgatctctgg 120

ggccgtggc 129

<210> 6228
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6228

Arg Asp Thr Ser Ile Ser Thr Val Tyr Met Glu Leu Ser Arg Leu Arg
1   5   10   15

Ser Asp Asp Thr Ala Val Tyr Ser Cys Ala Arg Asp Phe Gly Val Gly
            20   25   30

Leu Ala Trp Tyr Ser Asp Leu Trp Gly Arg Gly
        35   40

<210> 6229
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6229

Cys Ala Arg Arg Tyr Cys Ser Ser Thr Ser Cys Tyr Trp Ser Phe Asp
1   5   10   15

Tyr Trp

<210> 6230
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6230
aagtccatca gcaccgccta cctgcagtgg agcagcctga aggcctcgga caccgccatg 60

tattactgtg cgagacggta ttgtagtagt accagctgct attggagttt tgactactgg 120

ggccaggga 129

<210> 6231
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6231

Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala Ser
1   5   10   15

Asp Thr Ala Met Tyr Tyr Cys Ala Arg Arg Tyr Cys Ser Ser Thr Ser
            20   25   30

Cys Tyr Trp Ser Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6232
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6232
aagtccatca gcaccgccta cctgcagtgg agcagcctga aggcctcgga caccaccatg   60

tattactgtg cgagacggta ttgtagtagt accagctgct attggagttt tgactactgg   120

ggccgggga   129

<210> 6233
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6233

Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala Ser
1   5   10   15

Asp Thr Thr Met Tyr Tyr Cys Ala Arg Arg Tyr Cys Ser Ser Thr Ser

20 25 30

Cys Tyr Trp Ser Phe Asp Tyr Trp Gly Arg Gly
35 40

<210> 6234
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6234

Cys Ala Lys Glu Phe Glu Thr Lys Ser Gly Tyr Gly Asp Tyr Trp
1 5 10 15

<210> 6235
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6235
ttcagagaca actccaagaa cacactgtat ctgcagatga acagtctgag agccgaggac 60

acggccatat attactgtgc gaaagagttc gaaaccaaaa gtggatatgg ggactactgg 120

ggccagggc 129

<210> 6236
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6236

Phe Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Ile Tyr Tyr Cys Ala Lys Glu Phe Glu Thr
            20   25   30

Lys Ser Gly Tyr Gly Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6237
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6237
tccagagaca attacaagaa cacactgtat ctgcaaatga acagcctgag agccgaggac 60

acggccatat attactgtgc gaaagagttc gaaaccaaaa gtggatatgg ggactactgg 120

ggccaggga 129

<210> 6238
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6238

Ser Arg Asp Asn Tyr Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Ile Tyr Tyr Cys Ala Lys Glu Phe Glu Thr
            20   25   30

Lys Ser Gly Tyr Gly Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6239
<211> 16
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6239

Cys Ala Arg Val Leu Leu Arg Tyr Ser Gly Ser Ser Phe Asp Tyr Trp
1 5 10 15

<210> 6240
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6240
gtagacacgt ccaagaacca gttctccctg aagctgagct ctgtgaccgc cgcggacacg 60

gctgtgtatt actgtgcgag agttttgttg cggtatagtg ggagctcgtt tgactactgg 120

ggccaggga 129

<210> 6241
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6241

Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr
1 5 10 15

Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Leu Leu Arg Tyr
20 25 30

Ser Gly Ser Ser Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6242

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6242
gtagacacgt ccaagaacca gttctccctg aagctgagct ctgcgaccgc cgcggacacg 60

gctgtgtatt actgtgcgag agttttgttg cggtatagtg ggagctcgtt tgactactgg 120

ggccaggga 129

<210> 6243
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6243

Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Ala Thr
1 5 10 15

Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Leu Leu Arg Tyr
20 25 30

Ser Gly Ser Ser Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6244
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6244

Cys Thr Thr Ala Val Thr Pro Ala Leu Asp Tyr Trp
1 5 10

<210> 6245
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6245
ttcaccatct caggagatga ttcaaaaaac acgctgtatc tgcaaatgaa cagcctgaaa 60

accgaggaca cagccgtgta ttactgtacc acagcggtga cgccagctct tgactactgg 120

ggccaggga 129

<210> 6246
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6246

Phe Thr Ile Ser Gly Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Ala
            20   25   30

Val Thr Pro Ala Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6247
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6247
ttcaccatct caagagatga ttcaaaaaac acgctgtatc tgcaaatgaa cagcctgaaa 60

accgaggaca cagccgtgta ttactgtacc acagcggtga cgccagctct tgactactgg 120

ggccaggga 129

<210> 6248
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6248

Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Ala
20 25 30

Val Thr Pro Ala Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 6249
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6249

Cys Ala His Val Arg Ser Pro Ser Met Gly Ala Phe Trp Ile Trp
1 5 10 15

<210> 6250
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6250

accaaggaca cctccaaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacat atttctgtgc acacgtccgt tctccgagca tgggtgcttt ttggatctgg 120

ggccaaggg 129

<210> 6251
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6251

Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Phe Cys Ala His Val Arg Ser Pro
20 25 30

Ser Met Gly Ala Phe Trp Ile Trp Gly Gln Gly
35 40

<210> 6252
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6252
accaaggaca cctccaaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacat atttctgtgc acacgtccgt tctccgagca tgggtgcctt ttggatctgg 120

ggccaaggg 129

<210> 6253
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6253

Cys Ala Arg Met Glu Ser Gly Thr Tyr Gln Asp Leu Asp Tyr Trp
1   5   10   15

<210> 6254
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6254
accagtgaca cgtccacgag cacagtctac atggagctga acagcctgat atctgaagac   60

acggccgtgt attactgtgc gagaatggag agtgggacct accaagacct tgactactgg   120

ggccaggga   129

<210> 6255
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6255

Thr Ser Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Asn Ser Leu
1   5   10   15

Ile Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Met Glu Ser Gly
            20   25   30

Thr Tyr Gln Asp Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6256
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6256
accagtgaca cgtccacgag cacagtctac atggagctga acagcctgag atctgaagac 60

acggccgtgt attactgtgc gagaatggag agtgggacct accaagacct tgactactgg 120

ggccaggga 129

<210> 6257
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6257

Thr Ser Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Asn Ser Leu
1 5 10 15

Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Met Glu Ser Gly
20 25 30

Thr Tyr Gln Asp Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 6258
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6258

Cys Ala Arg Asp Glu Gly His Tyr Tyr Gly Ser Glu Gly Gly Tyr Tyr
1 5 10 15

Tyr Tyr Gly Met Asp Val Trp

20

<210> 6259
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6259
gcctacatgg cgctgagcag cctgagatct gaggacacgg ccgtgtatta ctgtgcgaga 60

gacgaggggc attactatgg ttcagagggg ggctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6260
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6260

Ala Tyr Met Ala Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Asp Glu Gly His Tyr Tyr Gly Ser Glu Gly Gly Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6261
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6261

gcctacatgg agctgagcag cctgagatct gaggacacgg ccgtgtatta ctgtgcgaga 60

gacgaggggc attactatgg ttcagagggg ggctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6262
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6262

Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Asp Glu Gly His Tyr Tyr Gly Ser Glu Gly Gly Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6263
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6263

Cys Ala Lys Asp Arg Thr Thr Leu Arg Trp Val Leu Gly Gly Met Asp
1 5 10 15

Val Trp

<210> 6264
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6264
aacagcaaaa actccctgta tctgcaaatg aacagtctga gagctgagga caccgccttg 60

tattactgtg caaaagatcg gacgacctta cgttgggttc tgggggtat ggacgtctgg 120

ggccaaggg 129

<210> 6265
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6265

Asn Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Arg Thr Thr Leu Arg Trp
20 25 30

Val Leu Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6266
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6266
caacagcaaa actccctgta tctgcaaatg aacagtctga gagctgagga caccgccttg 60

tattactgtg caaaagatcg gacgacctta cgttgggttc tgggggtat ggacgtctgg 120

ggccaaggg 129

<210> 6267
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6267

Gln Gln Gln Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1   5   10   15

Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Arg Thr Thr Leu Arg Trp
            20   25   30

Val Leu Gly Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6268
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6268

Cys Ala Lys Glu Phe Glu Thr Lys Thr Gly Tyr Gly Asp Tyr Trp
1   5   10   15

<210> 6269
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6269
tccagagaca attccaagaa cattctgtat ctgcaaatga acagcctgag agccgaggac   60

acggccacat attactgtgc gaaagagttc gaaaccaaaa ctggatatgg ggactactgg   120

ggccagggc 129

<210> 6270
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6270

Ser Arg Asp Asn Ser Lys Asn Ile Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Thr Tyr Tyr Cys Ala Lys Glu Phe Glu Thr
20 25 30

Lys Thr Gly Tyr Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 6271
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6271
tccagagaca attccaagaa cacactgtat ctgcaaatga acagcctgag agccgaggac 60

acggccatat attactgtgc gaaagagttc gaaaccaaaa ctggatatgg ggactactgg 120

ggccagggc 129

<210> 6272
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6272

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Ile Tyr Tyr Cys Ala Lys Glu Phe Glu Thr
            20   25   30

Lys Thr Gly Tyr Gly Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6273
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6273

Cys Ala Lys Asp Leu Tyr Ser Ser Ser Ser Gly Gly Phe Asp Tyr Trp
1   5   10   15

<210> 6274
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6274
agggacaacg ccaagaactc cctgtatctg caaatgaaca gtctgagagc tgaggacacg 60

gccttgtatt actgtgcaaa agacctgtat agcagcagct caggggggctt tgactactgg 120

ggccagggg 129

<210> 6275
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6275

Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Leu Tyr Ser Ser
20 25 30

Ser Ser Gly Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6276
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6276
agagacaacg ccaagaactc cctgtatctg caaatgaaca gtctgagagc tgaggacacg 60

gccttgtatt actgtgcaaa agacctgtat agcagcagct caggggggctt tgactactgg 120

ggccaggga 129

<210> 6277
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6277

Cys Ala Lys Ser Ile Ala Val Ala Ala Cys Phe Asp Tyr Trp
1 5 10

<210> 6278
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6278
atctccatat ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaagagt atagcagtgg ctgcctgctt tgactactgg 120

ggccaggga 129

<210> 6279
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6279

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ser Ile Ala
            20   25   30

Val Ala Ala Cys Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6280
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6280
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaagagt atagcagtgg ctgcctgctt tgactactgg 120

ggccaggga 129

<210> 6281

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6281

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ser Ile Ala
20 25 30

Val Ala Ala Cys Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6282
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6282

Cys Ala Arg Ala Gly Trp Tyr Asp Glu Gly Gly Phe Asp Tyr Trp
1 5 10 15

<210> 6283
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6283
accagggaca catccgcgag cacagcctac atggagctga gcagcctgag atctgaagac 60

acggctgtgt attactgtgc gagggcgggc tggtacgacg agggaggttt tgactactgg 120

ggccaggga 129

<210> 6284
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6284

Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu
1 5 10 15

Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Gly Trp Tyr
20 25 30

Asp Glu Gly Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6285
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6285
accagggaca catccgcgag cacagcctac atggagctga gcagcctgag atctgaagac 60

acgactgtgt attactgtgc gagggcgggc tggtacgacg agggaggttt tgactactgg 120

ggccaggga 129

<210> 6286
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6286

Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu

1 5 10 15

Arg Ser Glu Asp Thr Thr Val Tyr Tyr Cys Ala Arg Ala Gly Trp Tyr
20 25 30

Asp Glu Gly Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6287
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6287

Cys Ala Arg Ala Asp Ser Arg Lys Asp Val Ser Tyr Gly Met Asp Val
1 5 10 15

Trp

<210> 6288
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6288
aacacctcca taagcacagc ctacatggag ctgagcagcc tgagatctga ggacacggcc 60

gtgtattact gtgcgagggc cgactcccga aaagacgtct cctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6289
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6289

Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Asp Ser Arg Lys Asp
            20   25   30

Val Ser Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6290
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6290

Cys Ala Lys Asp Ile Ala Val Ala Gly Thr Asp Leu Tyr Tyr Tyr Gly
1   5   10   15

Met Asp Val Trp
            20

<210> 6291
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6291
aaaaactccc tgtatctgca aatgaacagt ctgagaactg aggacaccgc cttgtattac   60

tgtgcaaaag atatagcagt ggctggtacg gatttgtact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 6292
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6292

Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Thr Glu Asp Thr
1 5 10 15

Ala Leu Tyr Tyr Cys Ala Lys Asp Ile Ala Val Ala Gly Thr Asp Leu
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6293
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6293
aaaactccct gtttctgcaa atgcaacagt ctgagaactg aggacaccgc cttgtattac 60

tgtgcaaaag atatagcagt ggctggtacg gatttgtact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6294
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6294

Lys Thr Pro Cys Phe Cys Lys Cys Asn Ser Leu Arg Thr Glu Asp Thr

1 5 10 15

Ala Leu Tyr Tyr Cys Ala Lys Asp Ile Ala Val Ala Gly Thr Asp Leu
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6295
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6295

Cys Ala Arg Gly Asn Arg Ile Ala Ala Ala Gly Ile Arg Ser Tyr Tyr
1 5 10 15

Tyr Gly Met Asp Val Trp
20

<210> 6296
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6296
acagcctaca tggagctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg 60

agaggcaacc gtatagcagc agctggtatt cgatcctact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6297
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6297

Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Gly Asn Arg Ile Ala Ala Ala Gly Ile Arg Ser
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6298
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6298
aaagcctaca tggtgctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg   60

agaggcaacc gtatagcagc agctggtatt cgatcctact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 6299
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6299

Lys Ala Tyr Met Val Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Gly Asn Arg Ile Ala Ala Ala Gly Ile Arg Ser
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6300
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6300

Cys Ala Arg Gly Ala Asn Glu Phe His Phe Trp
1 5 10

<210> 6301
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6301
cgattcacct tctccagaga cgacgccaag aactccctgt atctgcaaat gaacagtctg 60

agagccgagg acacggcctt gtattactgt gcgaggggggg caaacgaatt ccatttctgg 120

ggccaaggg 129

<210> 6302
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6302

Arg Phe Thr Phe Ser Arg Asp Asp Ala Lys Asn Ser Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Arg

20 25 30

Gly Ala Asn Glu Phe His Phe Trp Gly Gln Gly
35 40

<210> 6303
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6303
cgattcacca tctccagaga caacgccaag aactccctgt atctgcaaat gaacagtctg 60

agagccgagg acacggcctt gtattactgt gcgaggggggg caaacgaatt ccatttctgg 120

ggccaaggg 129

<210> 6304
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6304

Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Arg
20 25 30

Gly Ala Asn Glu Phe His Phe Trp Gly Gln Gly
35 40

<210> 6305
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6305

Cys Ala Lys Leu Ser Leu Ser Tyr Ser Glu Thr Met Val Arg Val His
1   5   10   15

Gly Tyr Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
            20   25

<210> 6306
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6306
ttcaacagcc tgagagccga ggacacggcc gtatattact gtgcgaaact atccctgtcg   60

tattcggaga ctatggttcg ggtccatggg tactactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 6307
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6307

Phe Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
1   5   10   15

Leu Ser Leu Ser Tyr Ser Glu Thr Met Val Arg Val His Gly Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6308
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6308
atgaacagcc tgagagccga ggacacggcc gtatattact gtgcgaaact atccctgtcg 60

tattcggaga ctatggttcg ggtccatggg tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6309
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6309

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
1 5 10 15

Leu Ser Leu Ser Tyr Ser Glu Thr Met Val Arg Val His Gly Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6310
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6310

Cys Ala Arg Ala Ala Lys Arg Gln Gln Leu Phe Pro Arg Asn Tyr Phe

1 5 10 15

Asp Tyr Trp

<210> 6311
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6311
tccacgagca cagtctacat ggagctgagt agcctgagat ctgaggacac ggccgtgtat 60

tactgtgcga gagcagctaa gaggcagcag ctgtttcccc gaaactactt tgactactgg 120

ggccaggga 129

<210> 6312
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6312

Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Ala Ala Lys Arg Gln Gln Leu Phe
20 25 30

Pro Arg Asn Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6313
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6313
tccacgagca cagtctacat ggagctgagc agcctgagat ctgaggacac ggccgtgtat 60

tactgtgcga gagcagctaa gaggcagcag ctgtttcccc gaaactactt tgactactgg 120

ggccaggga 129

<210> 6314
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6314

Cys Ala Lys Gly Ser Gly Ile Ala Val Ala Gly Thr Thr Val Gly Asn
1   5   10   15

Trp Tyr Phe Asp Leu Trp
            20

<210> 6315
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6315
tcgatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaggggtcgg gtatagcagt ggctggtacc acagttggga actggtactt cgatctctgg 120

ggccgtggc 129

<210> 6316
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6316

Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Lys Gly Ser Gly Ile Ala Val Ala Gly Thr Thr Val
            20   25   30

Gly Asn Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 6317
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6317
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg   60

aaggggtcgg gtatagcagt ggctggtacc acagttggga actggtactt cgatctctgg   120

ggccgtggc   129

<210> 6318
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6318

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Lys Gly Ser Gly Ile Ala Val Ala Gly Thr Thr Val
            20   25   30

Gly Asn Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 6319
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6319

Cys Ala Lys Asp Thr Tyr Ser Arg Gly Trp Leu Asp Tyr Trp
1 5 10

<210> 6320
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6320
atctccagag acaacgccaa gaactccctg tatctgcaaa tgaacagtct gagaggtgag 60

gacacggcct tgtattactg tgcaaaagat acctatagtc gtggctggct ggactactgg 120

ggccaggga 129

<210> 6321
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6321

Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Gly Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Thr Tyr

```
            20                  25                  30

Ser Arg Gly Trp Leu Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  6322
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6322
acctccagag acaacgccaa gaactccctg tatctgcaaa tgaacagtct gggaggtgag       60

gacacggcct tgtattactg tgcaaaagat acctatagtc gtggctggct ggactactgg      120

ggccaggga                                                              129


<210>  6323
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6323

Thr Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1               5                   10                  15


Leu Gly Gly Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Thr Tyr
            20                  25                  30


Ser Arg Gly Trp Leu Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  6324
<211>  15
<212>  PRT
<213>  Artificial Sequence
```

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6324

Cys Ala Arg Asn Asn Phe Tyr Asp Arg Ser Gly Tyr His Tyr Trp
1   5   10   15

<210> 6325
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6325
tccgtggaca cgtccaagaa ccaattctcc ctgaagctga gctctgtgac cgccgcggac   60

acggctcttt attactgtgc gaggaacaat ttctatgaca ggagtggtta tcactactgg   120

ggccaggga   129

<210> 6326
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6326

Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val
1   5   10   15

Thr Ala Ala Asp Thr Ala Leu Tyr Tyr Cys Ala Arg Asn Asn Phe Tyr
            20   25   30

Asp Arg Ser Gly Tyr His Tyr Trp Gly Gln Gly
        35   40

<210> 6327
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6327
tccgtagaca cgtccaagaa ccaattctcc ctgaagctga gctctgtgac cgccgcggac 60

acggctgtat attactgtgc gaggaacaat ttctatgata ggagtggtta tcactactgg 120

ggccaggga 129

<210> 6328
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6328

Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val
1 5 10 15

Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asn Asn Phe Tyr
20 25 30

Asp Arg Ser Gly Tyr His Tyr Trp Gly Gln Gly
35 40

<210> 6329
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6329

Cys Ala Arg Asp Leu Thr Pro Leu Gly Glu Leu Arg Thr Glu Asn Ala
1 5 10 15

Phe Asp Ile Trp

20

<210> 6330
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6330
acgagcacag tctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgagag atctcacccc tttgggggag ctacggaccg aaaatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6331
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6331

Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Asp Leu Thr Pro Leu Gly Glu Leu Arg
20 25 30

Thr Glu Asn Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6332
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6332

acgagcacag tctacatgga gctaagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgagag atctcacccc tttgggggag ctacggaccg aaaatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6333
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6333

Cys Ala His Ser Thr Tyr Tyr Tyr Gly Ser Gly Ala Leu Phe Asp Tyr
1 5 10 15

Trp

<210> 6334
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6334
gacacctcca aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacag cacgtattac tatggttcgg gggccctatt tgactactgg 120

ggccaggga 129

<210> 6335
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6335

Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1   5   10   15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Thr Tyr Tyr Tyr Gly
            20   25   30

Ser Gly Ala Leu Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6336
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6336
ggacacctcc aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacag cacgtattac tatggttcgg gggccctatt tgactactgg 120

ggccaggga 129

<210> 6337
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6337

Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1   5   10   15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Thr Tyr Tyr Tyr Gly
            20   25   30

Ser Gly Ala Leu Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6338
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6338

Cys Ala Arg Ala Tyr Tyr Asp Ile Leu Thr Gly Tyr Ser Asn Phe Pro
1 5 10 15

Tyr Phe Asp Tyr Trp
20

<210> 6339
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6339
tgcacagcct acttggagct gagcagcctg agatctgaag acacggctgt gtattactgt 60

gcgagggcgt attacgatat cttgactggt tattccaatt tcccatactt tgactactgg 120

ggccaggga 129

<210> 6340
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6340

Cys Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Ala Tyr Tyr Asp Ile Leu Thr Gly Tyr Ser

```
            20                  25                  30

Asn Phe Pro Tyr Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  6341
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6341
agcacagcct acatggagct gagcagcctg agatctgaag acacggctgt gtattactgt       60

gcgagggcgt attacgatat cttgactggt tattccaatt tcccatactt tgactactgg      120

ggccaggga                                                              129


<210>  6342
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6342

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1               5                   10                  15


Val Tyr Tyr Cys Ala Arg Ala Tyr Tyr Asp Ile Leu Thr Gly Tyr Ser
            20                  25                  30


Asn Phe Pro Tyr Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  6343
<211>  11
<212>  PRT
<213>  Artificial Sequence
```

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6343

Cys Ala Thr Lys Pro Gly Trp Phe Asp Pro Trp
1   5   10

<210> 6344
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6344
cgagtcacca tatcagtaga cacgtccaag aaccagttct ccctgaagct gagctctgtg   60

accgccgcgg acacggctgt gtattactgt gcgactaaac cagggtggtt cgacccctgg   120

ggccaggga   129

<210> 6345
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6345

Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys
1   5   10   15

Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Thr
            20   25   30

Lys Pro Gly Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 6346
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6346
cgagtcacca tatcagtaga cacgtccaag aaccagttct ccctgaagct gagctctgtg 60

accgccgcgg acacggctgc gtattactgt gcgactaaac cagggtggtt cgacccctgg 120

ggccaggga 129

<210> 6347
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6347

Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys
1 5 10 15

Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Ala Tyr Tyr Cys Ala Thr
20 25 30

Lys Pro Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6348
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6348

Cys Ala Arg Gly Ser Arg Val Met Val Gln Gly Val Ile Ile Pro Ser
1 5 10 15

Tyr Tyr Tyr Gly Met Asp Val Trp

20

<210> 6349
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6349
tatcttcaaa tgaacagcct gagagccgag gacacggccg tgtattactg tgcgagaggg 60

agcagggtta tggttcaggg agttattatc ccttcctact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6350
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6350

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Arg Gly Ser Arg Val Met Val Gln Gly Val Ile Ile Pro Ser
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6351
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6351

tatattcaaa tcaacagcct gagagccgag gacacggccg tgtattactg tgcgagaggg 60

agcagggtta tggttcaggg agttattatc ccttcctact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6352
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6352

Tyr Ile Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Arg Gly Ser Arg Val Met Val Gln Gly Val Ile Ile Pro Ser
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6353
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6353

Cys Ala Lys Asp Ala Tyr Gly Ser Gly Glu Ser Pro Arg Phe Asp Tyr
1 5 10 15

Trp

<210> 6354
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6354
agacaacgcc aagaactcct gtatctgcaa atgaacagtc tgagagctga ggacacggcc 60

ttgtattact gtgcaaaaga cgcatatggt tcgggggagt ccccgcgatt tgactactgg 120

ggccaggga 129

<210> 6355
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6355

Arg Gln Arg Gln Glu Leu Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Ala Tyr Gly Ser Gly
20 25 30

Glu Ser Pro Arg Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6356
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6356
gacaacgcca agaactccct gtatctgcaa atgaacagtc tgagagctga ggacacggcc 60

ttgtattact gtgcaaaaga cgcatatggt tcgggggagt ccccgcgatt tgactactgg 120

ggccaggga 129

<210> 6357
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6357

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Ala Tyr Gly Ser Gly
            20   25   30

Glu Ser Pro Arg Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6358
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6358

Cys Ala Arg Ala Pro Pro Glu Tyr Ser Gly Tyr Gly Cys Asp Tyr Trp
1   5   10   15

<210> 6359
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6359
tgggacacgt ccacgagcac agtctacatg gaactgagca gcctgagatc tgaggacacg   60

gccgtatatt tctgtgcgag agcccctccc gaatatagtg gctacggttg tgactactgg   120

ggccaggga 129

<210> 6360
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6360

Trp Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Ala Pro Pro Glu Tyr
20 25 30

Ser Gly Tyr Gly Cys Asp Tyr Trp Gly Gln Gly
35 40

<210> 6361
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6361
agggacacgt ccacgagcac agtctacatg gaactgagca gcctgagatc tgaggacacg 60

gccgtatatt tctgtgcgag agcccctccc gaatatagtg gctacggttg tgactactgg 120

ggccaggga 129

<210> 6362
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6362

Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1   5   10   15

Ser Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Ala Pro Pro Glu Tyr
            20   25   30

Ser Gly Tyr Gly Cys Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6363
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6363

Cys Ala Arg Pro Ser His Gly Tyr Met Val Arg Gly Val Ile Ile Pro
1   5   10   15

Pro Ser Ile Trp Tyr Tyr Phe Asp Tyr Trp
            20   25

<210> 6364
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6364
gagctgagga gcctgagatc tgacgacacg gccgtgtatt actgtgcgag accctcccat 60

ggatatatgg ttcggggagt tattatcccc ccctcgatct ggtactactt tgactactgg 120

ggccaggga 129

<210> 6365
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6365

Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala
1 5 10 15

Arg Pro Ser His Gly Tyr Met Val Arg Gly Val Ile Ile Pro Pro Ser
20 25 30

Ile Trp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6366
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6366
gagatgaggt gcctgtgttc tgacgacacg gccgtgtatt actgtgcgag accctcccat 60

ggatatatgg ttcggggagt tattatcccc ccctcgatct ggtactactt tgactactgg 120

ggccaggga 129

<210> 6367
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6367

Glu Met Arg Cys Leu Cys Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala
1 5 10 15

Arg Pro Ser His Gly Tyr Met Val Arg Gly Val Ile Ile Pro Pro Ser

20 25 30

Ile Trp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6368
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6368

Cys Ala Lys Asp Met Gly Gly Ser Tyr Tyr Pro Pro Arg Tyr Tyr Tyr
1 5 10 15

Tyr Gly Met Asp Val Trp
20

<210> 6369
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6369
tccctgtatc tgcaaatgaa cagtctgaga gctgaggaca cggccttgta ttactgtgca 60

aaagatatgg gtgggagcta ctaccctccc cgctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6370
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6370

```
Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu
1               5                   10                  15


Tyr Tyr Cys Ala Lys Asp Met Gly Gly Ser Tyr Tyr Pro Pro Arg Tyr
            20                  25                  30


Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35                  40


<210>  6371
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6371
tacatgtatc tgcaaatgaa cagtctgaga gctgaggaca cggccttgta ttactgtgca       60

aaagatatgg gtgggagcta ctaccctccc cgctactact actacggtat ggacgtctgg      120

ggccaaggg                                                              129


<210>  6372
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6372

Tyr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu
1               5                   10                  15


Tyr Tyr Cys Ala Lys Asp Met Gly Gly Ser Tyr Tyr Pro Pro Arg Tyr
            20                  25                  30


Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35                  40
```

<210> 6373
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6373

Cys Ala Lys Asp Tyr Cys Gly Gly Asp Cys Tyr Leu Ser Phe Trp Tyr
1 5 10 15

Phe Asp Leu Trp
20

<210> 6374
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6374
caagaactcc ctgtatctgc aatgaacagt ctgagagctg aggacacggc cttgtattac 60

tgtgcaaaag attattgtgg tggtgactgc tatttatcat tctggtactt cgatctctgg 120

ggccgtggc 129

<210> 6375
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6375

Gln Glu Leu Pro Val Ser Ala Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Leu Tyr Tyr Cys Ala Lys Asp Tyr Cys Gly Gly Asp Cys Tyr Leu

```
            20                  25                  30

Ser Phe Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35                  40


<210>  6376
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6376
aagaactccc tgtatctgca aatgaacagt ctgagagctg aggacacggc cttgtattac       60

tgtgcaaaag attattgtgg tggtgactgc tatttatcat tctggtactt cgatctctgg      120

ggccgtggc                                                              129


<210>  6377
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6377

Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1               5                   10                  15


Ala Leu Tyr Tyr Cys Ala Lys Asp Tyr Cys Gly Gly Asp Cys Tyr Leu
            20                  25                  30


Ser Phe Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35                  40


<210>  6378
<211>  18
<212>  PRT
<213>  Artificial Sequence
```

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6378

Cys Ala Lys Val Gly Val Ala Gly Thr Gly Asp Phe Trp Tyr Phe Asp
1   5   10   15

Leu Trp

<210> 6379
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6379
tgttccgaga acacgctgtt tctgcaaatg aacagcctga gagtcgagga cacggccgta   60

tattactgtg cgaaagtagg cgtggctggc actggggact tctggtactt cgatctctgg   120

ggccgtggc   129

<210> 6380
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6380

Cys Ser Glu Asn Thr Leu Phe Leu Gln Met Asn Ser Leu Arg Val Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Gly Val Ala Gly Thr Gly
            20   25   30

Asp Phe Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 6381
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6381
agttccgaga acacgctgtt tctgcaaatg aacagcctga gagtcgagga cacggccgta 60

tattactgtg cgaaagtagg cgtggctggc actggggact tctggtactt cgatctctgg 120

ggccgtggc 129

<210> 6382
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6382

Ser Ser Glu Asn Thr Leu Phe Leu Gln Met Asn Ser Leu Arg Val Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Gly Val Ala Gly Thr Gly
            20   25   30

Asp Phe Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 6383
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6383

Cys Ala Arg Trp Gly Met Gln Gln Gln Leu Gly Leu Asp Tyr Trp

1 5 10 15

<210> 6384
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6384
accagggact cgtccttcag cacagcctac atggagctga gcaggctgag atctgacgac 60

acggccgtgt attactgtgc gagatgggga atgcagcagc agctgggact tgactactgg 120

ggccaggga 129

<210> 6385
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6385

Thr Arg Asp Ser Ser Phe Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu
1 5 10 15

Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Trp Gly Met Gln
20 25 30

Gln Gln Leu Gly Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 6386
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6386

accagggaca cgtccatcag cacagcctac atggagctga gcaggctgag atctgacgac 60

acggccgtgt attactgtgc gagatgggga atgcagcagc agctgggact tgactactgg 120

ggccaggga 129

<210> 6387
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6387

Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu
1 5 10 15

Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Trp Gly Met Gln
20 25 30

Gln Gln Leu Gly Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 6388
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6388

Cys Ala Arg Lys Val Ala Ser Ser Gly Phe Gly Glu Leu Phe Phe Asp
1 5 10 15

Tyr Trp

<210> 6389
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6389
aattccaagg acacgctgta tctgcaaatg aacagcctga gagccgagga cacggccgta 60

tattactgtg cgagaaaagt cgcctcttcg gggttcgggg agttattttt tgactactgg 120

ggccaggga 129

<210> 6390
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6390

Asn Ser Lys Asp Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Lys Val Ala Ser Ser Gly Phe
            20   25   30

Gly Glu Leu Phe Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6391
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6391
aattccaaga acacgctgta tctgcaaatg aacagcctga gagccgagga cacggccgta 60

tattactgtg cgagaaaagt cgcctcttcg gggttcgggg agttattttt tgactactgg 120

ggccaggga 129

<210> 6392
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6392

Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Lys Val Ala Ser Ser Gly Phe
            20   25   30

Gly Glu Leu Phe Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6393
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6393

Cys Ala Arg Gly Phe Trp Ile Ala Thr Ala Gly Ile Asn Trp Phe Asp
1   5   10   15

Pro Trp

<210> 6394
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6394

acgtccaaga accagttctc cctgaagctg agctctgtga ccgccgcgga cacggccgtg 60

tatcactgtg cgagaggttt ttggatagca acagctggta tcaattggtt cgacccctgg 120

ggccaggga 129

<210> 6395
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6395

Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala
1 5 10 15

Asp Thr Ala Val Tyr His Cys Ala Arg Gly Phe Trp Ile Ala Thr Ala
20 25 30

Gly Ile Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6396
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6396
acgtccaaga accagttctc cctgaagccg agctctgtga ccgccgcgga cacggccgtg 60

tatcactgtg cgagaggttt ttggatagca acagctggta tcaattggtt cgacccctgg 120

ggccaggga 129

<210> 6397
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6397

Thr Ser Lys Asn Gln Phe Ser Leu Lys Pro Ser Ser Val Thr Ala Ala
1   5   10   15

Asp Thr Ala Val Tyr His Cys Ala Arg Gly Phe Trp Ile Ala Thr Ala
            20   25   30

Gly Ile Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 6398
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6398

Cys Ala Ser Thr Lys Phe Tyr Cys Thr Gly Gly Val Cys Ser Leu Asp
1   5   10   15

Tyr Trp

<210> 6399
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6399
acatccacga gcacagccta catggaactg aagggcctga gatctgacga ctcggccgtc   60

tattattgtg caagtaccaa gttctattgt actggtggtg tatgctccct tgactactgg   120

ggccaggga   129

<210> 6400
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6400

Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Lys Gly Leu Arg Ser Asp
1   5   10   15

Asp Ser Ala Val Tyr Tyr Cys Ala Ser Thr Lys Phe Tyr Cys Thr Gly
            20   25   30

Gly Val Cys Ser Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6401
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6401
acatccacga gcacaaccta catggaactg atgagcctga gatctgacga ctcggccgtg   60

tattactgtg caagtaccaa gttctattgt actggtggtg tttgctccct tgactactgg   120

ggccaggga   129

<210> 6402
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6402

Thr Ser Thr Ser Thr Thr Tyr Met Glu Leu Met Ser Leu Arg Ser Asp

1 5 10 15

Asp Ser Ala Val Tyr Tyr Cys Ala Ser Thr Lys Phe Tyr Cys Thr Gly
20 25 30

Gly Val Cys Ser Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 6403
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6403

Cys Ala Arg Glu Asn Ser Gly Tyr Glu Phe Asp Tyr Trp
1 5 10

<210> 6404
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6404
accatctcca gggacaacgc caagaactca ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gaaaatagtg gctacgagtt tgactactgg 120

ggccaggga 129

<210> 6405
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6405

```
Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1               5                   10                  15


Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Asn
            20                  25                  30


Ser Gly Tyr Glu Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  6406
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6406
accatctcca ggcacaaccc caagaactca ctgtatctgc aaatgaacag cctgagagcc       60

gaggacacgg ccgtgtatta ctgtgcgaga gaaaatagtg gctacgagtt tgactactgg      120

ggccaggga                                                              129


<210>  6407
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6407

Thr Ile Ser Arg His Asn Pro Lys Asn Ser Leu Tyr Leu Gln Met Asn
1               5                   10                  15


Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Asn
            20                  25                  30


Ser Gly Tyr Glu Phe Asp Tyr Trp Gly Gln Gly
        35                  40
```

<210> 6408
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6408

Cys Ala Lys Ser Arg Gly Val Asp Tyr Trp
1   5   10

<210> 6409
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6409
ggccggttca ccatctccag agacaattcc aagaacacgc tgtatctgca aatgaacagc   60

ctgagagccg aggacacggc cgtatattac tgtgcgaaaa gccggggtgt tgactactgg   120

ggccaggga   129

<210> 6410
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6410

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
1   5   10   15

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
            20   25   30

Lys Ser Arg Gly Val Asp Tyr Trp Gly Gln Gly

35 40

<210> 6411
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6411
ggcaggttca ccatctccag acacaattcc aagaactcgc tgtatctgca aattaacagc 60

ctgagagccg aggacacggc cgtatattac tgtgcgaaaa gccggggtgt tgactactgg 120

ggccaggga 129

<210> 6412
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6412

Gly Arg Phe Thr Ile Ser Arg His Asn Ser Lys Asn Ser Leu Tyr Leu
1 5 10 15

Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
20 25 30

Lys Ser Arg Gly Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 6413
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6413

Cys Ala Arg Asp Ser Gly Tyr Ser Asn Tyr Pro Tyr Phe Asp Tyr Trp
1   5   10   15

<210> 6414
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6414
tgggacaacg ccaacaactc actgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtgtatt actgtgcgag agattccgga tacagtaact acccctactt tgactactgg 120

ggccaggga 129

<210> 6415
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6415

Trp Asp Asn Ala Asn Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ser Gly Tyr Ser
            20   25   30

Asn Tyr Pro Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6416
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6416
agggacaacg ccaagaactc actgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtgtatt actgtgcgag agattccgga tacagtaact acccctactt tgactactgg 120

ggccaggga 129

<210> 6417
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6417

Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ser Gly Tyr Ser
20 25 30

Asn Tyr Pro Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6418
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6418

Cys Ala Arg Pro Gly Gly Arg Ile Val Gly Ala Leu Trp Gly Ala Phe
1 5 10 15

Asp Tyr Trp

<210> 6419

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6419
tccatcagcg ccgcctacct gcagtggagc agcctgaagg cctcggacac cgccatgtat 60

tactgcgcga gacccggcgg taggatagtg ggagctctct ggggggcttt tgactactgg 120

ggccaggga 129

<210> 6420
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6420

Ser Ile Ser Ala Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp
1 5 10 15

Thr Ala Met Tyr Tyr Cys Ala Arg Pro Gly Gly Arg Ile Val Gly Ala
20 25 30

Leu Trp Gly Ala Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6421
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6421
tccatcagca ccgcctacct gcagtggagc agcctgaagg cctcggacac cgccatgtat 60

tactgtgcga gacccggcgg taggatagtg ggagctctct ggggggcttt tgactactgg 120

ggccaggga 129

<210> 6422
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6422

Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp
1 5 10 15

Thr Ala Met Tyr Tyr Cys Ala Arg Pro Gly Gly Arg Ile Val Gly Ala
20 25 30

Leu Trp Gly Ala Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6423
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6423

Cys Ala Arg Glu Val Tyr Ser Gly Gly Trp His Val Gly Val Gly Asp
1 5 10 15

Tyr Trp

<210> 6424
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6424
accgctgtcg gcacggcata tctgcagatc agcagcctaa aggctgagga cactgccgtg 60

tattattgtg cgagagaagt gtatagcggt ggctggcacg tgggggtcgg ggactactgg 120

ggccaggga 129

<210> 6425
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6425

Thr Ala Val Gly Thr Ala Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Val Tyr Ser Gly Gly Trp
20 25 30

His Val Gly Val Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 6426
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6426
accgctgtcg gcacggcata tctgcagatc agcagcctaa aggctgagga cactgccatg 60

tattattgtg cgagagaagt gtatagcggt ggctggcacg tgggggtcgg ggactactgg 120

ggccagggg 129

<210> 6427
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6427

Thr Ala Val Gly Thr Ala Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu
1   5   10   15

Asp Thr Ala Met Tyr Tyr Cys Ala Arg Glu Val Tyr Ser Gly Gly Trp
            20   25   30

His Val Gly Val Gly Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6428
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6428

Cys Ala Arg Asp Arg Arg Phe Leu Glu Trp Leu Lys Ala Asn Tyr Tyr
1   5   10   15

Gly Met Asp Val Trp
            20

<210> 6429
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6429
tgcacagcct acttggagct gaggagcctg agatctgacg acacggccgt gtattactgt   60

gcgagagatc ggcgattttt ggagtggtta aaagcgaact actacggtat ggacgtctgg   120

ggccaaggg 129

<210> 6430
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6430

Cys Thr Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Arg Arg Phe Leu Glu Trp Leu Lys Ala
20 25 30

Asn Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6431
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6431
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagatc ggcgattttt ggagtggtta aaagcgaact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6432
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6432

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Asp Arg Arg Phe Leu Glu Trp Leu Lys Ala
            20   25   30

Asn Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6433
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6433

Cys Ala Arg Gly Pro Glu Trp Leu His Tyr Leu Asp Tyr Trp
1   5   10

<210> 6434
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6434
ttatcaatag acaggcccaa gaaccagttc tccctgaacc tgagctctgt gaccgctgcg   60

gacacggccg tgtattactg tgcgagaggc ccggagtggc ttcattactt ggactactgg   120

ggccaggga   129

<210> 6435
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6435

Leu Ser Ile Asp Arg Pro Lys Asn Gln Phe Ser Leu Asn Leu Ser Ser
1 5 10 15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Pro Glu
20 25 30

Trp Leu His Tyr Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 6436
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6436
atatcaatag acaggtccaa gaaccagttc tccctgaacc tgagctctgt gaccgctgcg 60

gacacggccg tgtattactg tgcgagaggc ccggagtggc ttcattactt ggactactgg 120

ggccaggga 129

<210> 6437
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6437

Ile Ser Ile Asp Arg Ser Lys Asn Gln Phe Ser Leu Asn Leu Ser Ser
1 5 10 15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Pro Glu
20 25 30

Trp Leu His Tyr Leu Asp Tyr Trp Gly Gln Gly

35 40

<210> 6438
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6438

Cys Ala Arg Gly Ser Ser Asp Glu Ala Thr Tyr Tyr Tyr Gly Pro Asp
1 5 10 15

Asp Ala Phe Asp Ile Trp
20

<210> 6439
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6439
acagcctact tggagctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg 60

agaggatcat ccgacgaagc gacgtattac tatggtcccg atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6440
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6440

Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Gly Ser Ser Asp Glu Ala Thr Tyr Tyr Tyr Gly
            20   25   30

Pro Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 6441
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6441
acagcctaca tggagctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg 60

agaggatcat ccgacgaagc gacgtattac tatggtcccg atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6442
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6442

Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Gly Ser Ser Asp Glu Ala Thr Tyr Tyr Tyr Gly
            20   25   30

Pro Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 6443
<211> 13
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6443

Cys Ala Arg Asp Arg Thr Gly Leu Gly Leu Asp Ile Trp
1   5   10

<210> 6444
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6444
accacttccg tagacaggtc caagaaccag ttctccctga aggtgaactc tgtgaccgcc   60

gcagacacgg ccgtgtatta ctgtgcgaga gacaggactg gtttagggct tgatatctgg   120

ggccaaggg   129

<210> 6445
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6445

Thr Thr Ser Val Asp Arg Ser Lys Asn Gln Phe Ser Leu Lys Val Asn
1   5   10   15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg
            20   25   30

Thr Gly Leu Gly Leu Asp Ile Trp Gly Gln Gly
        35   40

<210> 6446

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6446
accacatccg tagacaggtc caagaacctg ttctccctga aggtgaactc tgtgaccgcc 60

gcagacacgg ccgtgtatta ctgtgcgaga gacaggactg gtttagggct tgatatctgg 120

ggccaaggg 129

<210> 6447
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6447

Thr Thr Ser Val Asp Arg Ser Lys Asn Leu Phe Ser Leu Lys Val Asn
1 5 10 15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg
20 25 30

Thr Gly Leu Gly Leu Asp Ile Trp Gly Gln Gly
35 40

<210> 6448
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6448

Cys Ala Arg Asp Gly Trp Ala Cys Trp
1 5

<210> 6449
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6449
aaaagtctaa taagcatcaa cgcagacaca tccaagaacc agttctccct gcacttaaac 60

tttgtgactc ccgaggacac ggctgtgtat tactgtgcaa gagatggctg ggcctgctgg 120

ggccaggga 129

<210> 6450
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6450

Lys Ser Leu Ile Ser Ile Asn Ala Asp Thr Ser Lys Asn Gln Phe Ser
1   5   10   15

Leu His Leu Asn Phe Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys
            20   25   30

Ala Arg Asp Gly Trp Ala Cys Trp Gly Gln Gly
        35   40

<210> 6451
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6451
aaaagtcgaa taagcatcaa cgcagacaca tccaagaacc agttctccct gcacttgaac 60

tttgtgactc ccgaggacac ggctgtgtat tactgtgcaa gagatggctg ggcctgctgg 120

ggccaggga 129

<210> 6452
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6452

Lys Ser Arg Ile Ser Ile Asn Ala Asp Thr Ser Lys Asn Gln Phe Ser
1 5 10 15

Leu His Leu Asn Phe Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys
20 25 30

Ala Arg Asp Gly Trp Ala Cys Trp Gly Gln Gly
35 40

<210> 6453
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6453

Cys Ala Arg Ala Met Ser Ile Ala Ala Arg Arg Gly Val Gly Tyr Trp
1 5 10 15

<210> 6454
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6454

tgggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agctatgagt atagcagctc ggcggggcgt tgggtactgg 120

ggccaggga 129

<210> 6455
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6455

Trp Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Met Ser Ile Ala
20 25 30

Ala Arg Arg Gly Val Gly Tyr Trp Gly Gln Gly
35 40

<210> 6456
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6456
agggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agctatgagt atagcagctc ggcggggcgt tgggtactgg 120

ggccaggga 129

<210> 6457
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6457

Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1   5   10   15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Met Ser Ile Ala
            20   25   30

Ala Arg Arg Gly Val Gly Tyr Trp Gly Gln Gly
        35   40

<210> 6458
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6458

Cys Ala His Tyr His Gly Asp Tyr Asp Thr Trp
1   5   10

<210> 6459
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6459
caggctcacc atcaccaagg acacctccaa aaccaggtgg tccttacaat gaccaacatg   60

gaccctgtgg acacagccac atattactgt gcacactacc acggtgacta cgacacctgg   120

ggccaggga   129

<210> 6460
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6460

Gln Ala His His His Gln Gly His Leu Gln Asn Gln Val Val Leu Thr
1   5   10   15

Met Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His
            20   25   30

Tyr His Gly Asp Tyr Asp Thr Trp Gly Gln Gly
        35   40

<210> 6461
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6461
aggctcacca tcaccaagga cacctccaaa aaccaggtgg tccttacaat gaccaacatg   60

gaccctgtgg acacagccac atattactgt gcacactacc acggtgacta cgacacctgg   120

ggccaggga   129

<210> 6462
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6462

Arg Leu Thr Ile Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr
1   5   10   15

Met Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His

20 25 30

Tyr His Gly Asp Tyr Asp Thr Trp Gly Gln Gly
35 40

<210> 6463
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6463

Cys Ala Arg Gly Asp Ser Ser Ser Trp Phe Val Asp Tyr Trp
1 5 10

<210> 6464
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6464
ttgaccaggg acacgtccac gagcacagtc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagaggg gacagcagca gctggtttgt ggactactgg 120

ggccaggga 129

<210> 6465
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6465

Leu Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asp Ser
            20   25   30

Ser Ser Trp Phe Val Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6466
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6466
atgaccaggg acacgtccac gagcacagtc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagaggg gacagcagca gctggtttgt ggactactgg 120

ggccaggga 129

<210> 6467
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6467

Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser
1   5   10   15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asp Ser
            20   25   30

Ser Ser Trp Phe Val Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6468
<211> 22
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6468

Cys Ala His Arg Arg Asn Leu Asp Tyr Phe Asp Gly Ser Gly Arg Tyr
1   5   10   15

Asn Tyr Phe Gly Pro Trp
            20

<210> 6469
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6469
caggtggtcc taacaatgac caacgtggac cctgtggaca cagccaccta ttactgtgca   60

cacagacgta atctggatta ctttgatggt agtggtcgct acaactactt cggcccctgg   120

ggccaggga   129

<210> 6470
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6470

Gln Val Val Leu Thr Met Thr Asn Val Asp Pro Val Asp Thr Ala Thr
1   5   10   15

Tyr Tyr Cys Ala His Arg Arg Asn Leu Asp Tyr Phe Asp Gly Ser Gly
            20   25   30

Arg Tyr Asn Tyr Phe Gly Pro Trp Gly Gln Gly

35 40

<210> 6471
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6471
ccaggtggtc ctacaatgac caacgtggac cctgtggaca cagccaccta ttactgtgca 60

cacagacgta atctggatta ctttgatggt agtggtcgct acaactactt cggcccctgg 120

ggccaggga 129

<210> 6472
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6472

Pro Gly Gly Pro Thr Met Thr Asn Val Asp Pro Val Asp Thr Ala Thr
1 5 10 15

Tyr Tyr Cys Ala His Arg Arg Asn Leu Asp Tyr Phe Asp Gly Ser Gly
20 25 30

Arg Tyr Asn Tyr Phe Gly Pro Trp Gly Gln Gly
35 40

<210> 6473
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6473

Cys Thr Thr Glu Gly Ser Gly Trp Tyr Leu Phe Tyr Trp
1 5 10

<210> 6474
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6474
accatctcaa gagatgattc aaaagacacg ctgtatctgc aaatgaacag cctgaaaacc 60

gaggacacag ccgtgtatta ttgtaccaca gagggcagtg gctggtattt gttctactgg 120

ggccaggga 129

<210> 6475
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6475

Thr Ile Ser Arg Asp Asp Ser Lys Asp Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Glu Gly
            20 25 30

Ser Gly Trp Tyr Leu Phe Tyr Trp Gly Gln Gly
        35 40

<210> 6476
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6476
accatctcaa gagatgattc aaaaaacacg ctgtatctgc aaatgaacag cctgaaaacc 60

gaggacacag ccgtgtatta ttgtaccaca gagggcagtg gctggtattt gttctactgg 120

ggccaggga 129

<210> 6477
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6477

Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Glu Gly
20 25 30

Ser Gly Trp Tyr Leu Phe Tyr Trp Gly Gln Gly
35 40

<210> 6478
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6478

Cys Ala Arg Arg Lys Val Gly Gly Gly Tyr Trp Tyr Phe Asp Leu Trp
1 5 10 15

<210> 6479
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6479
tgggacaacg ccaagaactc actgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtgtatt actgtgcgag acggaaggtt ggcgggggtt actggtactt cgatctctgg 120

ggccgtggc 129

<210> 6480
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6480

Trp Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Arg Lys Val Gly Gly
            20   25   30

Gly Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 6481
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6481
agggacaacg ccaagaactc actgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtgtatt actgtgcgag acggaaggtt ggcgggggtt actggtactt cgatctctgg 120

ggccgtggc 129

<210> 6482

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6482

Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Arg Lys Val Gly Gly
20 25 30

Gly Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 6483
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6483

Cys Ala His Arg Gln Gly Ala Ala Ala Val Val Gly Trp Phe Asp Pro
1 5 10 15

Trp

<210> 6484
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6484
gacacctcca aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacag acaaggagca gcagctgttg ttggctggtt cgacccctgg 120

ggccaggga 129

<210> 6485
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6485

Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Gln Gly Ala Ala Ala
20 25 30

Val Val Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6486
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6486
ggacacctcc aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacag acaaggagca gcagctgttg ttggctggtt cgacccctgg 120

ggccaggga 129

<210> 6487
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6487

Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Gln Gly Ala Ala Ala
20 25 30

Val Val Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6488
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6488

Cys Ala Arg Gly His Gln Ser Gly Tyr Asn Tyr Tyr Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 6489
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6489
aaccagttct ccctgaagct gagctttgtg accgccgcgg acacggctgt gtattactgt 60

gcgagagggc atcaaagtgg ctacaactac tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6490

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6490

Asn Gln Phe Ser Leu Lys Leu Ser Phe Val Thr Ala Ala Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Gly His Gln Ser Gly Tyr Asn Tyr Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6491
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6491
aaccagttct ccctgaagct gagctctgtg accgccgcgg acacggctgt gtattactgt 60

gcgagagggc atcaaagtgg ctacaactac tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6492
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6492

Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Gly His Gln Ser Gly Tyr Asn Tyr Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6493
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6493

Cys Ala Arg Leu Arg Tyr Cys Ser Ser Ile Thr Ser Cys Ser Tyr Tyr
1   5   10   15

Cys Asp Tyr Trp
            20

<210> 6494
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6494
atcagcaccg cctacctgca gtggagcagc ctgaaggcct tggacaccgc catgtattac 60

tgtgcgagac tcagatattg tagtagtatt actagctgct cctactactg tgactactgg 120

ggccaggga 129

<210> 6495
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6495

Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala Leu Asp Thr
1 5 10 15

Ala Met Tyr Tyr Cys Ala Arg Leu Arg Tyr Cys Ser Ser Ile Thr Ser
20 25 30

Cys Ser Tyr Tyr Cys Asp Tyr Trp Gly Gln Gly
35 40

<210> 6496
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6496
atcagcaccg cctacctgca gtggagcagc ctgaaggcct cggacaccgc catgtattac 60

tgtgcgagac tcagatattg tagtagtatt actagctgct cctactactg tgactactgg 120

ggccaggga 129

<210> 6497
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6497

Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Thr
1 5 10 15

Ala Met Tyr Tyr Cys Ala Arg Leu Arg Tyr Cys Ser Ser Ile Thr Ser
20 25 30

Cys Ser Tyr Tyr Cys Asp Tyr Trp Gly Gln Gly

35 40

<210> 6498
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6498

Cys Ala Ala Asp Ser Pro Lys Gly Ser Ile Thr Gly Thr Arg Trp Tyr
1 5 10 15

Tyr Tyr Tyr Gly Met Asp Val Trp
20

<210> 6499
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6499
tacttggagc tgagctgcct gagatccgag gacacggccg tgtattactg tgcggcagat 60

tcaccaaagg ggagtataac tggaactcgg tggtactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6500
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6500

Tyr Leu Glu Leu Ser Cys Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

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

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6501
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6501
tacatggagc tgagcagcct gagatccgag gacacggccg tgtattactg tgcggcagat 60

tcaccaaagg ggagtataac tggaactcgg tggtactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6502
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6502

Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr
1   5   10   15

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

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6503
<211> 13
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6503

Cys Ala Lys Asp Arg Trp Ile Ala Ala Ala Gly Asp Trp
1 5 10

<210> 6504
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6504
accatctcca gagacaattc caagaacacc ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccctatatta ctgtgcgaaa gatagatgga tagcggcagc tggtgactgg 120

ggccaggga 129

<210> 6505
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6505

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Arg
20 25 30

Trp Ile Ala Ala Ala Gly Asp Trp Gly Gln Gly
35 40

<210> 6506

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6506
accatctcca gagacaattc caagaacacc ctgtatccgc aaatgaacag cctgagagcc 60

gaggacacgg ccctatatta ctgtgcgaaa gatagatgga tagcggcagc tggtgactgg 120

ggccaggga 129

<210> 6507
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6507

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Pro Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Arg
20 25 30

Trp Ile Ala Ala Ala Gly Asp Trp Gly Gln Gly
35 40

<210> 6508
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6508

Cys Ala Arg Val Ile Ala Ala Ala Gly Asn Pro Phe Asp Tyr Trp
1 5 10 15

<210> 6509
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6509
accacagaca catccacgac cacagcctac atggagttga ggagcctgag atctgacgac 60

acggccgtgt attactgtgc gagagtcata gcagcagctg gcaatccctt tgactactgg 120

ggccaggga 129

<210> 6510
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6510

Thr Thr Asp Thr Ser Thr Thr Thr Ala Tyr Met Glu Leu Arg Ser Leu
1 5 10 15

Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Ile Ala Ala
            20 25 30

Ala Gly Asn Pro Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 6511
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6511
accacacaca catccacgac cacagcctac atggagttga ggagcctgag atctgacgac 60

acggccgtgt attactgtgc gagagtcata gcagcagctg gcaatccctt tgactactgg 120

ggccaggga 129

<210> 6512
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6512

Thr Thr His Thr Ser Thr Thr Thr Ala Tyr Met Glu Leu Arg Ser Leu
1 5 10 15

Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Ile Ala Ala
20 25 30

Ala Gly Asn Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6513
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6513

Cys Ala Gly Ser Ser Gly Trp Arg Trp Tyr Phe Asp Tyr Trp
1 5 10

<210> 6514
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6514

atctccagag acaacgccaa gaactccctg tatctgcaaa tgaacagtct gagagctgag 60

gacacggcct tgtattactg tgcgggtagt agtggttgga ggtggtactt tgactactgg 120

ggccaggga 129

<210> 6515
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6515

Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Gly Ser Ser Gly
20 25 30

Trp Arg Trp Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6516
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6516
atctccagag acaacgccaa gaactccctg tatctgcaaa tgaacagtct gagagctgag 60

gacacggcct tgtattactg tgcgggcagt agtggttgga ggtggtactt tgactactgg 120

ggccaggga 129

<210> 6517
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6517

Cys Ala Arg Gly Asn Asp Trp Tyr Ser Ser Ser Trp Tyr Leu Leu Asp
1   5   10   15

Tyr Trp

<210> 6518
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6518
tcgtctaaga acctgttctc cctgaagctg agctctgtga ctgccgcgga cacggccgtg   60

tattactgtg cgagaggaaa cgactggtat agcagcagct ggtacttgct tgactactgg   120

ggccaggga   129

<210> 6519
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6519

Ser Ser Lys Asn Leu Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asn Asp Trp Tyr Ser Ser
            20   25   30

Ser Trp Tyr Leu Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6520
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6520
acgtctaaga accagttctc cctgaagctg agctctgtga ctgccgcgga cacggccgtg 60

tattactgtg cgagaggaaa cgactggtat agcagcagct ggtacttgct tgactactgg 120

ggccaggga 129

<210> 6521
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6521

Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asn Asp Trp Tyr Ser Ser
20 25 30

Ser Trp Tyr Leu Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 6522
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6522

Cys Ala Lys Asp Leu Arg Glu Glu Ser Glu Tyr Asp Tyr Val Trp Gly

1 5 10 15

Ser Tyr Arg Ala Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
20 25

<210> 6523
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6523
tgcctgagag ccgaggacac ggccgtatat tactgtgcga aagatctacg tgaagagtcc 60

gaatatgatt acgtttgggg gagttatcgt gcttactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6524
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6524

Cys Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu
1 5 10 15

Arg Glu Glu Ser Glu Tyr Asp Tyr Val Trp Gly Ser Tyr Arg Ala Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6525
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6525
agcctgagag ccgaggacac ggccgtatat tactgtgcga aagatctacg tgaagagtcc 60

gaatatgatt acgtttgggg gagttatcgt gcttactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6526
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6526

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu
1   5   10   15

Arg Glu Glu Ser Glu Tyr Asp Tyr Val Trp Gly Ser Tyr Arg Ala Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6527
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6527

Cys Ala Lys Leu Trp Gly Gly Gly Tyr Tyr His Ala Phe Asp Ile Trp
1   5   10   15

<210> 6528
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6528
atatataatt ccaagaacac actgtatctg caaatgaaca gtctgagagc cgaggacacg 60

gccgtatatt attgtgcgaa actgtggggt gggggctatt accatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6529
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6529

Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Leu Trp Gly Gly Gly
20 25 30

Tyr Tyr His Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6530
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6530
agagataatt ccaagaacac actgtatctg caaatgaaca gtctgagagc cgaggacacg 60

gccgtatatt attgtgcgaa actgtggggt gggggctatt accatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6531
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6531

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Leu Trp Gly Gly Gly
            20   25   30

Tyr Tyr His Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 6532
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6532

Cys Ala Arg Gly Gly Gly Ser Tyr Tyr Ser Asp Phe Asp Tyr Trp
1   5   10   15

<210> 6533
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6533
tcagttgaca cgtctaagaa ccagttctcc ctgaagctga gctctgtgac tgccgcggac   60

acggccgtgt attactgtgc gagaggagga gggagttatt attcggactt tgactactgg   120

ggccaggga 129

<210> 6534
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6534

Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val
1 5 10 15

Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Gly Ser
20 25 30

Tyr Tyr Ser Asp Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6535
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6535
tatgttgaca cgtctaagaa ccagttctcc ctgaagctga gctctgtgac tgccgcggac 60

acggccgtgt attactgtgc gagaggagga gggagttatt attcggactt tgactactgg 120

ggccaggga 129

<210> 6536
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6536

Tyr Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val
1   5   10   15

Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Gly Ser
            20   25   30

Tyr Tyr Ser Asp Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6537
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6537

Cys Ala Arg Leu Leu Ile Pro Met Tyr Tyr Tyr Gly Ser Gly Ser Tyr
1   5   10   15

Tyr Asn His Asn Trp Phe Asp Pro Trp
            20   25

<210> 6538
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6538
ttggagctga gcaggctgag atctgacgac acggccgtgt attactgtgc gaggctcctg   60

ataccgatgt attactatgg ttcggggagt tattataacc acaactggtt cgacccctgg   120

ggccaggga   129

<210> 6539
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6539

Leu Glu Leu Ser Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Leu Leu Ile Pro Met Tyr Tyr Tyr Gly Ser Gly Ser Tyr Tyr
            20   25   30

Asn His Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 6540
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6540
atggagctga gcaggctgag atctgacgac acggccgtgt attactgtgc gaggctcctg   60

ataccgatgt attactatgg ttcggggagt tattataacc acaactggtt cgacccctgg   120

ggccaggga   129

<210> 6541
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6541

Met Glu Leu Ser Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Leu Leu Ile Pro Met Tyr Tyr Tyr Gly Ser Gly Ser Tyr Tyr

20 25 30

Asn His Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6542
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6542

Cys Ala Arg Val Gly Ile Val Val Leu Ile Thr Gly Val Cys Tyr Phe
1 5 10 15

Asp Tyr Trp

<210> 6543
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6543
tccaagagca cgctgtatct tcaaatgaac agcctgagag ccgaggacac ggccgtgtat 60

tactgtgcga gagttggaat agtagtgctt attacggggg tatgctactt tgactactgg 120

ggccaggga 129

<210> 6544
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6544

Ser Lys Ser Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Arg Val Gly Ile Val Val Leu Ile Thr
            20   25   30

Gly Val Cys Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6545
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6545
tccaagaaca cgctgtatct tcaaatgaac agcctgagag ccgaggacac ggccgtgtat 60

tactgtgcga gagttggaat agtagtgctt attacggggg tatgctactt tgactactgg 120

ggccaggga 129

<210> 6546
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6546

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Arg Val Gly Ile Val Val Leu Ile Thr
            20   25   30

Gly Val Cys Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6547
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6547

Cys Ala Arg Ala Glu Ile Val Gly Ala Thr Asp His Phe Asp Tyr Trp
1 5 10 15

<210> 6548
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6548
tgggacacat ccgcgagcac agcctacatg gagctgagca gcctgagatc tgaagacacg 60

gctgtgtatt actgtgcgag agctgagata gtgggagcta ccgatcactt tgactactgg 120

ggccaggga 129

<210> 6549
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6549

Trp Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

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

Ala Thr Asp His Phe Asp Tyr Trp Gly Gln Gly

35 40

<210> 6550
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6550
agggacacat ccgcgagcac agcctacatg gagctgagca gcctgagatc tgaagacacg 60

gctgtgtatt actgtgcgag agctgagata gtgggagcta ccgatcactt tgactactgg 120

ggccaggga 129

<210> 6551
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6551

Arg Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

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

Ala Thr Asp His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6552
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6552

Cys Ala Lys Val Val Gly Gly Gly Asp Cys Ser Gly Gly Ser Cys Tyr
1   5   10   15

Gly Trp Tyr Phe Asp Leu Trp
            20

<210> 6553
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6553
ctgtatctgc aaatgagcag tctgagagct gaggacacgg ccttgtatta ctgtgcaaaa 60

gttgtgggcg gaggagattg tagtggtggt agctgctacg gttggtactt cgatctctgg 120

ggccgtggc 129

<210> 6554
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6554

Leu Tyr Leu Gln Met Ser Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr
1   5   10   15

Tyr Cys Ala Lys Val Val Gly Gly Gly Asp Cys Ser Gly Gly Ser Cys
            20   25   30

Tyr Gly Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 6555
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6555
ctgtatctgc aaatgaacag tctgagagct gaggacacgg ccttgtatta ctgtgcaaaa 60

gttgtgggcg gaggagattg tagtggtggt agctgctacg gttggtactt cgatctctgg 120

ggccgtggc 129

<210> 6556
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6556

Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr
1 5 10 15

Tyr Cys Ala Lys Val Val Gly Gly Gly Asp Cys Ser Gly Gly Ser Cys
20 25 30

Tyr Gly Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 6557
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6557

Cys Ala His Ser Arg Gly Val Trp Glu Leu Pro Asp Phe Asp Tyr Trp
1 5 10 15

<210> 6558

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6558
caaggacacc tccaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cagccggggg gtgtgggagc tacccgactt tgactactgg 120

ggccaggga 129

<210> 6559
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6559

Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Arg Gly Val Trp
20 25 30

Glu Leu Pro Asp Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6560
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6560
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cagccggggg gtgtgggagc tacccgactt tgactactgg 120

ggccaggga 129

<210> 6561
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6561

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Arg Gly Val Trp
20 25 30

Glu Leu Pro Asp Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6562
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6562

Cys Ala Lys Glu Gly Pro Val Arg Gly Val Pro Thr Glu Phe Asp Pro
1 5 10 15

Trp

<210> 6563
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6563
tataattcca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga agggccggtt cggggagttc cgaccgagtt cgacccctgg 120

ggccaggga 129

<210> 6564
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6564

Tyr Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Gly Pro Val Arg Gly
20 25 30

Val Pro Thr Glu Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6565
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6565
gataattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga agggccggtt cggggagttc cgaccgagtt cgacccctgg 120

ggccaggga 129

<210> 6566
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6566

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Gly Pro Val Arg Gly
            20   25   30

Val Pro Thr Glu Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 6567
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6567

Cys Ala Arg Asp Tyr Tyr Tyr Asp Ser Ser Gly Gln Glu Asn Arg Leu
1   5   10   15

Trp Phe Asp Pro Trp
            20

<210> 6568
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6568
tgcacagtct acttggagct gagcagcctg agatctgagg acacggccgt gtattactgt   60

gcgagagatt actactatga tagtagtggt caggaaaatc gactgtggtt cgacccctgg   120

ggccaggga 129

<210> 6569
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6569

Cys Thr Val Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Tyr Tyr Tyr Asp Ser Ser Gly Gln Glu
20 25 30

Asn Arg Leu Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6570
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6570
agcacagtct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagatt actactatga tagtagtggt caggaaaatc gactgtggtt cgacccctgg 120

ggccaggga 129

<210> 6571
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6571

Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Asp Tyr Tyr Tyr Asp Ser Ser Gly Gln Glu
            20   25   30

Asn Arg Leu Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 6572
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6572

Cys Gly Arg His Glu Trp Leu Gly Leu Phe Asp His Trp
1   5   10

<210> 6573
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6573
tacatatcca tagacacgtc caagaatcag ttctccctga agctgagctc tgtgaccgcc 60

gcagacacgg ctgtgtatta ctgtgggaga catgagtggc tgggactttt tgaccactgg 120

ggccaggga 129

<210> 6574
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6574

Tyr Ile Ser Ile Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser
1 5 10 15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Gly Arg His Glu
20 25 30

Trp Leu Gly Leu Phe Asp His Trp Gly Gln Gly
35 40

<210> 6575
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6575
accatatcca tagacacgtc caagaatcag ttctccctga agctgagctc tgtgaccgcc 60

gcagacacgg ctgtgtatta ctgtgggaga catgagtggc tgggactttt tgaccactgg 120

ggccaggga 129

<210> 6576
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6576

Thr Ile Ser Ile Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser
1 5 10 15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Gly Arg His Glu
20 25 30

Trp Leu Gly Leu Phe Asp His Trp Gly Gln Gly

35 40

<210> 6577
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6577

Cys Thr Thr Val Glu Gln Trp Leu Leu Arg Gly Val Glu Tyr Trp
1 5 10 15

<210> 6578
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6578
tcaagagatg attcaaaaaa cacactgtat ctgcaaatga acagcctgaa aagtgaggac 60

acagccgtgt attactgtac cactgtagag cagtggctgc taagaggtgt ggaatactgg 120

ggccaggga 129

<210> 6579
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6579

Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Ser Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Val Glu Gln Trp
20 25 30

Leu Leu Arg Gly Val Glu Tyr Trp Gly Gln Gly
35 40

<210> 6580
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6580
tcaagagatg attcaaaaaa cacactgtat ctgcaaatga acagcctgaa aagtgaggac 60

acagccgtgc attactgtac cactgtagag cagtggctgc taagaggtgt ggaatactgg 120

ggccaggga 129

<210> 6581
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6581

Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Ser Glu Asp Thr Ala Val His Tyr Cys Thr Thr Val Glu Gln Trp
20 25 30

Leu Leu Arg Gly Val Glu Tyr Trp Gly Gln Gly
35 40

<210> 6582
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6582

Cys Ala His Ser Pro Asn Glu Tyr Ser Ser Ser Gly Tyr Phe Asp
1 5 10 15

Tyr Trp

<210> 6583
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6583
acctccaaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacacagccc caatgagtat agcagctcgt ccggctactt tgactactgg 120

ggccaggga 129

<210> 6584
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6584

Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Pro Asn Glu Tyr Ser Ser
20 25 30

Ser Ser Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6585

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6585
cacctccaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacacagccc caatgagtat agcagctcgt ccggctactt tgactactgg 120

ggccaggga 129

<210> 6586
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6586

His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Pro Asn Glu Tyr Ser Ser
20 25 30

Ser Ser Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6587
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6587

Cys Ala Arg Gln Phe Leu Thr Lys Asp Ile Val Ile Leu Pro Ala Ala
1 5 10 15

Asp Asp Ala Phe Asp Ile Trp
            20

<210> 6588
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6588
ttctccctga ggctgagctc tgtgaccgcc gcagacacgg ctgtgtattt ctgtgcgaga 60

cagttcttga cgaaggatat tgttatacta ccagctgccg atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6589
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6589

Phe Ser Leu Arg Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr
1   5   10   15

Phe Cys Ala Arg Gln Phe Leu Thr Lys Asp Ile Val Ile Leu Pro Ala
            20   25   30

Ala Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 6590
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6590
ttctccctga ggccgagctc tgtgaccgcc gcagacacgg ctgtgtattt ctgtgcgaga 60

cagttcttga cgaaggatat tgttatacta ccagctgccg atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6591
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6591

Phe Ser Leu Arg Pro Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr
1 5 10 15

Phe Cys Ala Arg Gln Phe Leu Thr Lys Asp Ile Val Ile Leu Pro Ala
20 25 30

Ala Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6592
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6592

Cys Ala Lys Asp Phe Tyr Gly Asp Pro Leu Tyr Tyr Phe Asp Tyr Trp
1 5 10 15

<210> 6593
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6593
agagacaacg ccaagaactc cctgtatctg caaatgaaca gtctgagagc tgaggacacg 60

gccttgtatt actgtgcaaa agatttctac ggcgacccct tgtactactt tgactactgg 120

ggccaggga 129

<210> 6594
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6594

Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Phe Tyr Gly Asp
            20   25   30

Pro Leu Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6595
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6595
agagacaacg ccaagaactc cctgtatctg caaatgaaca gcctgagagc tgaggacacg 60

gccttgtatt actgtgcaaa agatttctac ggcgacccct tgtactactt tgactactgg 120

ggccaggga 129

<210> 6596

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6596

Cys Ala Lys Gly Gly Tyr Gly Ser Gly Glu Phe Asp Tyr Trp
1 5 10

<210> 6597
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6597
atctccatag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaggg ggctatggtt cgggagagtt tgactactgg 120

ggccaggga 129

<210> 6598
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6598

Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly Tyr
20 25 30

Gly Ser Gly Glu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6599
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6599
atctccagag ataattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaggg ggctatggtt cgggagagtt tgactactgg 120

ggccaggga 129

<210> 6600
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6600

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly Tyr
20 25 30

Gly Ser Gly Glu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6601
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6601

Cys Ala Ser His Pro Asn Trp Asp Ser Phe Tyr Phe Asp Tyr Trp

1 5 10 15

<210> 6602
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6602
tccagagatg aatcaaagaa cacggcgtat ctgcaaatga acagcctgaa aaccgaggac 60

acggccgtgt attactgtgc tagccaccct aactgggatt cgttctactt tgactactgg 120

ggccaggga 129

<210> 6603
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6603

Ser Arg Asp Glu Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser His Pro Asn Trp
20 25 30

Asp Ser Phe Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6604
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6604

tccagagatc aatcaaacaa cacggcgtat ctgcaaatga acagcctgaa aaccgaggac 60

acggccgtgt attactgtgc tagccaccct aactgggatt cgttctactt tgactactgg 120

ggccaggga 129

<210> 6605
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6605

Ser Arg Asp Gln Ser Asn Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser His Pro Asn Trp
20 25 30

Asp Ser Phe Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6606
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6606

Cys Ala Lys Gly Leu Pro Arg Asp Leu Phe Asp Tyr Trp
1 5 10

<210> 6607
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6607
accatctcca gagacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaag gggcttcccc gggacctttt tgactactgg 120

ggccaggga 129

<210> 6608
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6608

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Leu
20 25 30

Pro Arg Asp Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6609
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6609
accatctcca gacacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaag gggcttcccc gggacctttt tgactactgg 120

ggccaggga 129

<210> 6610
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6610

Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Leu
            20   25   30

Pro Arg Asp Leu Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6611
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6611

Cys Ala Arg Gly Pro Arg Val Val Thr Val Gly Thr Asp Tyr Tyr Tyr
1   5   10   15

Tyr Gly Met Asp Val Trp
            20

<210> 6612
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6612
acgctgtatc ttcaaatgaa cagcctgaga gccgaggaca cggccgtgta ttactgtgcg   60

agagggccta gggtggtgac tgtaggaacc gattactact actacggtat ggacgtctgg   120

ggccaaggg 129

<210> 6613
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6613

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Gly Pro Arg Val Val Thr Val Gly Thr Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6614
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6614
aagatgtatc ttcaaatgaa cagcctgaga gccgaggaca cggccgtgta ttactgtgcg 60

agagggccta gggtggtgac tgtaggaacc gattactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6615
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6615

Lys Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Gly Pro Arg Val Val Thr Val Gly Thr Asp Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6616
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6616

Cys Ala His Gly Val Gly Gly Trp Asp Gly Gln Tyr Phe Asp His Trp
1   5   10   15

<210> 6617
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6617
aaggacacct ccgaaaacca ggtggtccta acaatgacca acatggaacc tgcagacaca 60

gccacatact actgtgcaca cggtgttgga ggctgggatg ggcagtactt tgaccactgg 120

ggcccggga 129

<210> 6618
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6618

Lys Asp Thr Ser Glu Asn Gln Val Val Leu Thr Met Thr Asn Met Glu
1 5 10 15

Pro Ala Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Val Gly Gly Trp
20 25 30

Asp Gly Gln Tyr Phe Asp His Trp Gly Pro Gly
35 40

<210> 6619
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6619
aaggacacct ccaaaaacca ggtggtcctt acaatgaccg acatggaccc actggacaca 60

gccacatatt actgtgcaca cggtgttgga ggctgggatg gtcagtactt tgaccactgg 120

ggccaggga 129

<210> 6620
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6620

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asp Met Asp
1 5 10 15

Pro Leu Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Val Gly Gly Trp
20 25 30

Asp Gly Gln Tyr Phe Asp His Trp Gly Gln Gly

35 40

<210> 6621
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6621

Cys Thr Arg Val Tyr Asp Tyr Gly Asp Tyr Ser Val Gly Leu Asp Tyr
1 5 10 15

Trp

<210> 6622
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6622
gttgattcaa agaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc 60

gtgtattact gtactagagt gtatgactac ggtgactact cggttggttt ggactactgg 120

ggccaggga 129

<210> 6623
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6623

Val Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Val Tyr Asp Tyr Gly Asp
            20   25   30

Tyr Ser Val Gly Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6624
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6624
gatgattcaa agaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc 60

gtgtattact gtactagagt gtatgactac ggtgactact cggttggttt ggactactgg 120

ggccaggga 129

<210> 6625
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6625

Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Val Tyr Asp Tyr Gly Asp
            20   25   30

Tyr Ser Val Gly Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6626
<211> 29
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6626

Cys Ala Arg Ala Glu Gly Ser Ser Ile Thr Ile Phe Gly Val Val Thr
1   5   10   15

Arg Ala Leu Ala Gly Tyr Tyr Tyr Gly Met Asp Val Trp
            20   25

<210> 6627
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6627
tgcctgagat ctgacgacac ggccgtgtat tactgtgcga gagctgaagg ttctagtatt   60

acgatttttg gagtggttac tagggccctc gcgggctact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 6628
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6628

Cys Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Glu
1   5   10   15

Gly Ser Ser Ile Thr Ile Phe Gly Val Val Thr Arg Ala Leu Ala Gly
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly

35 40

<210> 6629
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6629
agcctgagat ctgacgacac ggccgtgtat tactgtgcga gagctgaagg ttctagtatt 60

acgatttttg gagtggttac tagggccctc gcgggctact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6630
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6630

Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Glu
1 5 10 15

Gly Ser Ser Ile Thr Ile Phe Gly Val Val Thr Arg Ala Leu Ala Gly
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6631
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6631

```
Cys Ala Arg Gly Asn Ile Ala Ala Ala Gly Thr Asn Tyr Tyr Tyr Tyr
1               5                   10                  15


Gly Met Asp Val Trp
            20
```

<210> 6632
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6632

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tgcacagcct acttggagct gagcagcctg agatctgagg acacggccgt gtattactgt       60

gcgagaggca acatagcagc agctggtaca aactactact actacggtat ggacgtctgg      120

ggccaaggg                                                              129
```

<210> 6633
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6633

```
Cys Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1               5                   10                  15


Val Tyr Tyr Cys Ala Arg Gly Asn Ile Ala Ala Ala Gly Thr Asn Tyr
            20                  25                  30


Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35                  40
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<210> 6634
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6634
agcacagcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagaggca acatagcagc agctggtaca aactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6635
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6635

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Gly Asn Ile Ala Ala Ala Gly Thr Asn Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6636
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6636

Cys Gly Arg Arg Gly Asn Phe Lys Tyr Ser Thr Pro Val Gly Asp Tyr
1 5 10 15

Trp

<210> 6637
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6637
gacaacgcca tcaactcact gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtgtattact gtgggaggag agggaatttt aagtatagca ccccggtggg ggactactgg 120

ggccaggga 129

<210> 6638
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6638

Asp Asn Ala Ile Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Gly Arg Arg Gly Asn Phe Lys Tyr
20 25 30

Ser Thr Pro Val Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 6639
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6639

gacaacgcca agaactcact gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtgtattact gtgggaggag agggaatttt aagtatagca ccccggtggg ggactactgg 120

ggccaggga 129

<210> 6640
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6640

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Gly Arg Arg Gly Asn Phe Lys Tyr
20 25 30

Ser Thr Pro Val Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 6641
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6641

Cys Ala Arg Gly Leu Tyr Gly Gly Asn Arg Glu Gly Ala Tyr Trp
1 5 10 15

<210> 6642
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6642
tccagggaca acgccaacaa ttccctgtat ctgcaaatga acagtctcag agccgaggac 60

acggccttct attactgtgc gagaggtctc tacggtggta accgggaggg tgcctactgg 120

ggccaggga 129

<210> 6643
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6643

Ser Arg Asp Asn Ala Asn Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Phe Tyr Tyr Cys Ala Arg Gly Leu Tyr Gly
20 25 30

Gly Asn Arg Glu Gly Ala Tyr Trp Gly Gln Gly
35 40

<210> 6644
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6644
tccagagaca acgccaacaa ttccctgtat ctgcaaatga acagtctcag agccgaggac 60

acggccttct attactgtgc gagaggtctc tacggtggta accgggaggg tgcctactgg 120

ggccaggga 129

<210> 6645
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6645

Cys Ala Arg Asp Ala Pro Ile Ala Ala Ser Trp Phe Asp Pro Trp
1   5   10   15

<210> 6646
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6646
accaggaact cctccataag aacagcctac atggagctga gcagcctgag atctgaggac   60

acggccgtgt attactgtgc gagggatgcc cccatagctg cgagctggtt cgacccctgg   120

ggccaggga   129

<210> 6647
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6647

Thr Arg Asn Ser Ser Ile Arg Thr Ala Tyr Met Glu Leu Ser Ser Leu
1   5   10   15

Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ala Pro Ile
            20   25   30

Ala Ala Ser Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 6648

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6648
accaggaact cctccataac aacagcctac atggagctga gcagcctgat atctgaggac 60

acggccgtgt attactgtgc gagggatgcc cccatagctg cgagctggtt cgacccctgg 120

ggccaggga 129

<210> 6649
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6649

Thr Arg Asn Ser Ser Ile Thr Thr Ala Tyr Met Glu Leu Ser Ser Leu
1 5 10 15

Ile Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ala Pro Ile
20 25 30

Ala Ala Ser Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6650
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6650

Cys Ala Thr Arg Lys Pro Glu Gly His Tyr Tyr Gly Met Asp Val Trp
1 5 10 15

<210> 6651
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6651
ttatataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgac tcgtaaacca gaaggccact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6652
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6652

Leu Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Arg Lys Pro Glu Gly
            20   25   30

His Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6653
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6653
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgac tcgtaaacca gaaggccact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6654
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6654

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Arg Lys Pro Glu Gly
20 25 30

His Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6655
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6655

Cys Ala Arg Gly Arg Gly Val Arg Gly Ala Tyr Asp Tyr Trp
1 5 10

<210> 6656
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6656

ttatctgtag acacgtccaa gaaccagttc tccctgaagc tgagctctgt gaccgccgcg 60

gacacggctg tgtattactg tgcgagaggc cgtggggttc ggggagccta tgactactgg 120

ggccaggga 129

<210> 6657
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6657

Leu Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
1 5 10 15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg Gly
20 25 30

Val Arg Gly Ala Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 6658
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6658
atatcagtag acacgtccaa gaaccagttc tccctgaagc tgagctctgt gaccgccgcg 60

gacacggctg tgtattactg tgcgagaggc cgtggggttc ggggagccta tgactactgg 120

ggccaggga 129

<210> 6659
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6659

Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
1   5   10   15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg Gly
            20   25   30

Val Arg Gly Ala Tyr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6660
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6660

Cys Ala Arg Gly Lys Gly Gly Gly Phe Thr Met Val Arg Gly Val Ile
1   5   10   15

Ile Gly Gly Tyr Asn Trp Phe Asp Pro Trp
            20   25

<210> 6661
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6661
gtgctgagca gcctgagatc tgaggacacg gccgtgtatt actgtgcgag aggcaaaggc   60

gggggattta ctatggttcg gggagttatt ataggcgggt acaactggtt cgacccctgg   120

ggccaggga   129

<210> 6662
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6662

Val Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala
1 5 10 15

Arg Gly Lys Gly Gly Gly Phe Thr Met Val Arg Gly Val Ile Ile Gly
20 25 30

Gly Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6663
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6663
gagctgagca gcctgagatc tgaggacacg gccgtgtatt actgtgcgag aggcaaaggc 60

gggggattta ctatggttcg gggagttatt ataggcgggt acaactggtt cgacccctgg 120

ggccaggga 129

<210> 6664
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6664

Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala

1 5 10 15

Arg Gly Lys Gly Gly Gly Phe Thr Met Val Arg Gly Val Ile Ile Gly
20 25 30

Gly Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6665
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6665

Cys Ala Arg Asp Ile Val Gly Val Gly Asp Pro Pro Ile Pro Phe Asp
1 5 10 15

Tyr Trp

<210> 6666
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6666
aaatccacga gcacagccta catggagctg agcagcctga gatctgagga cacggccgtg 60

tattactgtg cgagagatat cgtgggagtc ggtgacccac ccatcccgtt tgactactgg 120

ggccaggga 129

<210> 6667
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6667

Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ile Val Gly Val Gly Asp
            20   25   30

Pro Pro Ile Pro Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6668
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6668
aaatccacga gcacagccta catggagctg agcagcccga gatctgagga cacggccgtg   60

tattactgtg cgagagatat cgtgggagtc ggtgacccac ccatcccgtt tgactactgg   120

ggccaggga   129

<210> 6669
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6669

Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Pro Arg Ser Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ile Val Gly Val Gly Asp
            20   25   30

Pro Pro Ile Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6670
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6670

Cys Ala Arg Arg Gly Tyr Phe Asp Val Trp
1 5 10

<210> 6671
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6671
tgtcgagtaa ccttattagt agacacgtcc aagagccagt tctccctgaa gctgacctct 60

gtgaccgccg cggacacggc tgtgtattac tgtgcgagaa ggggctactt cgatgtctgg 120

ggccgtggc 129

<210> 6672
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6672

Cys Arg Val Thr Leu Leu Val Asp Thr Ser Lys Ser Gln Phe Ser Leu
1 5 10 15

Lys Leu Thr Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala

```
            20                  25                  30

Arg Arg Gly Tyr Phe Asp Val Trp Gly Arg Gly
        35                  40


<210>  6673
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6673
agtcgagtaa ccatattagt agacacgtcc aagagccagt tctccctgaa gctgacctct       60

gtgaccgccg cggacacggc tgtgtattac tgtgcgagaa ggggctactt cgatgtctgg      120

ggccgtggc                                                              129


<210>  6674
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6674

Ser Arg Val Thr Ile Leu Val Asp Thr Ser Lys Ser Gln Phe Ser Leu
1               5                   10                  15


Lys Leu Thr Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
            20                  25                  30


Arg Arg Gly Tyr Phe Asp Val Trp Gly Arg Gly
        35                  40


<210>  6675
<211>  17
<212>  PRT
<213>  Artificial Sequence
```

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6675

Cys Ala Arg Asp Arg Arg Pro Leu Ala Ala Ala Gly Tyr Leu Asp Tyr
1   5   10   15

Trp

<210> 6676
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6676
gacacgtcca cgagcacagt ctacatggag ctgagcagcc tgagatctga ggacacggcc   60

gtgtattact gtgcgagaga caggcgcccc ctggcagcgg ctggttatct tgactactgg   120

ggccaggga   129

<210> 6677
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6677

Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Arg Pro Leu Ala
            20   25   30

Ala Ala Gly Tyr Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6678
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6678
gacacgtcca cgagcacagt ctacatggag ctgagcagcc tgagatctga ggacacggcc 60

gtgtattact gtgcgagaga caggcgcccc ctggcagcag ctggttatct tgactactgg 120

ggccaggga 129

<210> 6679
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6679

Cys Ala Arg Asp Thr Asn Asp Phe Trp Ser Gly Tyr Ser Ile Asn Trp
1 5 10 15

Phe Asp Pro Trp
20

<210> 6680
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6680
gcgagcacag cctacatgga gctgagcagc ctgggatctg aagacacggc tgtgcattac 60

tgtgcgagag atacaaacga tttttggagt ggttattcta tcaactggtt cgacccctgg 120

ggccaggga 129

<210> 6681
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6681

Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Gly Ser Glu Asp Thr
1 5 10 15

Ala Val His Tyr Cys Ala Arg Asp Thr Asn Asp Phe Trp Ser Gly Tyr
20 25 30

Ser Ile Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6682
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6682
gcgagcacag cctacatgga gctgagcagc ctgagatctg aagacacggc tgtgtattac 60

tgtgcgagag atacaaacga tttttggagt ggttattcta tcaactggtt cgacccctgg 120

ggccaggga 129

<210> 6683
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6683

Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr

1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Asp Thr Asn Asp Phe Trp Ser Gly Tyr
20 25 30

Ser Ile Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6684
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6684

Cys Ala Arg Asp Gly Ser Leu Arg Gly Ile Ala Arg Gly Tyr Asp Tyr
1 5 10 15

Trp

<210> 6685
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6685
gacaacgcca agaactcact gtatctgcaa atgaacagcc tgagagctga ggacacggcc 60

gtgtattact gtgcgagaga tggtagtctg cgcggtatag caagaggtta tgactactgg 120

ggccaggga 129

<210> 6686
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6686

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Gly Ser Leu Arg Gly
            20   25   30

Ile Ala Arg Gly Tyr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6687
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6687
gacaacgcca agaactcact gtatctgcaa atgaacagcc tgagagccga ggacacggcc   60

gtgtattact gtgcgagaga tggtagtctg cgcggtatag caagaggtta tgactactgg   120

ggccaggga   129

<210> 6688
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6688

Cys Ala Lys Asp Ile Gly Gln Leu Val Arg Glu Gly Gly Phe Asp Tyr
1   5   10   15

Trp

<210> 6689
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6689
gacaacgcca agaactccct gtatctgcaa atgaacagtc tgagagctga ggacacggcc 60

ttgtattact gtgcaaaaga tatagggcag ctcgttcggg aaggcggctt tgactactgg 120

ggccaggga 129

<210> 6690
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6690

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

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

Arg Glu Gly Gly Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6691
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6691
gacaacgcca agaactccct gtatctgcaa atgaacactc tgagagctga ggacacggcc 60

ttctattact gtgcaaaaga tatagggcag ctcgttcggg aaggcggctt tgactactgg 120

ggccaggga 129

<210> 6692
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6692

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Thr Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Phe Tyr Tyr Cys Ala Lys Asp Ile Gly Gln Leu Val
20 25 30

Arg Glu Gly Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6693
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6693

Cys Ala Lys Val Gly Ala Gly Trp Arg Val Tyr Tyr Phe Asp Tyr Trp
1 5 10 15

<210> 6694
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6694

ttagataatc ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt attgtgcgaa agtgggggca gggtggcgcg tctactactt tgactactgg 120

ggccaggga 129

<210> 6695
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6695

Leu Asp Asn Pro Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Gly Ala Gly Trp
20 25 30

Arg Val Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6696
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6696
agagataatc ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt attgtgcgaa agtgggggca gggtggcgcg tctactactt tgactactgg 120

ggccaggga 129

<210> 6697
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6697

Arg Asp Asn Pro Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Gly Ala Gly Trp
            20   25   30

Arg Val Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6698
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6698

Cys Ala Lys Asp His Ser Ser Ser Trp Tyr Ser Ile Asp Tyr Trp
1   5   10   15

<210> 6699
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6699
tccagagata attccaagaa cacgctgtat ctgcaaatga acagcctgag aggcgaggac   60

acggccgtat attactgtgc gaaagaccat agcagcagct ggtattctat tgactactgg   120

ggccaggga   129

<210> 6700
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6700

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Gly Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp His Ser Ser
            20   25   30

Ser Trp Tyr Ser Ile Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6701
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6701
tccagagata attccaagaa cacgctgtat ctcaaaatga accgcgtgag aggcgaggac   60

acggccgtat attactgtgc gaaagaccat agcagcagct ggtattctat tgactactgg   120

ggccaggga   129

<210> 6702
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6702

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Lys Met Asn Arg Val
1   5   10   15

Arg Gly Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp His Ser Ser

20 25 30

Ser Trp Tyr Ser Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 6703
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6703

Cys Thr Thr Asp Leu Gly Ala Gly Pro Arg Pro Phe Asp Asn Trp
1 5 10 15

<210> 6704
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6704
tcaagagatg attcaagaaa catgctgttt ctggacatga acaccgtgaa aacggacgac 60

acagccgtct atcactgcac cacagatctg ggagcgggac cacgcccctt tgacaactgg 120

ggccaggga 129

<210> 6705
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6705

Ser Arg Asp Asp Ser Arg Asn Met Leu Phe Leu Asp Met Asn Thr Val
1 5 10 15

Lys Thr Asp Asp Thr Ala Val Tyr His Cys Thr Thr Asp Leu Gly Ala
            20   25   30

Gly Pro Arg Pro Phe Asp Asn Trp Gly Gln Gly
        35   40

<210> 6706
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6706
tcaagagatg attcaagaaa cacgctgttt ctggaaatga acaccgtgaa aacggacgac 60

acagccgtct attactgcac cacagatctg ggagcgggac cacgcccctt tgacaactgg 120

ggccaggga 129

<210> 6707
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6707

Ser Arg Asp Asp Ser Arg Asn Thr Leu Phe Leu Glu Met Asn Thr Val
1   5   10   15

Lys Thr Asp Asp Thr Ala Val Tyr Tyr Cys Thr Thr Asp Leu Gly Ala
            20   25   30

Gly Pro Arg Pro Phe Asp Asn Trp Gly Gln Gly
        35   40

<210> 6708
<211> 17
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6708

Cys Ser Thr His Arg Gly Val Gly Gly Ser Gly Ser Tyr Leu Asp Asp
1   5   10   15

Trp

<210> 6709
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6709
gacaattcca agaacacact ctatcttcaa atgaacagcc tgagagtcga cgacacggcc   60

gtgtattact gttcgactca tcgggggggtg ggtggtagtg gctcctacct tgacgactgg   120

ggccaggga   129

<210> 6710
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6710

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Val
1   5   10   15

Asp Asp Thr Ala Val Tyr Tyr Cys Ser Thr His Arg Gly Val Gly Gly
            20   25   30

Ser Gly Ser Tyr Leu Asp Asp Trp Gly Gln Gly

35 40

<210> 6711
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6711
gacaattcca acaacacact ctatcttcaa atgaacagcc tgagagtcga cgacacggcc 60

gtgtattact gttcgactca tcgggggggtg ggtggtagtg gctcctacct tgacgactgg 120

ggccaggga 129

<210> 6712
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6712

Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Val
1 5 10 15

Asp Asp Thr Ala Val Tyr Tyr Cys Ser Thr His Arg Gly Val Gly Gly
20 25 30

Ser Gly Ser Tyr Leu Asp Asp Trp Gly Gln Gly
35 40

<210> 6713
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6713

```
Cys Ala Lys Asp Gln Trp Ala Ala Ala Gly Phe Asp Tyr Trp
1               5                   10
```

<210> 6714
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6714

```
ttctccagag acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag       60

gacacggccg tatattactg tgcgaaagat caatgggcag cagctggatt cgactactgg      120

ggccaggga                                                              129
```

<210> 6715
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6715

```
Phe Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1               5                   10                  15


Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Gln Trp
            20                  25                  30


Ala Ala Ala Gly Phe Asp Tyr Trp Gly Gln Gly
        35                  40
```

<210> 6716
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6716
atctccagag acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaagat caatgggcag cagctggatt cgactactgg 120

ggccaggga 129

<210> 6717
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6717

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Gln Trp
20 25 30

Ala Ala Ala Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6718
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6718

Cys Ala Arg Asp Trp Gly Glu Glu Gln Trp Ser Tyr Trp
1 5 10

<210> 6719
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6719
accatgacca cagacacatc cacgagcaca gcctacatgg agctgaggag cctgagatct 60

gacgacacgg ccgtgtatta ctgtgcgaga gattgggggg aggagcagtg gtcctactgg 120

ggccaggga 129

<210> 6720
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6720

Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg
1   5   10   15

Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Trp
            20   25   30

Gly Glu Glu Gln Trp Ser Tyr Trp Gly Gln Gly
        35   40

<210> 6721
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6721
accatgacca cacacacatc cacgagcaca gcctacatgg agctgaggag cctgagatct 60

gacgacacgg ccgtgtatta ctgtgcgaga gattgggggg aggagcagtg gtcctactgg 120

ggccaggga 129

<210> 6722

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6722

Thr Met Thr Thr His Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg
1 5 10 15

Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Trp
20 25 30

Gly Glu Glu Gln Trp Ser Tyr Trp Gly Gln Gly
35 40

<210> 6723
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6723

Cys Ala Arg Glu Asp His Phe Gly Met Asp Val Trp
1 5 10

<210> 6724
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6724
ttcaccatct cctgggacaa cgccaataac tcactgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtgta ttactgtgcg agagaggacc acttcggtat ggacgtctgg 120

ggccatggg 129

<210> 6725
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6725

Phe Thr Ile Ser Trp Asp Asn Ala Asn Asn Ser Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu
20 25 30

Asp His Phe Gly Met Asp Val Trp Gly His Gly
35 40

<210> 6726
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6726
ttcaccatct ccagggacaa cgccaagaac tcactgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtgta ttactgtgcg agagaggacc acttcggtat ggacgtctgg 120

ggccatggg 129

<210> 6727
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6727

Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met

1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu
20 25 30

Asp His Phe Gly Met Asp Val Trp Gly His Gly
35 40

<210> 6728
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6728

Cys Ala Arg Asp Met Pro Tyr Gly Ser Gly Ser Tyr Tyr Val Asp Tyr
1 5 10 15

Trp

<210> 6729
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6729
gacacatcca tgagcacagc ctacacggag ctgaggagcc tgagatctga cgacacggcc 60

gtgtattact gtgcgagaga tatgccatat ggttcgggga gttattacgt tgactactgg 120

ggccaggga 129

<210> 6730
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6730

Asp Thr Ser Met Ser Thr Ala Tyr Thr Glu Leu Arg Ser Leu Arg Ser
1   5   10   15

Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Met Pro Tyr Gly Ser
            20   25   30

Gly Ser Tyr Tyr Val Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6731
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6731
gacacatcca cgagcacagc ctacatggag ctgaggagcc tgagatctga cgacacggcc   60

gtgtattact gtgcgagaga tatgccatat ggttcgggga gttattacgt tgactactgg   120

ggccaggga   129

<210> 6732
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6732

Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser
1   5   10   15

Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Met Pro Tyr Gly Ser
            20   25   30

Gly Ser Tyr Tyr Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 6733
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6733

Cys Ala Arg Gly Gly Tyr Cys Ser Gly Gly Ser Cys Tyr Ser Leu Tyr
1 5 10 15

Tyr Tyr Gly Met Asp Val Trp
20

<210> 6734
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6734
ctgtatctgc aaatgaacag tctgagagcc gaggacacgg ctgtgtatta ctgtgcaagg 60

ggtggatatt gtagtggtgg tagctgctac tccctctact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6735
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6735

Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr

1 5 10 15

Tyr Cys Ala Arg Gly Gly Tyr Cys Ser Gly Gly Ser Cys Tyr Ser Leu
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6736
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6736
ctgtatctgc aaatgaacag tctgagagcc gaggacacgg ctgtgtatta ctgtgcaaga 60

ggtggatatt gtagtggtgg tagctgctac tccctctact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6737
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6737

Cys Ala Lys Glu Asp Tyr Gly Gly Asn Ser Pro Pro Phe Asp Tyr Trp
1 5 10 15

<210> 6738
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6738

agagataatt ccgagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agaggactac ggtggtaact cccctccctt tgactactgg 120

ggccaggga 129

<210> 6739
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6739

Arg Asp Asn Ser Glu Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Asp Tyr Gly Gly
20 25 30

Asn Ser Pro Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6740
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6740
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agaggactac ggtggtaact cccctccctt tgactactgg 120

ggccaggga 129

<210> 6741
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6741

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Asp Tyr Gly Gly
            20   25   30

Asn Ser Pro Pro Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6742
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6742

Cys Ala Arg Asp Tyr Gly Trp Gly Ile Ala Ala Ala Asp Gly Val Asp
1   5   10   15

Trp Phe Asp Pro Trp
            20

<210> 6743
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6743
tgcacagcct acttggagct gaggagcctg agatctgacg acacggccgt gtattactgt   60

gcgagagatt atggttgggg tatagcagca gctgatgggg tggactggtt cgacccctgg   120

ggccaggga   129

<210> 6744
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6744

Cys Thr Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Tyr Gly Trp Gly Ile Ala Ala Ala Asp
20 25 30

Gly Val Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6745
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6745
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagatt atggttgggg tatagcagca gctgatgggg tggactggtt cgacccctgg 120

ggccaggga 129

<210> 6746
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6746

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala

1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Tyr Gly Trp Gly Ile Ala Ala Ala Asp
20 25 30

Gly Val Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6747
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6747

Cys Ala Lys Gly Phe Asp Tyr Gly Gly Asn Leu Asp Tyr Trp
1 5 10

<210> 6748
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6748
atctccatat ataattccaa gaacacagtc tctctacaaa tgaatagcct gagagccgag 60

gacacggccg catattactg tgcgaaaggg tttgactacg gtggtaacct tgattattgg 120

ggccaggga 129

<210> 6749
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6749

Ile Ser Ile Tyr Asn Ser Lys Asn Thr Val Ser Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Ala Tyr Tyr Cys Ala Lys Gly Phe Asp
            20 25 30

Tyr Gly Gly Asn Leu Asp Tyr Trp Gly Gln Gly
        35 40

<210> 6750
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6750
atctccagag ataattccaa gaacacagtc tctctacaaa tgaatagcct gagagccgag 60

gacacggccg catattactg tgcgaaaggg tttgactacg gtggtaacct tgattattgg 120

ggccaggga 129

<210> 6751
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6751

Ile Ser Arg Asp Asn Ser Lys Asn Thr Val Ser Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Ala Tyr Tyr Cys Ala Lys Gly Phe Asp
            20 25 30

Tyr Gly Gly Asn Leu Asp Tyr Trp Gly Gln Gly
        35 40

<210> 6752
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6752

Cys Ala Arg Asp Phe Ser Leu Ser Gln Trp Leu Val Arg Ser Arg Gly
1 5 10 15

Pro Asn Asp Ala Phe Asp Ile Trp
20

<210> 6753
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6753
tatctgcaaa tgaacagcct gagggacgag gacacggctg tgtattactg cgcgagagat 60

ttttcgttgt cgcagtggct ggtacgttct aggggaccaa atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6754
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6754

Tyr Leu Gln Met Asn Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Arg Asp Phe Ser Leu Ser Gln Trp Leu Val Arg Ser Arg Gly

20 25 30

Pro Asn Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6755
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6755
tatctgcaaa tgaacagcct gagagacgag gacacggctg tgtattactg tgcgagagat 60

ttttcgttgt cgcagtggct ggtacgttct aggggaccaa atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6756
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6756

Cys Ala Lys Phe Asp Gly Ser Glu Trp Tyr Phe Asp Leu Trp
1 5 10

<210> 6757
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6757
atctccatac acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaattt gatggcagcg agtggtactt cgatctctgg 120

ggccgtggc 129

<210> 6758
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6758

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Phe Asp Gly
20 25 30

Ser Glu Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 6759
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6759
atctccagag acaattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaattt gatggcagcg agtggtactt cgatctctgg 120

ggccgtggc 129

<210> 6760
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6760

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Phe Asp Gly
            20   25   30

Ser Glu Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 6761
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6761

Cys Ala Arg Ile Ser Asp Gly Ser Gly Ser Gln Ile Asp Tyr Trp
1   5   10   15

<210> 6762
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6762
ctccaaggac acctccaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacgt attactgtgc acggatatcg gatggttcgg ggagtcaaat tgactactgg 120

ggccaggga 129

<210> 6763
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6763

Leu Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ile Ser Asp Gly
20 25 30

Ser Gly Ser Gln Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 6764
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6764
tccaaggaca cctccaaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacgt attactgtgc acggatatcg gatggttcgg ggagtcaaat tgactactgg 120

ggccaggga 129

<210> 6765
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6765

Ser Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ile Ser Asp Gly
20 25 30

Ser Gly Ser Gln Ile Asp Tyr Trp Gly Gln Gly

35 40

<210> 6766
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6766

Cys Ala Arg Asp Cys Gly Asp Leu Arg Gly Ser Asn Cys Tyr Gly Asp
1 5 10 15

Ser Phe Asp Pro Trp
20

<210> 6767
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6767
aacactgtct acttggagct gaggagcctg agatctgacg acacggccgt atattactgt 60

gcaagagatt gcggggacct gcgtggttcc aactgctatg gggactcgtt cgacccctgg 120

ggccaggga 129

<210> 6768
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6768

Asn Thr Val Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Cys Gly Asp Leu Arg Gly Ser Asn Cys
            20   25   30

Tyr Gly Asp Ser Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 6769
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6769
aacacagtct acatggagct gaggagcctg agatctgacg acacggccgt atattactgt 60

gcaagagatt gcggggacct gcgtggttcc aactgctatg gggactcgtt cgacccctgg 120

ggccaggga 129

<210> 6770
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6770

Asn Thr Val Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Asp Cys Gly Asp Leu Arg Gly Ser Asn Cys
            20   25   30

Tyr Gly Asp Ser Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 6771
<211> 16
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6771

Cys Ala Lys Gly Gln Asp Arg Tyr Ser Ser Gly Trp Tyr Tyr Tyr Trp
1 5 10 15

<210> 6772
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6772
agagacaatt ccaagaacgc gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gctgtgtatt actgtgcgaa aggccaagac cggtatagca gtggctggta ctactactgg 120

ggccaggga 129

<210> 6773
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6773

Arg Asp Asn Ser Lys Asn Ala Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gln Asp Arg Tyr
20 25 30

Ser Ser Gly Trp Tyr Tyr Tyr Trp Gly Gln Gly
35 40

<210> 6774

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6774
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gctgtgtatt actgtgcgaa aggccaagac cggtatagca gtggctggta ctactactgg 120

ggccaggga 129

<210> 6775
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6775

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gln Asp Arg Tyr
20 25 30

Ser Ser Gly Trp Tyr Tyr Tyr Trp Gly Gln Gly
35 40

<210> 6776
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6776

Cys Ala His Ser Gly Ile Thr Met Val Arg Gly Val Leu Asp Tyr Trp
1 5 10 15

<210> 6777
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6777
caaggacacc tccaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cagcggtatt actatggttc ggggagtttt agactactgg 120

ggccaggga 129

<210> 6778
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6778

Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Gly Ile Thr Met
20 25 30

Val Arg Gly Val Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 6779
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6779
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cagcggtatt actatggttc ggggagtttt agactactgg 120

ggccaggga 129

<210> 6780
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6780

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Gly Ile Thr Met
20 25 30

Val Arg Gly Val Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 6781
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6781

Cys Ala Lys Asp Phe His Gly Ile Ala Ala Ala Gly Ile Asp Tyr Trp
1 5 10 15

<210> 6782
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6782

ttagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agattttcac ggtatagcag cagctggaat tgactactgg 120

ggccaggga 129

<210> 6783
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6783

Leu Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Phe His Gly Ile
20 25 30

Ala Ala Ala Gly Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 6784
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6784
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agattttcac ggtatagcag cagctggaat tgactactgg 120

ggccaggga 129

<210> 6785
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6785

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Phe His Gly Ile
            20   25   30

Ala Ala Ala Gly Ile Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6786
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6786

Cys Gly Arg Asp Ala Arg Ser Ser Gly Tyr Ser Gly Tyr Asp Met Phe
1   5   10   15

Asp Ile Trp

<210> 6787
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6787
tccatcagca cagccttcat ggaacttagc agtctgagat atgacgacac ggccgtatat   60

tactgtggga gagatgcacg gtctagtggc tacagtggat atgatatgtt tgatatctgg   120

ggccaaggg   129

<210> 6788
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6788

Ser Ile Ser Thr Ala Phe Met Glu Leu Ser Ser Leu Arg Tyr Asp Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Gly Arg Asp Ala Arg Ser Ser Gly Tyr Ser
20 25 30

Gly Tyr Asp Met Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6789
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6789
tccatcagca aagccttcat ggaacttagc agtctgagat atgacgacac ggccgtatat 60

tactgtggga gagatgcacg gtctagtggc tacagtggat atgatatgtt tgatatctgg 120

ggccaaggg 129

<210> 6790
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6790

Ser Ile Ser Lys Ala Phe Met Glu Leu Ser Ser Leu Arg Tyr Asp Asp

1 5 10 15

Thr Ala Val Tyr Tyr Cys Gly Arg Asp Ala Arg Ser Ser Gly Tyr Ser
20 25 30

Gly Tyr Asp Met Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6791
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6791

Cys Ala Arg Val Arg Ala Gly Gly Val Phe Asp Leu Trp
1 5 10

<210> 6792
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6792
accatctcct gggacaacgc caagaactca ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gtgagagccg ggggtgtttt tgatctctgg 120

ggccaaggg 129

<210> 6793
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6793

```
Thr Ile Ser Trp Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1               5                   10                  15


Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Arg
            20                  25                  30


Ala Gly Gly Val Phe Asp Leu Trp Gly Gln Gly
        35                  40


<210>  6794
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6794
accatctcca gggacaacgc caagaactca ctgtatctgc aaatgaacag cctgagagcc       60

gaggacacgg ccgtgtatta ctgtgcgaga gtgagagccg ggggtgtttt tgatctctgg      120

ggccaaggg                                                              129


<210>  6795
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6795

Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1               5                   10                  15


Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Arg
            20                  25                  30


Ala Gly Gly Val Phe Asp Leu Trp Gly Gln Gly
        35                  40
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<210> 6796
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6796

Cys Ala Lys Asp Pro Lys Thr Thr Val Ser Arg Leu Met Ser Tyr Trp
1 5 10 15

<210> 6797
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6797
ttagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agatcctaaa actacggtgt cccgcctaat gagctactgg 120

ggccaggga 129

<210> 6798
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6798

Leu Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro Lys Thr Thr
20 25 30

Val Ser Arg Leu Met Ser Tyr Trp Gly Gln Gly

35 40

<210> 6799
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6799
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agatcctaaa actacggtgt cccgcctaat gagctactgg 120

ggccaggga 129

<210> 6800
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6800

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro Lys Thr Thr
20 25 30

Val Ser Arg Leu Met Ser Tyr Trp Gly Gln Gly
35 40

<210> 6801
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6801

Cys Ala Lys Asp Leu Asp Ile Ala Val Ala Gly Ser Val Gly Phe Asp
1   5   10   15

Tyr Trp

<210> 6802
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6802
aacgccaaga actccgtgta tctgcaaatg gacagtctga gagctgagga cacggcctta 60

tattactgtg caaaagactt ggatatagca gtggctggta gtgtgggctt tgactactgg 120

ggccaggga 129

<210> 6803
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6803

Asn Ala Lys Asn Ser Val Tyr Leu Gln Met Asp Ser Leu Arg Ala Glu
1   5   10   15

Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Leu Asp Ile Ala Val Ala
            20   25   30

Gly Ser Val Gly Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6804
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6804
aacgccaaga actccgtgta tctgcaaatg aacagtctga gagctgagga cacggcctta 60

tattactgtg caaaagactt ggatatagca gtggctggta gtgtgggctt tgactactgg 120

ggccaggga 129

<210> 6805
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6805

Asn Ala Lys Asn Ser Val Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Leu Asp Ile Ala Val Ala
20 25 30

Gly Ser Val Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6806
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6806

Cys Ala Arg Asp Glu Arg Thr Met Val Arg Gly Glu Tyr Asp Tyr Trp
1 5 10 15

<210> 6807

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6807
tgggacacgt ccatcagcac agcctacatg gagctgagca ggctgagatc tgacgacacg 60

gccgtgtatt actgtgcgag agatgaacgt actatggttc ggggagaata tgactactgg 120

ggccaggga 129

<210> 6808
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6808

Trp Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu Arg
1 5 10 15

Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Glu Arg Thr Met
20 25 30

Val Arg Gly Glu Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 6809
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6809
agggacacgt ccatcagcac agcctacatg gagctgagca ggctgagatc tgacgacacg 60

gccgtgtatt actgtgcgag agatgaacgt actatggttc ggggagaata tgactactgg 120

ggccaggga 129

<210> 6810
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6810

Arg Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu Arg
1 5 10 15

Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Glu Arg Thr Met
20 25 30

Val Arg Gly Glu Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 6811
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6811

Cys Ala His Arg Lys Arg Asp Tyr Gly Asn His Leu Val Phe Asp Pro
1 5 10 15

Trp

<210> 6812
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6812
gacacctcca cagaccaggt ggtcctttcc atgaccgaca tggaccctgt ggacacaggc 60

acatattatt gtgcacacag aaaaagagat tatggaaatc acttggtgtt cgacccctgg 120

ggccaggga 129

<210> 6813
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6813

Asp Thr Ser Thr Asp Gln Val Val Leu Ser Met Thr Asp Met Asp Pro
1 5 10 15

Val Asp Thr Gly Thr Tyr Tyr Cys Ala His Arg Lys Arg Asp Tyr Gly
20 25 30

Asn His Leu Val Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6814
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6814
ggacacctcc acagaccagg tggtctttcc gtgaccgaca tggaccctgt ggacacaggc 60

tcatattatt gtgcacacag aaaaagagat tatggaaatc acttggtgtt cgacccctgg 120

ggccaggga 129

<210> 6815
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6815

Gly His Leu His Arg Pro Gly Gly Leu Ser Val Thr Asp Met Asp Pro
1 5 10 15

Val Asp Thr Gly Ser Tyr Tyr Cys Ala His Arg Lys Arg Asp Tyr Gly
20 25 30

Asn His Leu Val Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6816
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6816

Cys Ala Arg Asp Arg Pro Gly Ala Ala Ala Gly Asp Tyr Trp
1 5 10

<210> 6817
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6817
attaccgcgg acaaatccac gagcacagcc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagagat cgacccgggg cagcagctgg tgactactgg 120

ggccaggga 129

<210> 6818

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6818

Ile Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Pro
20 25 30

Gly Ala Ala Ala Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 6819
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6819
attaccgcgc acaaatccac gaccacagcc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagagat cgacccgggg cagcagctgg tgactactgg 120

ggccaggga 129

<210> 6820
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6820

Ile Thr Ala His Lys Ser Thr Thr Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Pro
            20   25   30

Gly Ala Ala Ala Gly Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6821
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6821

Cys Ala Arg Asp Glu Tyr Asp Tyr Val Trp Gly Ser Tyr Arg Pro His
1   5   10   15

Tyr Phe Asp Tyr Trp
            20

<210> 6822
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6822
tgcacagcct acttggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagacg agtatgatta cgtttggggg agttatcgtc ctcactactt tgactactgg 120

ggccaggga 129

<210> 6823
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6823

Cys Thr Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Glu Tyr Asp Tyr Val Trp Gly Ser Tyr
20 25 30

Arg Pro His Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6824
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6824
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagacg agtatgatta cgtttggggg agttatcgtc ctcactactt tgactactgg 120

ggccaggga 129

<210> 6825
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6825

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Glu Tyr Asp Tyr Val Trp Gly Ser Tyr
20 25 30

Arg Pro His Tyr Phe Asp Tyr Trp Gly Gln Gly

35 40

<210> 6826
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6826

Cys Ala Arg Ala Gly Gly Ala Trp Gly Ile Val Gly Leu Asp Tyr Trp
1 5 10 15

<210> 6827
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6827
tgggacacat ccgcgagcac agcctacatg gagctgagca gcctgagatc tgaagacacg 60

gctgtgtatt actgtgcgag agcgggcggg gcctggggta ttgtagggct ggactactgg 120

ggccaggga 129

<210> 6828
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6828

Trp Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Gly Gly Ala Trp
20 25 30

Gly Ile Val Gly Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 6829
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6829
agggacacat ccgcgagcac agcctacatg gagctgagca gcctgagatc tgaagacacg 60

gctgtgtatt actgtgcgag agcgggcggg gcctggggta ttgtagggct ggactactgg 120

ggccaggga 129

<210> 6830
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6830

Arg Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Gly Gly Ala Trp
20 25 30

Gly Ile Val Gly Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 6831
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6831

Cys Ala Lys Val His Asp Ser Ser Gly Tyr Tyr Trp Val Tyr Phe Tyr
1 5 10 15

Tyr Gly Met Asp Val Trp
20

<210> 6832
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6832
tcgatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaggtccacg atagtagtgg ttattattgg gtctacttct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6833
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6833

Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Val His Asp Ser Ser Gly Tyr Tyr Trp Val Tyr
20 25 30

Phe Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6834

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6834
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaggtccacg atagtagtgg ttattattgg gtctacttct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6835
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6835

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Val His Asp Ser Ser Gly Tyr Tyr Trp Val Tyr
20 25 30

Phe Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6836
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6836

Cys Ala Arg Gly Pro Val Asp Ser Gly Tyr Asp Trp Arg Gly Pro Gly
1 5 10 15

Ala Phe Asp Ile Trp
            20

<210> 6837
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6837
agcactgcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt   60

gcgagagggc cggttgatag tggctacgat tggaggggcc cgggcgcttt tgatatctgg   120

ggccaaggg   129

<210> 6838
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6838

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Gly Pro Val Asp Ser Gly Tyr Asp Trp Arg
            20   25   30

Gly Pro Gly Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 6839
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6839
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagggc cggttgatag tggctacgat tggaggggcc cgggcgcttt tgatatctgg 120

ggccaaggg 129

<210> 6840
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6840

Cys Ala Lys Gly Gly Gly Tyr Tyr Tyr Asp Asn Ser Gly Tyr Val Gly
1 5 10 15

Tyr Trp

<210> 6841
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6841
acttccaaga acacgctgtt tctgcaaatg agcagcctga gagtcgagga cacggccgta 60

tattactgtg cgaaggggg cgggtattac tatgataata gtggttatgt tggctactgg 120

ggccaggga 129

<210> 6842
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6842

Thr Ser Lys Asn Thr Leu Phe Leu Gln Met Ser Ser Leu Arg Val Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly Gly Tyr Tyr Tyr Asp
20 25 30

Asn Ser Gly Tyr Val Gly Tyr Trp Gly Gln Gly
35 40

<210> 6843
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6843
aattccaaga acacgctgtt tctgcaaatg agcagcctga gagtcgagga cacggccgta 60

tattactgtg cgaaaggggg cgggtattac tatgataata gtggttatgt tggctactgg 120

ggccaggga 129

<210> 6844
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6844

Asn Ser Lys Asn Thr Leu Phe Leu Gln Met Ser Ser Leu Arg Val Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly Gly Tyr Tyr Tyr Asp
20 25 30

Asn Ser Gly Tyr Val Gly Tyr Trp Gly Gln Gly

35 40

<210> 6845
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6845

Cys Thr His Asn Leu Gly Gly Trp Asp Gly Gln Tyr Ser Asp Tyr Trp
1 5 10 15

<210> 6846
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6846
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt tctgtacaca caatcttgga ggctgggatg ggcagtactc tgactactgg 120

ggccaggga 129

<210> 6847
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6847

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Phe Cys Thr His Asn Leu Gly Gly Trp
20 25 30

Asp Gly Gln Tyr Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 6848
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6848
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtagacaca 60

gccacatatt tctgtacaca caatcttgga ggctgggatg ggcagtactc tgactactgg 120

ggccaggga 129

<210> 6849
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6849

Cys Ala Arg Asp Arg Tyr Gly Ser Gly Leu Asp Tyr Trp
1 5 10

<210> 6850
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6850
accatctcca gagacaacgc caagaacacg ctgtatctgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtgtatta ctgtgcaaga gatcgttatg gttcgggcct cgactactgg 120

ggccagggg 129

<210> 6851
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6851

Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg
20 25 30

Tyr Gly Ser Gly Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 6852
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6852
accatctcca gagacaacgc caagaacacg ctgtatctgc aaatgaacag tctgagagcc 60

gaggacacgg ctgtgtatta ctgtgcaaga gatcgttatg gttcgggcct cgactactgg 120

ggccaggga 129

<210> 6853
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6853

Cys Ala Lys Asp Arg Arg Glu Gln Gln Leu Asp Leu Arg Tyr Tyr Tyr

1 5 10 15

Tyr Gly Met Asp Val Trp
20

<210> 6854
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6854
tcgatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggctgtgta ttactgtgcg 60

aaagatcgaa gggagcagca gctggacctt cggtactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6855
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6855

Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Asp Arg Arg Glu Gln Gln Leu Asp Leu Arg Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6856
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6856
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggctgtgta ttactgtgcg 60

aaagatcgaa gggagcagca gctggacctt cggtactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6857
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6857

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Lys Asp Arg Arg Glu Gln Gln Leu Asp Leu Arg Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6858
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6858

Cys Ala His Ser Ser Thr Ile Leu Tyr Tyr Phe Asp Tyr Trp
1   5   10

<210> 6859
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6859
catcaccaag gacacctcca aaaccaggtg gtccttacaa tgaccaacat ggaccctgtg 60

gacacagcca catattactg tgcacacagt tctacgatat tatattactt tgactactgg 120

ggccaggga 129

<210> 6860
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6860

His His Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn
1 5 10 15

Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Ser Thr
20 25 30

Ile Leu Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6861
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6861
atcaccaagg acacctccaa aaaccaggtg gtccttacaa tgaccaacat ggaccctgtg 60

gacacagcca catattactg tgcacacagt tctacgatat tatattactt tgactactgg 120

ggccaggga 129

<210> 6862
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6862

Ile Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn
1   5   10   15

Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Ser Thr
            20   25   30

Ile Leu Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6863
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6863

Cys Ala Arg Asp Phe Arg His Tyr Gly Asp Tyr Gly Lys Gly Val Gly
1   5   10   15

Arg Tyr Trp Phe Asp Pro Trp
            20

<210> 6864
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6864

gcctacatgg agctgagcag cctgagatct gaggacacgg ccgtgtatta ctgtgcgaga 60

gacttccgac actacggtga ctatgggaag ggggtcgggc ggtactggtt cgacccctgg 120

ggccaggga 129

<210> 6865
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6865

Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Asp Phe Arg His Tyr Gly Asp Tyr Gly Lys Gly Val
20 25 30

Gly Arg Tyr Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6866
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6866

Cys Val Arg Thr Lys Thr Met Met Pro Ser Gly Thr Tyr Phe Tyr Tyr
1 5 10 15

Trp

<210> 6867
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6867
gacatttcac tcagtaccgc ctacctgcac tggaacagcc tgcggtcctc cgacaccggc 60

atttatttct gtgtgcgaac gaagactatg atgccttcgg ggacttattt ctactactgg 120

ggccaggga 129

<210> 6868
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6868

Asp Ile Ser Leu Ser Thr Ala Tyr Leu His Trp Asn Ser Leu Arg Ser
1 5 10 15

Ser Asp Thr Gly Ile Tyr Phe Cys Val Arg Thr Lys Thr Met Met Pro
20 25 30

Ser Gly Thr Tyr Phe Tyr Tyr Trp Gly Gln Gly
35 40

<210> 6869
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6869
gacatttcac tcagtaccgc ctacctgcac tggaacaccc tgcggtcctc cgacaccggc 60

atttatttct gtgtgcgaac gaagactatg atgccttcgg ggacttattt ctactactgg 120

ggccaggga 129

<210> 6870
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6870

Asp Ile Ser Leu Ser Thr Ala Tyr Leu His Trp Asn Thr Leu Arg Ser
1   5   10   15

Ser Asp Thr Gly Ile Tyr Phe Cys Val Arg Thr Lys Thr Met Met Pro
            20   25   30

Ser Gly Thr Tyr Phe Tyr Tyr Trp Gly Gln Gly
        35   40

<210> 6871
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6871

Cys Ala Gly Val Asp Gly Asp Glu His Pro Tyr Tyr Tyr Tyr Tyr Gly
1   5   10   15

Met Asp Val Trp
            20

<210> 6872
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6872

aagaacacgc tgtatcttca aatgaacagc ctgagagccg aggacacggc cgtgtattac 60

tgcgccgggg tggacggtga cgaacacccc tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6873
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6873

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Gly Val Asp Gly Asp Glu His Pro Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6874
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6874
aacaacacgc tgtatctaca aatgaacagc ctgagagccg aggacacggc cgtgtattac 60

tgcgccgggg tggacggtga cgaacacccc tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6875
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6875

Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Gly Val Asp Gly Asp Glu His Pro Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6876
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6876

Cys Ala Arg Gly Arg Leu Arg Val Gly Tyr Tyr Tyr Gly Ser Gly Ser
1   5   10   15

Tyr Tyr Leu Ala Ser Phe Ala Tyr Trp
            20   25

<210> 6877
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6877
ttggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagaggtcgt   60

ttaagagtgg ggtattacta tggttcgggg agttattatc tggcctcctt tgcctactgg   120

ggccaggga   129

<210> 6878
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6878

Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Gly Arg Leu Arg Val Gly Tyr Tyr Tyr Gly Ser Gly Ser Tyr
20 25 30

Tyr Leu Ala Ser Phe Ala Tyr Trp Gly Gln Gly
35 40

<210> 6879
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6879
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagaggtcgt 60

ttaagagtgg ggtattacta tggttcgggg agttattatc tggcctcctt tgcctactgg 120

ggccaggga 129

<210> 6880
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6880

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys

1 5 10 15

Ala Arg Gly Arg Leu Arg Val Gly Tyr Tyr Tyr Gly Ser Gly Ser Tyr
20 25 30

Tyr Leu Ala Ser Phe Ala Tyr Trp Gly Gln Gly
35 40

<210> 6881
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6881

Cys Ala Arg Gly Pro Arg Leu Arg Gly Tyr Ser Ser Ser Ser Tyr Pro
1 5 10 15

Asn Trp Phe Asp Pro Trp
20

<210> 6882
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6882
acggcatatc tgcagatcag cagcctaaag gctgaggaca ctgccgtgta ttactgtgcg 60

agaggcccga ggcttagggg gtatagcagc tcgtcctacc ctaactggtt cgacccctgg 120

ggccgggga 129

<210> 6883
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6883

Thr Ala Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Gly Pro Arg Leu Arg Gly Tyr Ser Ser Ser Ser
            20   25   30

Tyr Pro Asn Trp Phe Asp Pro Trp Gly Arg Gly
        35   40

<210> 6884
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6884
acggcatatc tgcagatcag cagcctaaag gctgaggaca ctgccgtgta ttactgtgcg   60

agaggcccga ggcttagggg gtatagcagc tcgtcctacc ctaactggtt cgacccctgg   120

ggccaggga   129

<210> 6885
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6885

Thr Ala Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Gly Pro Arg Leu Arg Gly Tyr Ser Ser Ser Ser
            20   25   30

Tyr Pro Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 6886
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6886

Cys Ala Lys Asp Tyr Tyr Tyr Asp Ser Ser Gly Tyr Val Asp Ala Phe
1 5 10 15

Asp Ile Trp

<210> 6887
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6887
tccaagaact cgatgtatct gcaaatgaac agcctgagag ccgaggacac ggccgtatat 60

tactgtgcga aagattacta ctatgatagt agtggttacg ttgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6888
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6888

Ser Lys Asn Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp

1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Lys Asp Tyr Tyr Tyr Asp Ser Ser Gly
20 25 30

Tyr Val Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6889
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6889
tccaagaaca cgctgtatct gcaaatgaac agcctgagag ccgaggacac ggccgtatat 60

tactgtgcga aagattacta ctatgatagt agtggttacg ttgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6890
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6890

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Lys Asp Tyr Tyr Tyr Asp Ser Ser Gly
20 25 30

Tyr Val Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6891

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6891

Cys Thr Arg Thr Phe Gly Thr Pro Ala Ser Tyr Tyr Tyr Tyr Gly Met
1 5 10 15

Asp Val Trp

<210> 6892
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6892
tcaaagaaca cggcgtatct gcaaatgaac agcctgaaaa ccgaggacac ggccgtgtat 60

tactgtacta ggacgttcgg gacccctgcc tcctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6893
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6893

Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Thr Arg Thr Phe Gly Thr Pro Ala Ser Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6894
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6894
caaagaacca cggcgtatct gcaaatgaac agcctgaaaa ccgaggacac ggccgtgtat 60

tactgtacta ggacgttcgg gacccctgcc tcctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6895
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6895

Gln Arg Thr Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Thr Arg Thr Phe Gly Thr Pro Ala Ser Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6896
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6896

Cys Ala Arg Asp Leu Met Val Arg Gly Val Ser Leu Asp Ala Phe Asp
1 5 10 15

Ile Trp

<210> 6897
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6897
aaatccacgt gcacagccta catggagctg agcagcctga gatctgagga cacggccgtg 60

tattactgtg cgagagatct aatggttcgg ggagtcagtt tagatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6898
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6898

Lys Ser Thr Cys Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu Met Val Arg Gly Val
20 25 30

Ser Leu Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6899

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6899
aaatccacga gcacagccta catggagctg agcagcctga gatctgagga cacggccgtg 60

tattactgtg cgagagatct aatggttcgg ggagtcagtt tagatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6900
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6900

Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu Met Val Arg Gly Val
20 25 30

Ser Leu Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6901
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6901

Cys Ala Lys Tyr Asn Tyr Ile Trp Gly Ser Tyr Arg Tyr Lys Tyr Phe
1 5 10 15

Asp Tyr Trp

<210> 6902
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6902
tccaagaaca cgctgtatct gcaaatgaac agcctgagag ccgaggacac ggccgtatat 60

tactgtgcga aatacaatta catttggggg agttatcgct ataagtactt tgactactgg 120

ggccaggga 129

<210> 6903
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6903

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Lys Tyr Asn Tyr Ile Trp Gly Ser Tyr
20 25 30

Arg Tyr Lys Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6904
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6904
tccaagaaca cgctgtatct gcaaatgaac agcctgaaag ccgaggacac ggccgtatat 60

tactgtgcga aatacaatta catttggggg agttatcgct ataagtactt tgactactgg 120

ggccaggga 129

<210> 6905
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6905

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Lys Tyr Asn Tyr Ile Trp Gly Ser Tyr
20 25 30

Arg Tyr Lys Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6906
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6906

Cys Ala Arg Arg Thr Val Tyr Tyr Asp Ile Leu Thr Gly Ser Lys Ala
1 5 10 15

Asp Leu Asp Tyr Trp
20

<210> 6907

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6907
tgcacagcct acttggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagaagga ctgtgtatta cgatattttg actggttcga aagccgacct tgactactgg 120

ggccaggga 129

<210> 6908
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6908

Cys Thr Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Arg Thr Val Tyr Tyr Asp Ile Leu Thr Gly
20 25 30

Ser Lys Ala Asp Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 6909
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6909
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagaagga ctgtgtatta cgatattttg actggttcga aagccgacct tgactactgg 120

ggccaggga 129

<210> 6910
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6910

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Arg Thr Val Tyr Tyr Asp Ile Leu Thr Gly
20 25 30

Ser Lys Ala Asp Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 6911
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6911

Cys Ala Lys Asp Gly Ile Ala Val Ala Gly Thr Tyr Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val Trp
20

<210> 6912
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6912
aagaatacgc tgtatctgca aatgaacagc ctgagagccg aggacatggc cgtatattac 60

tgtgcgaaag atggcatagc agtggctggc acttactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6913
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6913

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Met
1 5 10 15

Ala Val Tyr Tyr Cys Ala Lys Asp Gly Ile Ala Val Ala Gly Thr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6914
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6914
aagaacacgc tgtatctgca aatgaacagc ctgagagccg aggacacggc cgtatattac 60

tgtgcgaaag atggcatagc agtggctggc acttactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6915
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6915

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Lys Asp Gly Ile Ala Val Ala Gly Thr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6916
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6916

Cys Ala Lys Asp Ser His Leu Ala Pro Arg Asp Pro Gly Ser Tyr Ala
1 5 10 15

Gly Ile Phe Asp Tyr Trp
20

<210> 6917
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6917
tcgatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagattctc atctcgcgcc ccgggatccg gggagctacg cagggatctt tgactactgg 120

ggccaggga 129

<210> 6918
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6918

Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Asp Ser His Leu Ala Pro Arg Asp Pro Gly Ser
20 25 30

Tyr Ala Gly Ile Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6919
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6919
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagattctc atctcgcgcc ccgggatccg gggagctacg cagggatctt tgactactgg 120

ggccaggga 129

<210> 6920
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6920

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Lys Asp Ser His Leu Ala Pro Arg Asp Pro Gly Ser
            20   25   30

Tyr Ala Gly Ile Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 6921
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6921

Cys Ala Arg Gly Asp Met Gly Leu Trp Phe Gly Glu Leu Arg Tyr Gly
1   5   10   15

Met Asp Val Trp
            20

<210> 6922
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6922
aagaaccagt tctccctgaa gctgagctct gtgactgccg cggacacggc cgtgtattac 60

tgtgcgagag gcgacatggg cctatggttc ggggagttac gatacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6923
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6923

Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg Gly Asp Met Gly Leu Trp Phe Gly Glu
            20   25   30

Leu Arg Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6924
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6924
aacaaccagt tctccctgac gctgagctct gtgactgccg cggacacggc cgtgtattac   60

tgtgcgagag gcgacatggg cctatggttc ggggagttac gatacggtat ggacgtctgg   120

ggccaaggg   129

<210> 6925
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6925

Asn Asn Gln Phe Ser Leu Thr Leu Ser Ser Val Thr Ala Ala Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg Gly Asp Met Gly Leu Trp Phe Gly Glu

20 25 30

Leu Arg Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6926
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6926

Cys Ala Thr Val Glu Ala Ser Gly Ser Pro Trp
1 5 10

<210> 6927
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6927
agagtcacca taaccgcgga cacgtctaca gacacagcct acatggagct gagcagcctg 60

agatctgagg acacggccgt atattactgt gcaacagtgg aggctagtgg gagcccttgg 120

ggccaggga 129

<210> 6928
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6928

Arg Val Thr Ile Thr Ala Asp Thr Ser Thr Asp Thr Ala Tyr Met Glu
1 5 10 15

Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr
            20   25   30

Val Glu Ala Ser Gly Ser Pro Trp Gly Gln Gly
        35   40

<210> 6929
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6929
agagacacca taaccgcgca cacgtcaaca gacacagcct acatggagct gagcagcctt 60

agatctgagg acacggccgt atattactgt gcaacagtgg aggctagtgg gagcccttgg 120

ggccaggga 129

<210> 6930
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6930

Arg Asp Thr Ile Thr Ala His Thr Ser Thr Asp Thr Ala Tyr Met Glu
1   5   10   15

Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr
            20   25   30

Val Glu Ala Ser Gly Ser Pro Trp Gly Gln Gly
        35   40

<210> 6931
<211> 20
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6931

Cys Ala Arg Glu Ser Leu Thr Thr Ile Ala Ala Ala Gly Glu Asn Tyr
1   5   10   15

Phe Asp Tyr Trp
            20

<210> 6932
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6932
tcgagcacag cctacatgga gctgaggagc ctgagatctg acgacacggc cgtgtattac   60

tgtgcgagag agagcctcac gacaatagca gcagctgggg aaaactactt tgactactgg   120

ggccaggga   129

<210> 6933
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6933

Ser Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg Glu Ser Leu Thr Thr Ile Ala Ala Ala
            20   25   30

Gly Glu Asn Tyr Phe Asp Tyr Trp Gly Gln Gly

35 40

<210> 6934
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6934
acgagcacag cctacatgga gctgaggagc ctgagatctg acgacacggc cgtgtattac 60

tgtgcgagag agagcctcac gacaatagca gcagctgggg aaaactactt tgactactgg 120

ggccaggga 129

<210> 6935
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6935

Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Glu Ser Leu Thr Thr Ile Ala Ala Ala
20 25 30

Gly Glu Asn Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6936
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6936

Cys Ala Arg Asp Gly Glu Tyr Ser Ser Gly Trp Thr Gly Thr Gly Ser
1   5   10   15

Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
            20   25

<210> 6937
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6937
ttggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagagacggg 60

gagtatagca gtggctggac aggaactgga tcctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6938
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6938

Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Asp Gly Glu Tyr Ser Ser Gly Trp Thr Gly Thr Gly Ser Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6939
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6939
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagagacggg 60

gagtatagca gtggctggac aggaactgga tcctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6940
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6940

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Asp Gly Glu Tyr Ser Ser Gly Trp Thr Gly Thr Gly Ser Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6941
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6941

Cys Ala Lys Asp Thr Ser Trp Ala Thr Ala Glu Thr Tyr Phe Asp Tyr
1 5 10 15

Trp

<210> 6942
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6942
gacaattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattatt gtgcgaaaga tacgtcctgg gctacagccg agacctactt tgactactgg 120

ggccaggga 129

<210> 6943
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6943

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Thr Ser Trp Ala Thr
20 25 30

Ala Glu Thr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6944
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6944

cacaattcca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattatt gtgcgaaaga tacgtcctgg gctacagccg agacctactt tgactactgg 120

ggccaggga 129

<210> 6945
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6945

His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Thr Ser Trp Ala Thr
20 25 30

Ala Glu Thr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6946
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6946

Cys Ala Arg Asp Arg Gln Glu Thr Tyr Ser Ser Ser Trp Tyr Asp Tyr
1 5 10 15

Pro Val Phe Tyr Gly Met Asp Val Trp
20 25

<210> 6947
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6947
cttcaaatga acagcctgag agccgaggac acggccgtgt attactgtgc gagagatcgt 60

caagaaacgt atagcagcag ctggtacgat tacccggttt tctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6948
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6948

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Asp Arg Gln Glu Thr Tyr Ser Ser Ser Trp Tyr Asp Tyr Pro
            20 25 30

Val Phe Tyr Gly Met Asp Val Trp Gly Gln Gly
        35 40

<210> 6949
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6949
cttaaaatga accgcctgag agccgaggac acggccgtgt attactgtgc gagagatcgt 60

caagaaacgt atagcagcag ctggtacgat tacccggttt tctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6950
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6950

Leu Lys Met Asn Arg Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Asp Arg Gln Glu Thr Tyr Ser Ser Ser Trp Tyr Asp Tyr Pro
            20   25   30

Val Phe Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6951
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6951

Cys Ala Arg Glu Val Asn Asp Asp Phe Trp Ser Gly Tyr Phe Thr Tyr
1   5   10   15

Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
            20   25

<210> 6952
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6952

ttggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagagaagtc 60

aatgacgatt tttggagtgg ttactttact tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6953
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6953

Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Glu Val Asn Asp Asp Phe Trp Ser Gly Tyr Phe Thr Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 6954
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6954
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagagaagtc 60

aatgacgatt tttggagtgg ttactttact tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 6955
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6955

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Glu Val Asn Asp Asp Phe Trp Ser Gly Tyr Phe Thr Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 6956
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6956

Cys Ala Arg Ala Lys Ala Ala Ala Asp Arg Thr Ser Ala Phe Asp Ile
1   5   10   15

Cys

<210> 6957
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6957
gacacgtcca tcagcgcagc ctacatggag ctgagcaggc tgagatctga cgacacggcc   60

gtgtattact gtgcgagggc taaagcagca gctgaccgga ctagtgcttt tgatatctgt   120

ggccaaggg   129

<210> 6958
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6958

Asp Thr Ser Ile Ser Ala Ala Tyr Met Glu Leu Ser Arg Leu Arg Ser
1 5 10 15

Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Lys Ala Ala Ala Asp
20 25 30

Arg Thr Ser Ala Phe Asp Ile Cys Gly Gln Gly
35 40

<210> 6959
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6959
gacacgtcca tcagcacagc ctacatggag ctgagcaggc tgagatctga cgacacggcc 60

gtgtattact gtgcgagggc taaagcagca gctgaccgga ctagtgcttt tgatatctgt 120

ggccaaggg 129

<210> 6960
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6960

Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu Arg Ser

1 5 10 15

Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Lys Ala Ala Ala Asp
20 25 30

Arg Thr Ser Ala Phe Asp Ile Cys Gly Gln Gly
35 40

<210> 6961
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6961

Cys Ala Lys Val Met Val Val Ala Phe His Arg Asp Ala Phe Asp Ile
1 5 10 15

Trp

<210> 6962
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6962
gacaattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaagt gatggtggta gctttccata gggatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6963
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6963

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Met Val Val Ala Phe
            20   25   30

His Arg Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 6964
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6964
cacaattcca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc   60

gtatattact gtgcgaaagt gatggtggta gctttccata gggatgcttt tgatatctgg   120

ggccaaggg   129

<210> 6965
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6965

His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Met Val Val Ala Phe
            20   25   30

His Arg Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 6966
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6966

Cys Ala Lys Asp Phe Pro Val Tyr Arg Ala Pro Arg Pro Asn Ala Phe
1   5   10   15

Asp Ile Trp

<210> 6967
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6967
tccaagaaca cgctgtatct gcagatgagc agcctgagag ccgaggacac ggccgtatat   60

tactgtgcga aagattttcc cgtttatcgc gcaccccgcc caaatgcttt tgatatctgg   120

ggccaaggg   129

<210> 6968
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6968

Ser Lys Asn Thr Leu Tyr Leu Gln Met Ser Ser Leu Arg Ala Glu Asp

1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Lys Asp Phe Pro Val Tyr Arg Ala Pro
20 25 30

Arg Pro Asn Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6969
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6969
tccaagaaca cgctgtatct gcaaatgaac agcctgagag ccgaggacac ggccgtatat 60

tactgtgcga aagattttcc cgtttatcgc gcaccccgcc caaatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6970
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6970

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Lys Asp Phe Pro Val Tyr Arg Ala Pro
20 25 30

Arg Pro Asn Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6971

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6971

Cys Thr His Val Arg Ser Pro Ser Met Gly Ala Phe Trp Ile Trp
1 5 10 15

<210> 6972
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6972
accaaggaca cctccaaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacat atttctgtac acacgtccgt tctccgagca tgggtgcttt ttggatctgg 120

ggccaaggg 129

<210> 6973
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6973

Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Phe Cys Thr His Val Arg Ser Pro
20 25 30

Ser Met Gly Ala Phe Trp Ile Trp Gly Gln Gly
35 40

<210> 6974
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6974
accaaggaca cctccaaaaa ccaggtggtc cttacaatga ccaacatgga ccctgcggac 60

acagccacat atttctgtac acacgtccgt tctccgagca tgggtgcttt ttggatctgg 120

ggccaaggg 129

<210> 6975
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6975

Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Ala Asp Thr Ala Thr Tyr Phe Cys Thr His Val Arg Ser Pro
20 25 30

Ser Met Gly Ala Phe Trp Ile Trp Gly Gln Gly
35 40

<210> 6976
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6976

Cys Ala Arg Glu Pro Ile Gln Leu Trp Leu Leu Pro Trp Ser Gly Ala

1 5 10 15

Asp Tyr Trp

<210> 6977
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6977
tccatcagca cagcctacat ggagctgagc aggctgagat ctgacgacac ggccgtgtat 60

tactgtgcga gagagccaat acagctatgg ttactcccct ggtccggagc ggactactgg 120

ggccaggga 129

<210> 6978
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6978

Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu Arg Ser Asp Asp
1 5 10 15

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

Pro Trp Ser Gly Ala Asp Tyr Trp Gly Gln Gly
35 40

<210> 6979
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6979
tccatcagca cagcctacat ggagctgagc aggctgagat ctgacgacac agccgtgtat 60

tactgtgcga gagagccaat acagctatgg ttactcccct ggtccggagc ggactactgg 120

ggccaggga 129

<210> 6980
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6980

Cys Ala Arg Thr Lys Trp Phe Gly Glu Phe Pro Phe Asp Tyr Trp
1   5   10   15

<210> 6981
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6981
ctccaagaca cctccaaaag ccaggtggtc cttaccatga ccaacatgga ccctgtggac 60

acagccacat attactgtgc acggacaaaa tggttcgggg agtttccttt tgactactgg 120

ggccaggga 129

<210> 6982
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6982

Leu Gln Asp Thr Ser Lys Ser Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Thr Lys Trp Phe
            20 25 30

Gly Glu Phe Pro Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 6983
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6983
tccaaggaca cctccaaaag ccaggtggtc cttaccatga ccaacatgga ccctgtggac 60

acagccacat attactgtgc acggacaaaa tggttcgggg agtttccttt tgactactgg 120

ggccaggga 129

<210> 6984
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6984

Ser Lys Asp Thr Ser Lys Ser Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Thr Lys Trp Phe
            20 25 30

Gly Glu Phe Pro Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 6985
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6985

Cys Ala Arg Val Leu Ser Thr Phe Gly Gly Val Gly Ala Phe Asp Ile
1 5 10 15

Trp

<210> 6986
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6986
gacgcatccg cgagcacagc ctacatggag ctgagcagcc tgagatctga agacacggct 60

gtgtattact gtgcgagagt cttgagtaca tttgggggag ttggggcttt tgatatctgg 120

ggccaaggg 129

<210> 6987
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6987

Asp Ala Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Leu Ser Thr Phe Gly

```
            20                  25                  30

Gly Val Gly Ala Phe Asp Ile Trp Gly Gln Gly
        35                  40


<210>  6988
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6988
gacacatccg cgagcacagc ctacatggag ctgagcagcc tgagatctga agacacggct       60

gtgtattact gtgcgagagt cttgagtaca tttgggggag ttggggcttt tgatatctgg      120

ggccaaggg                                                              129


<210>  6989
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  6989

Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser
1               5                   10                  15


Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Leu Ser Thr Phe Gly
            20                  25                  30


Gly Val Gly Ala Phe Asp Ile Trp Gly Gln Gly
        35                  40


<210>  6990
<211>  19
<212>  PRT
<213>  Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6990

Cys Ala Arg Asp Gly Tyr Tyr Tyr Asp Ser Ser Gly Ser Asp Ala Phe
1   5   10   15

Asp Ile Trp

<210> 6991
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6991
tccaagaact cgctgtatct tcaaatgaac agcctgagag ccgaggacac ggccgtgtat   60

tactgtgcga gagatgggta ttactatgat agtagtggct ccgatgcttt tgatatctgg   120

ggccaaggg   129

<210> 6992
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6992

Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Arg Asp Gly Tyr Tyr Tyr Asp Ser Ser
            20   25   30

Gly Ser Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 6993
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6993
tccaagaaca cgctgtatct tcaaatgaac agcctgagag ccgaggacac ggccgtgtat 60

tactgtgcga gagatgggta ttactatgat agtagtggct ccgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 6994
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6994

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Asp Gly Tyr Tyr Tyr Asp Ser Ser
20 25 30

Gly Ser Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 6995
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6995

Cys Ala Arg Gly Leu Ser Ser Trp Glu Pro Tyr Tyr Phe Asp Tyr Trp

1 5 10 15

<210> 6996
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6996
ccagacacat ccaagaacca gttctccctg cagctgaact ctgtgactcc cgaggacacg 60

gctgtgtatt actgtgcaag aggtctcagc agctgggaac cttactactt tgactactgg 120

ggccaggga 129

<210> 6997
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6997

Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser Val Thr
1 5 10 15

Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Leu Ser Ser Trp
20 25 30

Glu Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 6998
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6998

ccagacacat ccaagaacca gttctccctg cagctgaact ctgtgactcc cgaggacacg 60

gctgtgtatt actgtgcaag aggtctcagc agctgggaac cttactactt tgactactgg 120

gaccaggga 129

<210> 6999
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 6999

Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser Val Thr
1 5 10 15

Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Leu Ser Ser Trp
20 25 30

Glu Pro Tyr Tyr Phe Asp Tyr Trp Asp Gln Gly
35 40

<210> 7000
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7000

Cys Ala Ser Gln Tyr Thr Gly Tyr Asp Tyr Phe Asp Tyr Trp
1 5 10

<210> 7001
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7001
ttctccttgg acacctctgt cagcacggca tatctgcaga tcagcagcct aaaggctgag 60

gacactgccg tgtattactg tgcgagtcaa tatactggct acgattactt tgactactgg 120

ggtcaggga 129

<210> 7002
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7002

Phe Ser Leu Asp Thr Ser Val Ser Thr Ala Tyr Leu Gln Ile Ser Ser
1 5 10 15

Leu Lys Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Gln Tyr Thr
20 25 30

Gly Tyr Asp Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7003
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7003
ttctccttag acacctctgt cagcacggca tatctgcaga tcagcagcct aaaggctgag 60

gacactgccg tgtattattg tgcgagtcaa tatactggct acgattactt tgactactgg 120

ggtcaggga 129

<210> 7004
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7004

Cys Ala Arg Asp Asp Tyr Ser Asp Tyr Arg Pro Phe Asp Tyr Trp
1   5   10   15

<210> 7005
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7005
accacagaca cgtccacgac cacagcctac atggaactga agaacctgag atctgacgac   60

acggccgttt attactgtgc gagagatgac tacagtgact accgcccatt tgactactgg   120

ggccaggga   129

<210> 7006
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7006

Thr Thr Asp Thr Ser Thr Thr Thr Ala Tyr Met Glu Leu Lys Asn Leu
1   5   10   15

Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Asp Tyr Ser
            20   25   30

Asp Tyr Arg Pro Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7007

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7007
accacagaca cgcccacgac cacagcctac atggaactga agaacctgag atctgacgac 60

acggccgttt attactgtgc gagagatgac tacagtgact accgcccatt tgactactgg 120

ggccaggga 129

<210> 7008
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7008

Thr Thr Asp Thr Pro Thr Thr Thr Ala Tyr Met Glu Leu Lys Asn Leu
1 5 10 15

Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Asp Tyr Ser
20 25 30

Asp Tyr Arg Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7009
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7009

Cys Ala Ile Ser Phe Tyr Cys Thr Gly Gly Val Cys Tyr Leu Pro Arg
1 5 10 15

Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
            20   25

<210> 7010
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7010
ttggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gatctcgttc   60

tattgtactg gtggtgtatg ctatttgcct cggtactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 7011
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7011

Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Ile Ser Phe Tyr Cys Thr Gly Gly Val Cys Tyr Leu Pro Arg Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7012
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7012
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gatctcgttc 60

tattgtactg gtggtgtatg ctatttgcct cggtactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7013
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7013

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Ile Ser Phe Tyr Cys Thr Gly Gly Val Cys Tyr Leu Pro Arg Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7014
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7014

Cys Ala His Thr Pro Tyr Asp Phe Trp Ser Gly Tyr Gly Gly Phe Gly
1 5 10 15

Trp Phe Asp Pro Trp
20

<210> 7015

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7015
aaccaggtgg tccttacaat gaccaacatg gaccctgtgg acacagccac atattactgt 60

gcacacaccc cgtacgattt ttggagtggt tatggtgggt ttgggtggtt cgacccctgg 120

ggccaggga 129

<210> 7016
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7016

Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp Thr Ala
1 5 10 15

Thr Tyr Tyr Cys Ala His Thr Pro Tyr Asp Phe Trp Ser Gly Tyr Gly
20 25 30

Gly Phe Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7017
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7017
aaaccaggtg gtcctacaat gaccaacatg gaccctgtgg acacagccac atattactgt 60

gcacacaccc cgtacgattt ttggagtggt tatggtgggt ttgggtggtt cgacccctgg 120

ggccaggga 129

<210> 7018
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7018

Lys Pro Gly Gly Pro Thr Met Thr Asn Met Asp Pro Val Asp Thr Ala
1 5 10 15

Thr Tyr Tyr Cys Ala His Thr Pro Tyr Asp Phe Trp Ser Gly Tyr Gly
20 25 30

Gly Phe Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7019
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7019

Cys Ala Arg Leu Ala Ala Ala Ala Ala Gly Pro Tyr Gly Met Asp Val
1 5 10 15

Trp

<210> 7020
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7020
gacacgtcca cgagcacagt ctacatggag ctgagcagcc tgagatctga ggacacggcc 60

gtgtattact gtgcgaggct agcagcagct gctgccggac cctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7021
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7021

Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Ala Ala Ala Ala Ala
20 25 30

Gly Pro Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7022
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7022
gacacgccca cgagcactgt ctacatggag ctgagcagcc tgagatctga ggacacggcc 60

gtgtattact gtgcgaggct agcagcagct gctgccggac cctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7023
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7023

Asp Thr Pro Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Ala Ala Ala Ala Ala
            20   25   30

Gly Pro Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7024
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7024

Cys Ala Lys Trp Arg Met Val Gln Gly Val Glu Thr Asp Tyr Trp
1   5   10   15

<210> 7025
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7025
tccagagaca attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac   60

acggccgtat attactgtgc gaaatggcgt atggttcagg gagttgaaac tgactactgg   120

ggccaggga   129

<210> 7026

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7026

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Trp Arg Met Val
20 25 30

Gln Gly Val Glu Thr Asp Tyr Trp Gly Gln Gly
35 40

<210> 7027
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7027
tccagacaca attccaacaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaatggcgt atggttcagg gagttgaaac tgactactgg 120

ggccaggga 129

<210> 7028
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7028

Ser Arg His Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Trp Arg Met Val
            20   25   30

Gln Gly Val Glu Thr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7029
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7029

Cys Ala Arg Ala Pro Tyr Ser Ser Ser Phe Asp Tyr Trp
1   5   10

<210> 7030
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7030
accatatcag tagacacgtc caagaaccag ttctccctga agctgagctc tgtgaccgcc 60

gcggacacgg ctgtgtatta ctgtgcgaga gcaccctata gcagcagctt tgactactgg 120

ggccaggga 129

<210> 7031
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7031

Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser

1 5 10 15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Pro
20 25 30

Tyr Ser Ser Ser Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7032
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7032
accatatcag tagacacgcc caagaaccag ttctccctga agctgagctc tgtgaccgcc 60

gcggacacgg ctgtgtatta ctgtgcgaga gcaccctata gcagcagctt tgactactgg 120

ggccaggga 129

<210> 7033
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7033

Thr Ile Ser Val Asp Thr Pro Lys Asn Gln Phe Ser Leu Lys Leu Ser
1 5 10 15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Pro
20 25 30

Tyr Ser Ser Ser Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7034

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7034

Cys Ala Ser Gly Pro Asn Ser Gly Ser Tyr Trp Tyr Tyr Trp
1 5 10

<210> 7035
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7035
ttgaccaggg acacgtccac gagcacagtc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagcggt cctaatagtg ggagctactg gtactactgg 120

ggccaggga 129

<210> 7036
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7036

Leu Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Gly Pro Asn
20 25 30

Ser Gly Ser Tyr Trp Tyr Tyr Trp Gly Gln Gly
35 40

<210> 7037
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7037
atgaccaggg acacgtccac gagcacagtc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagcggt cctaatagtg ggagctactg gtactactgg 120

ggccaggga 129

<210> 7038
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7038

Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Gly Pro Asn
20 25 30

Ser Gly Ser Tyr Trp Tyr Tyr Trp Gly Gln Gly
35 40

<210> 7039
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7039

Cys Ala Ser Gly Glu Gln Gln Leu Val Gly Gly Asp Tyr Phe Asp Tyr

1 5 10 15

Trp

<210> 7040
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7040
gacaacgcca agaactcact gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtgtattact gtgcgagtgg ggagcagcag ttggtaggag gggactactt tgactactgg 120

ggccaggga 129

<210> 7041
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7041

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Gly Glu Gln Gln Leu Val
20 25 30

Gly Gly Asp Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7042
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7042
gacaacgcca agaactcact gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtgtattact gtgcgagtgg ggagcagcag ctggtaggag gggactactt tgactactgg 120

ggccaggga 129

<210> 7043
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7043

Cys Ala Lys Glu Gly Asp Val Tyr Tyr Asp Tyr Val Trp Gly Ser Tyr
1   5   10   15

Glu Leu Asp Tyr Trp
            20

<210> 7044
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7044
aacacgctgt atctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagagg gcgacgtgta ttatgattac gtttggggga gttatgaact tgactactgg 120

ggccaggga 129

<210> 7045
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7045

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Lys Glu Gly Asp Val Tyr Tyr Asp Tyr Val Trp
            20   25   30

Gly Ser Tyr Glu Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7046
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7046
aacacgatgt atctgcaaat caacagcctg agagccgagg acacggccgt atattactgt   60

gcgaaagagg gcgacgtgta ttatgattac gtttggggga gttatgaact tgactactgg   120

ggccaggga   129

<210> 7047
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7047

Asn Thr Met Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Lys Glu Gly Asp Val Tyr Tyr Asp Tyr Val Trp
            20   25   30

Gly Ser Tyr Glu Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 7048
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7048

Cys Ala Arg Gly Gly Gly Asn Gly Trp Arg Ser Glu Gly Tyr Tyr Tyr
1 5 10 15

Tyr Gly Met Asp Val Trp
20

<210> 7049
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7049
actgtctact tggagctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg 60

agaggtggag gtaatggctg gcgaagcgaa ggctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7050
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7050

Thr Val Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val

1 5 10 15

Tyr Tyr Cys Ala Arg Gly Gly Gly Asn Gly Trp Arg Ser Glu Gly Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7051
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7051
acagtctaca tggagctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg 60

agaggtggag gtaatggctg gcgaagcgaa ggctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7052
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7052

Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Gly Gly Gly Asn Gly Trp Arg Ser Glu Gly Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7053

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7053

Cys Ala Arg Asp Leu Lys Asp Ile Val Val Val Val Ala Ala Val His
1 5 10 15

Asp Ala Phe Asp Ile Trp
20

<210> 7054
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7054
acagcctact tggagctgag gagcctgaga tctgacgaca cggccgtgta ttactgtgcg 60

agagatctca aggatattgt agtggtggta gctgctgtcc atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7055
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7055

Thr Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Asp Leu Lys Asp Ile Val Val Val Val Ala Ala
20 25 30

Val His Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7056
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7056
acagcctaca tggagctgag gagcctgaga tctgacgaca cggccgtgta ttactgtgcg 60

agagatctca aggatattgt agtggtggta gctgctgtcc atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7057
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7057

Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Asp Leu Lys Asp Ile Val Val Val Val Ala Ala
20 25 30

Val His Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7058
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7058

Cys Ala Arg Arg Gly Ala Tyr Ser Gly Ser Phe Arg Thr Trp Ala Phe
1 5 10 15

Asp Ile Trp

<210> 7059
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7059
tccaagaacc agttctccct gaagctgagc tctgtgaccg ccgcagacac ggctgtgtat 60

tactgtgcga gacgtggcgc ttattccggt tcgttccgca catgggcttt tgatatctgg 120

ggccaaggg 129

<210> 7060
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7060

Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Arg Gly Ala Tyr Ser Gly Ser Phe
20 25 30

Arg Thr Trp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7061

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7061
tccaagaacc agttctccct gaagccgagc tctgtgaccg ccgcagacac ggctgtgtat 60

tactgtgcga gacgtggcgc ttattccggt tcgttccgca catgggcttt tgatatctgg 120

ggccaaggg 129

<210> 7062
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7062

Ser Lys Asn Gln Phe Ser Leu Lys Pro Ser Ser Val Thr Ala Ala Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Arg Gly Ala Tyr Ser Gly Ser Phe
20 25 30

Arg Thr Trp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7063
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7063

Cys Ala Arg Asp Val Tyr Tyr Gly Ser Gly Ser Tyr Tyr Trp Phe Asp
1 5 10 15

Pro Trp

<210> 7064
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7064
aaatccacga gcacagtcta catggagctg agcagcctga gatctgagga cacggccgtg 60

tattactgtg cgagagatgt gtactatggt tcggggagtt attactggtt cgacccctgg 120

ggccaggga 129

<210> 7065
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7065

Lys Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Val Tyr Tyr Gly Ser Gly
20 25 30

Ser Tyr Tyr Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7066
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7066
aaatccacga gcacagccta catggagctg agcagcctga gatctgagga cacggccgtg 60

tattactgtg cgagagatgt gtactatggt tcggggagtt attactggtt cgacccctgg 120

ggccaggga 129

<210> 7067
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7067

Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Val Tyr Tyr Gly Ser Gly
20 25 30

Ser Tyr Tyr Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7068
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7068

Cys Ala Arg Asp Leu Ala Ser Arg Gln Gln Leu Val Leu Ile Gly Tyr
1 5 10 15

Trp Asn Tyr Phe Asp Tyr Trp
20

<210> 7069

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7069
ctgtatctgc aaatgaacag tctgagagcc gaggacacgg ccttgtatta ctgtgcgaga 60

gatctagcaa gtaggcagca gctggtactg atcgggtatt ggaactactt tgactactgg 120

ggccagggg 129

<210> 7070
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7070

Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr
1 5 10 15

Tyr Cys Ala Arg Asp Leu Ala Ser Arg Gln Gln Leu Val Leu Ile Gly
20 25 30

Tyr Trp Asn Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7071
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7071
ctgtatctgc aaatgaacag tctgagagcc gaggacacgg ccttgtatta ctgtgcgaga 60

gatctagcaa gtaggcagca gctggtactg atcgggtatt ggaactactt tgactactgg 120

ggccaggga 129

<210> 7072
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7072

Cys Ala Arg Gly Trp His Ala Lys Asn Asp Ala Phe Asp Ile Trp
1 5 10 15

<210> 7073
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7073
tcagttgact cgtccaagaa ccagttctcc ctgaagctga gctctgtgac cgccgcggac 60

acggccgtgt attactgtgc gagagggtgg catgctaaaa atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7074
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7074

Ser Val Asp Ser Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val
1 5 10 15

Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Trp His Ala
20 25 30

Lys Asn Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7075
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7075
tcagtagaca cgtccaagaa ccagttctcc ctgaagctga gctctgtgac cgccgcggac 60

acggccgtgt attactgtgc gagagggtgg catgctaaaa atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7076
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7076

Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val
1 5 10 15

Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Trp His Ala
20 25 30

Lys Asn Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7077
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7077

Cys Ala Arg Asp Arg Leu Ser Trp Gly Arg Tyr Phe Asp Leu Trp
1 5 10 15

<210> 7078
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7078
tccagagaca attccaagaa cacgctgtat cttcaaatga acagcctgag agccgaggac 60

acggccgtgt attactgtgc gagagaccgg ctttcctggg gacggtactt cgatctctgg 120

ggccgtggc 129

<210> 7079
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7079

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Leu Ser
20 25 30

Trp Gly Arg Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 7080
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7080
tacagagaca attccaagaa cacgctgtat cttcaaatga acagcctgag agccgaggac 60

acggccgtgt attactgtgc gagagaccgg ctttcctggg gacggtactt cgatctctgg 120

ggccgtagc 129

<210> 7081
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7081

Tyr Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Leu Ser
            20   25   30

Trp Gly Arg Tyr Phe Asp Leu Trp Gly Arg Ser
        35   40

<210> 7082
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7082

Cys Ala Arg His Thr Leu Ala Gln Leu Trp Phe Gly Asp Tyr Gly Met
1   5   10   15

Asp Val Trp

<210> 7083
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7083
tccatcagca cagcctacat ggagctgagc gggctgagat ctgacgacac ggccgtgtat 60

tactgtgcga gacatacctt agcccaatta tggttcgggg actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7084
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7084

Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Gly Leu Arg Ser Asp Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg His Thr Leu Ala Gln Leu Trp Phe
20 25 30

Gly Asp Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7085
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7085
tccatcagca cagcctacat ggagctgagc aggctgagat ctgacgacac ggccgtgtat 60

tactgtgcga gacatacctt agcccaatta tggttcgggg actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7086
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7086

Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu Arg Ser Asp Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg His Thr Leu Ala Gln Leu Trp Phe
20 25 30

Gly Asp Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7087
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7087

Cys Ala Arg Ile Thr Trp Phe Gly Glu Leu Tyr Asn Gly Met Asp Val
1 5 10 15

Trp

<210> 7088
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7088
gacacctcca aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acgtattact gtgcacggat aacatggttc ggggagttat ataacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7089
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7089

Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1   5   10   15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ile Thr Trp Phe Gly Glu
            20   25   30

Leu Tyr Asn Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7090
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7090
ggacacctcc aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acgtattact gtgcacggat aacatggttc ggggagttat ataacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7091

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7091

Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ile Thr Trp Phe Gly Glu
20 25 30

Leu Tyr Asn Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7092
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7092

Cys Ala Arg Gly His Gln Ser Gly Tyr Asn Tyr Tyr Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val Trp
20

<210> 7093
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7093
aagaaccagt tctccctgaa gctgagcttt gtgaccgccg cggacacggc tgtgtattac 60

tgtgcgagag ggcatcaaag tggctacaac tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7094
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7094

Lys Asn Gln Phe Ser Leu Lys Leu Ser Phe Val Thr Ala Ala Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly His Gln Ser Gly Tyr Asn Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7095
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7095
aagaaccagt tctccctgaa gctgagctct gtgaccgccg cggacacggc tgtgtattac 60

tgtgcgagag ggcatcaaag tggctacaac tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7096
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7096

Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly His Gln Ser Gly Tyr Asn Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7097
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7097

Cys Ala Arg Gly Val Tyr Ser Phe Asp Phe Trp
1 5 10

<210> 7098
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7098
cgagttacca tgtcagtaga cacgtctaag aaccagttct ccctgaagtt gagctctgtg 60

actgccgcgg acgcggccgt gtattactgt gcgagagggg tctacagctt tgacttctgg 120

ggccaggga 129

<210> 7099
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7099

Arg Val Thr Met Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys
1   5   10   15

Leu Ser Ser Val Thr Ala Ala Asp Ala Ala Val Tyr Tyr Cys Ala Arg
            20   25   30

Gly Val Tyr Ser Phe Asp Phe Trp Gly Gln Gly
        35   40

<210> 7100
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7100
cgagttacca tgtcagtaga cacgtctaag aaccagttct ccctgaagct gagctctgtg   60

actgccgcgg acgcggccgt gtattactgt gcgagagggg tctacagctt cgacttctgg   120

ggccaggga   129

<210> 7101
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7101

Cys Ala His Lys Ser Leu Ser Tyr Tyr Asn Val Gly Trp Phe Asp Pro
1   5   10   15

Trp

<210> 7102
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7102
gacacctcca aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacaa gtccctaagt tattataacg tcgggtggtt cgacccctgg 120

ggccaggga 129

<210> 7103
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7103

Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1   5   10   15

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

Asn Val Gly Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 7104
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7104
gacaccccca aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacaa gtccctaagt tattataacg tcgggtggtt cgacccctgg 120

ggtcaggga 129

<210> 7105
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7105

Asp Thr Pro Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

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

Asn Val Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7106
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7106

Cys Ala His Lys Val Ser Val Val Arg Gly Val Ile Asn Tyr Trp
1 5 10 15

<210> 7107
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7107

caccaaggac acctccaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacat attactgtgc acacaaagtt tctgtggttc ggggagttat caactactgg 120

ggccaggga 129

<210> 7108
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7108

His Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Lys Val Ser Val
20 25 30

Val Arg Gly Val Ile Asn Tyr Trp Gly Gln Gly
35 40

<210> 7109
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7109
accaaggaca cctccaaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacat attactgtgc acacaaagtt tctgtggttc ggggagttat caactactgg 120

ggccaggga 129

<210> 7110
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7110

Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met
1   5   10   15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Lys Val Ser Val
            20   25   30

Val Arg Gly Val Ile Asn Tyr Trp Gly Gln Gly
        35   40

<210> 7111
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7111

Cys Ala Arg Gly Ser Ser Ser Ser Gly His His Tyr Trp
1   5   10

<210> 7112
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7112
tacatatcag tagacacgtc caagaaccag ttctccctga agctgagctc tgtgaccgcc   60

gcggacacgg ctgtgtatta ctgtgcgaga ggctcatcaa gcagtggcca tcattactgg   120

ggccaggga   129

<210> 7113
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7113

Tyr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser
1 5 10 15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Ser
20 25 30

Ser Ser Ser Gly His His Tyr Trp Gly Gln Gly
35 40

<210> 7114
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7114
accatatcag tagacacgtc caagaaccag ttctccctga agctgagctc tgtgaccgcc 60

gcggacacgg ctgtgtatta ctgtgcgaga ggctcatcaa gcagtggcca tcattactgg 120

ggccaggga 129

<210> 7115
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7115

Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser
1 5 10 15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Ser

20 25 30

Ser Ser Ser Gly His His Tyr Trp Gly Gln Gly
35 40

<210> 7116
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7116

Cys Ala Ser Glu Gly Gly Thr Ile Cys Ser Ser Thr Ser Cys Pro Leu
1 5 10 15

Gly Tyr Tyr Gly Met Asp Val Trp
20

<210> 7117
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7117
tatctgcaaa tgaacagcct gagagccgag gacacggccg tatattactg tgcctccgag 60

gggggggacta tttgtagtag taccagctgc cccctcggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7118
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7118

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Ser Glu Gly Gly Thr Ile Cys Ser Ser Thr Ser Cys Pro Leu
            20 25 30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35 40

<210> 7119
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7119
tatatgcaaa tcaacagcct gagagccgag gacacggccg tatattactg tgcctccgag 60

gggggggacta tttgtagtag taccagctgc cccctcggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7120
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7120

Tyr Met Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Ser Glu Gly Gly Thr Ile Cys Ser Ser Thr Ser Cys Pro Leu
            20 25 30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35 40

<210> 7121
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7121

Cys Ala Lys Asp Arg Gly His Leu Pro Asn Asp Gly Ser Asp Tyr Trp
1 5 10 15

<210> 7122
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7122
agagacaaca cccagaactc cctctttctg caaatgaaca gtctgagagc ggaagacacg 60

gccttctatt attgtgcgaa agacaggggg cacttaccaa acgacgggtc tgactactgg 120

ggccaggga 129

<210> 7123
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7123

Arg Asp Asn Thr Gln Asn Ser Leu Phe Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Phe Tyr Tyr Cys Ala Lys Asp Arg Gly His Leu
20 25 30

Pro Asn Asp Gly Ser Asp Tyr Trp Gly Gln Gly

35 40

<210> 7124
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7124
agagacaaca cccagaactc cctctttctg caaatgaaca gtctgagagc ggaagacacg 60

gcctcctatt attgtgcgaa agacaggggg cacttaccaa acgacgggtc tgactactgg 120

ggccaggga 129

<210> 7125
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7125

Arg Asp Asn Thr Gln Asn Ser Leu Phe Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Ser Tyr Tyr Cys Ala Lys Asp Arg Gly His Leu
20 25 30

Pro Asn Asp Gly Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 7126
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7126

Cys Ala Arg Asp Gln Gly Gly Ala Gly Pro Thr Thr Val Asp Tyr Trp
1 5 10 15

<210> 7127
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7127
cgagacaacg ccaagaacac gctgtatctg gaaatgaaca gtctgggagc cgaggacacg 60

gctgtgtatt actgtgcaag agatcagggg ggagcgggac ctacaaccgt agactactgg 120

ggccaggga 129

<210> 7128
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7128

Arg Asp Asn Ala Lys Asn Thr Leu Tyr Leu Glu Met Asn Ser Leu Gly
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Gln Gly Gly Ala
20 25 30

Gly Pro Thr Thr Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 7129
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7129
cgagacaacg ccaagaacac gctgtatctg caaatgaaca gtctgggagc cgaggacacg 60

gctgtgtatt actgtgcaag agatcagggg ggagcgggac ctacaaccgt agactactgg 120

ggccaggga 129

<210> 7130
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7130

Arg Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Gly
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Gln Gly Gly Ala
20 25 30

Gly Pro Thr Thr Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 7131
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7131

Cys Ala His Ser Thr Pro Asp Tyr Phe Asp Tyr Trp
1 5 10

<210> 7132
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7132
ctcaccatca ccaaggacac ctccaaaaac cagttggtcc ttacaatgac caacatggac 60

cctgtggaca caggcacgta ttactgtgca cacagtaccc cggactactt tgactactgg 120

ggccaggga 129

<210> 7133
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7133

Leu Thr Ile Thr Lys Asp Thr Ser Lys Asn Gln Leu Val Leu Thr Met
1   5   10   15

Thr Asn Met Asp Pro Val Asp Thr Gly Thr Tyr Tyr Cys Ala His Ser
            20   25   30

Thr Pro Asp Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7134
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7134
ctcaccatca ccaaggacac ctccaaaaac cagttggtcc ttacaatgac caacatggac 60

cctgtggaca caggcacata ttactgtgca cacagtaccc cggactactt tgactactgg 120

ggccaggga 129

<210> 7135

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7135

Cys Ala Lys Leu Lys Ala Phe Asp Met Trp
1 5 10

<210> 7136
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7136
ggccggttca ccatctcaag agacaattcc aagaacacgg tgtatctgca aatgaacagc 60

ctgagagccg aggacacggc cgtatattac tgtgcgaaac tgaaggcttt tgatatgtgg 120

ggccaaggg 129

<210> 7137
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7137

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

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
20 25 30

Lys Leu Lys Ala Phe Asp Met Trp Gly Gln Gly
35 40

<210> 7138
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7138
ggccggttca ccatctcaag acacaattcc aagaacacgg tgtatctgca aatgaacagc 60

ctgagagccg aggacacggc cgtatattac tgtgcgaaac tgaaggcttt tgatatgtgg 120

ggccaaggg 129

<210> 7139
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7139

Gly Arg Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Val Tyr Leu
1 5 10 15

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
20 25 30

Lys Leu Lys Ala Phe Asp Met Trp Gly Gln Gly
35 40

<210> 7140
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7140

Cys Ala Lys Asp Gly Gly Ser Gly Thr Arg Val Tyr Tyr Tyr Gly Ser

1 5 10 15

Gly Ser Tyr Phe Ile Asp Tyr Trp
20

<210> 7141
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7141
tatctgcaaa tgaacagcct gagagccgag gacacggccg tatattactg tgcgaaagat 60

ggtggaagtg gaacgagggt gtattactat ggttcgggga gttattttat tgactactgg 120

ggccaggga 129

<210> 7142
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7142

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Lys Asp Gly Gly Ser Gly Thr Arg Val Tyr Tyr Tyr Gly Ser
20 25 30

Gly Ser Tyr Phe Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 7143
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7143
tatatgaaaa tgaacagcct gagagccgag gacacggccg tatattactg tgcgaaagat 60

ggtggaagtg gaacgagggt gtattactat ggttcgggga gttattttat tgactactgg 120

ggccaggga 129

<210> 7144
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7144

Tyr Met Lys Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1   5   10   15

Cys Ala Lys Asp Gly Gly Ser Gly Thr Arg Val Tyr Tyr Tyr Gly Ser
            20   25   30

Gly Ser Tyr Phe Ile Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7145
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7145

Cys Ala Arg Gly Trp Ala Pro Asp Tyr Trp
1   5   10

<210> 7146
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7146
tgtcgagtca ccatatcgat ggacacgtcc aagaaccaat tctccctgaa cctgaattct 60

gtgaccgccg cggacacggc tgtatattac tgtgcgagag gttgggcacc tgactactgg 120

ggccaggga 129

<210> 7147
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7147

Cys Arg Val Thr Ile Ser Met Asp Thr Ser Lys Asn Gln Phe Ser Leu
1 5 10 15

Asn Leu Asn Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
20 25 30

Arg Gly Trp Ala Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 7148
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7148
agtcgagtca ccatatcgat ggacacgtcc aagaaccaat tctccctgaa cctgaattct 60

gtgaccgccg cggacacggc tgtatattac tgtgcgagag gttgggcacc tgactactgg 120

ggccaggga 129

<210> 7149
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7149

Ser Arg Val Thr Ile Ser Met Asp Thr Ser Lys Asn Gln Phe Ser Leu
1   5   10   15

Asn Leu Asn Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
            20   25   30

Arg Gly Trp Ala Pro Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7150
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7150

Cys Ala Arg Val Gly Gly Ile Ala Ala Ala Gly Asn Ile Leu Leu Ser
1   5   10   15

Tyr Gly Met Asp Val Trp
            20

<210> 7151
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7151

actgcctact tggagctgag gagcctgaga tctgacgaca cggccgtgta ttactgtgcg 60

agagttggag gtatagcagc agctggtaac atcttgctgt cctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7152
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7152

Thr Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Val Gly Gly Ile Ala Ala Ala Gly Asn Ile Leu
20 25 30

Leu Ser Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7153
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7153
acagcctaca tggagctgag gagcctgaga tctgacgaca cggccgtgta ttactgtgcg 60

agagttggag gtatagcagc agctggtaac atcttgctgt cctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7154
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7154

Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Val Gly Gly Ile Ala Ala Ala Gly Asn Ile Leu
            20   25   30

Leu Ser Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7155
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7155

Cys Ala Lys Asp Thr Ser Ser Gly Trp Tyr Gly Pro Leu Ser Tyr Trp
1   5   10   15

<210> 7156
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7156
agagacaacg ccaagaactc cctgtatctg caaatgaaca gtctgagagc tgatgacact   60

gccttgtatt actgtgcaaa agacactagc agtggctggt acggcccccc ttcctactgg   120

ggccaggga   129

<210> 7157
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7157

Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Asp Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Thr Ser Ser Gly
20 25 30

Trp Tyr Gly Pro Leu Ser Tyr Trp Gly Gln Gly
35 40

<210> 7158
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7158
agagacaacg ccaagaactc cctgtatctg caaatgaaca gtctgagagc tgaggacacg 60

gccttgtatt actgtgcaaa agacactagc agtggctggt acggcccccc ttcctactgg 120

ggccaggga 129

<210> 7159
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7159

Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Thr Ser Ser Gly

```
            20                  25                  30

Trp Tyr Gly Pro Leu Ser Tyr Trp Gly Gln Gly
        35                  40


<210>  7160
<211>  24
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  7160

Cys Ala Arg Gly Arg Gly Ser Val Val Val Pro Ala Asp Thr Thr Ser
1               5                   10                  15


Thr Tyr Tyr Gly Met Asp Val Trp
            20


<210>  7161
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  7161
tccctgaagc tgggctctgt gaccgccgcg gacacggctg tgtattactg tgcgagaggc       60

cgggggagtg tagtagtacc agctgacacc acatctactt actacggtat ggacgtctgg      120

ggccaaggg                                                              129


<210>  7162
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  7162
```

Ser Leu Lys Leu Gly Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Arg Gly Arg Gly Ser Val Val Val Pro Ala Asp Thr Thr Ser
            20 25 30

Thr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35 40

<210> 7163
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7163
tccctgaagc tgagctctgt gaccgccgcg gacacggctg tgtattactg tgcgagaggc 60

cgggggagtg tagtagtacc agctgacacc acatctactt actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7164
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7164

Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Arg Gly Arg Gly Ser Val Val Val Pro Ala Asp Thr Thr Ser
            20 25 30

Thr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35 40

<210> 7165
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7165

Cys Ala Thr Asp Leu Asp Gly Asp Tyr Lys Phe Asp Tyr Trp
1   5   10

<210> 7166
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7166
ttatcggtag acacgtccac gaaccagttc tccctgaaga tgagctctct gaccgccgcg   60

gacacggccg tgtatcactg cgcgacagat ctggacggtg actacaaatt tgactactgg   120

ggccaggga   129

<210> 7167
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7167

Leu Ser Val Asp Thr Ser Thr Asn Gln Phe Ser Leu Lys Met Ser Ser
1   5   10   15

Leu Thr Ala Ala Asp Thr Ala Val Tyr His Cys Ala Thr Asp Leu Asp
            20   25   30

Gly Asp Tyr Lys Phe Asp Tyr Trp Gly Gln Gly

35 40

<210> 7168
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7168
atatcggtag acacgtccaa gaaccagttc tccctgaaga tgagctctct gaccgccgcg 60

gacacggccg tgtatcactg cgcgacagat ctggacggtg actacaaatt tgactactgg 120

ggccaggga 129

<210> 7169
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7169

Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Met Ser Ser
1 5 10 15

Leu Thr Ala Ala Asp Thr Ala Val Tyr His Cys Ala Thr Asp Leu Asp
20 25 30

Gly Asp Tyr Lys Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7170
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7170

Cys Ala Arg Asp Asp Glu Gly Gln His Tyr Phe Asp Tyr Trp
1 5 10

<210> 7171
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7171
atctccaggg acaacgccaa gaactcactg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tgtattactg tgcgagagat gatgagggtc agcactactt tgactactgg 120

ggccaggga 129

<210> 7172
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7172

Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Asp Glu
            20 25 30

Gly Gln His Tyr Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 7173
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7173
atctccaggc acaaccccaa gaactcactg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tgtattactg tgcgagagat gatgagggtc agcactactt tgactactgg 120

ggccaggga 129

<210> 7174
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7174

Ile Ser Arg His Asn Pro Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Asp Glu
20 25 30

Gly Gln His Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7175
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7175

Cys Ala Arg Ser Gly Val Ile Gly Lys Tyr Asp Ser Ser Pro Asn Asp
1 5 10 15

Ala Phe Asp Ile Trp
20

<210> 7176

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7176
aacacgctgt atcttcaaat gaacagcctg agagccgagg acacggccgt gtattactgt 60

gcgagatcag gggtaatagg gaagtatgat agtagcccaa atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7177
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7177

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Ser Gly Val Ile Gly Lys Tyr Asp Ser Ser
20 25 30

Pro Asn Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7178
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7178
aacacgctgt atattcaaat gaacagcctg agagccgagg acacggccgt gtattactgt 60

gcgagatcag gtgtaatagg gaagtatgat agtagcccaa atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7179
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7179

Asn Thr Leu Tyr Ile Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Ser Gly Val Ile Gly Lys Tyr Asp Ser Ser
20 25 30

Pro Asn Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7180
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7180

Cys Ala His Thr Thr Asn Gly Ile Leu Thr Gly Tyr Tyr Pro Asp Tyr
1 5 10 15

Tyr Tyr Tyr Gly Met Asp Val Trp
20

<210> 7181
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7181
gtccttacaa tgaccagcat ggaccctgtg gacacagcca catattactg tgcacacacc 60

actaacggta ttttgactgg ttattatccg gactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7182
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7182

Val Leu Thr Met Thr Ser Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr
1 5 10 15

Cys Ala His Thr Thr Asn Gly Ile Leu Thr Gly Tyr Tyr Pro Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7183
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7183
gtccttacaa tgaccaacat ggaccctgtg gacacagcca catattactg tgcacacacc 60

actaacggta ttttgactgg ttattatccg gactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7184
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7184

Val Leu Thr Met Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr
1 5 10 15

Cys Ala His Thr Thr Asn Gly Ile Leu Thr Gly Tyr Tyr Pro Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7185
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7185

Cys Val Arg Glu Asp Leu Asn Thr Pro Ser Phe Asp Leu Trp
1 5 10

<210> 7186
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7186
ttctccaggg acgacgccaa gaactctctg tatcttcaaa tcaatagcct gagagccgag 60

gacacggccg tgtatttttg tgtcagagag gacctcaaca cgccaagctt tgacctctgg 120

ggccaggga 129

<210> 7187

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7187

Phe Ser Arg Asp Asp Ala Lys Asn Ser Leu Tyr Leu Gln Ile Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Phe Cys Val Arg Glu Asp Leu
20 25 30

Asn Thr Pro Ser Phe Asp Leu Trp Gly Gln Gly
35 40

<210> 7188
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7188
atctccaggg acgacgccaa gaactctctg tatcttcaaa tcaatagcct gagagccgag 60

gacacggccg tgtatttttg tgtcagagag gacctcaaca cgccaagctt tgacctctgg 120

ggccaggga 129

<210> 7189
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7189

Ile Ser Arg Asp Asp Ala Lys Asn Ser Leu Tyr Leu Gln Ile Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Phe Cys Val Arg Glu Asp Leu
            20   25   30

Asn Thr Pro Ser Phe Asp Leu Trp Gly Gln Gly
        35   40

<210> 7190
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7190

Cys Ala Arg Asp Arg Arg Asp Tyr Gly Leu His Phe Asp Tyr Trp
1   5   10   15

<210> 7191
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7191
accgcggaca aatccacgag cacagcctac atggagctga gcagcctgag atctgaggac   60

acggccgtgt attactgtgc gagagatcgg cgagactacg gtctccactt tgactactgg   120

ggccaggga   129

<210> 7192
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7192

Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu

1 5 10 15

Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Arg Asp
20 25 30

Tyr Gly Leu His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7193
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7193
accgcgcaca aatccacgag cacagcctac atggagctga gcagcctgat atctgaggac 60

acggccgtgt attactgtgc gagagatcgg cgagactacg gtctccactt tgactactgg 120

ggccaggga 129

<210> 7194
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7194

Thr Ala His Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu
1 5 10 15

Ile Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Arg Asp
20 25 30

Tyr Gly Leu His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7195

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7195

Cys Ala Lys Asp Gly Ala Ser Gly Trp Pro Asn Trp His Phe Asp Leu
1 5 10 15

Trp

<210> 7196
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7196
tataattcca acaacacgct gtatctgcaa atgaacagcc tgagagtcga ggacacggcc 60

gtatattact gtgcgaaaga tggcgccagt ggctggccca actggcattt cgatctctgg 120

ggccgtgga 129

<210> 7197
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7197

Tyr Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Val
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Gly Ala Ser Gly Trp
20 25 30

Pro Asn Trp His Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 7198
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7198
gataattcca agaacacgct gtatctgcaa atgaacagcc tgagagtcga ggacacggcc 60

gtatattact gtgcgaaaga tggcgccagt ggctggccca actggcattt cgatctctgg 120

ggccgtgga 129

<210> 7199
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7199

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Val
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Gly Ala Ser Gly Trp
20 25 30

Pro Asn Trp His Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 7200
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7200

Cys Ala Arg Tyr Ser Ser Ser Trp Tyr Glu Glu Gly Gly Tyr Tyr Gly
1 5 10 15

Met Asp Val Trp
20

<210> 7201
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7201
aagaactcac tgtatctgca agtgaacagc ctgagagacg aggacacggc tgtgtattac 60

tgtgcgaggt atagcagcag ctggtacgag gaggggggat actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7202
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7202

Lys Asn Ser Leu Tyr Leu Gln Val Asn Ser Leu Arg Asp Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Tyr Ser Ser Ser Trp Tyr Glu Glu Gly
20 25 30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7203

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7203
aagaactcac tgtatctgca aatgaacagc ctgagagacg aggacacggc tgtgtattac 60

tgtgcgaggt atagcagcag ctggtacgag gaggggggat actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7204
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7204

Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Asp Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Tyr Ser Ser Ser Trp Tyr Glu Glu Gly
20 25 30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7205
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7205

Cys Ala Lys Asp Arg Leu Gln Ser Ser Asp Tyr Trp
1 5 10

<210> 7206
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7206
ttcaccatct ccagagacaa ttccaagaat actctgtatc tgcaaatgaa caacctgaga 60

gccgacgaca cggccatata ttactgtgcg aaagatcgcc tacagtcctc agactactgg 120

ggccaggga 129

<210> 7207
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7207

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Asn Leu Arg Ala Asp Asp Thr Ala Ile Tyr Tyr Cys Ala Lys Asp
20 25 30

Arg Leu Gln Ser Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 7208
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7208
ttcaccatct ccagagacaa ttccaagaac actctgtatc tgcaaatgaa caacctgaga 60

gccgacgaca cggccatata ttactgtgcg aaagatcgcc tacagtcctc agactactgg 120

ggccaggga 129

<210> 7209
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7209

Cys Ala Arg Ser Gly Asn Asp Tyr Gly Ser Gly Gly Val Leu Asp Tyr
1 5 10 15

Trp

<210> 7210
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7210
gacaagtcca tcagcaccgc ctacctgcag tggagcagcc tgaaggcctc ggacaccgcc 60

atgtattact gtgcgagatc ggggaacgac tatggttcgg ggggagtgct tgactactgg 120

ggccaggga 129

<210> 7211
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7211

Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala

1 5 10 15

Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Ser Gly Asn Asp Tyr Gly
20 25 30

Ser Gly Gly Val Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 7212
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7212
gacaagtcca tcaccaccgc ctacttgcag tggagcagcc tgaaggcctc ggacaccgcc 60

atgtattact gtgcgagatc ggggaacgac tatggttcgg ggggagtgct tgactactgg 120

ggccaggga 129

<210> 7213
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7213

Asp Lys Ser Ile Thr Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala
1 5 10 15

Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Ser Gly Asn Asp Tyr Gly
20 25 30

Ser Gly Gly Val Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 7214

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7214

Cys Ala Arg Gly Gly Glu Val Gly Asn Trp Phe Asp Pro Trp
1 5 10

<210> 7215
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7215
atgaccacag acacatccac gagcacagcc tacatggagc tgaggagcct gagatctgac 60

gacacggccg tgtattactg tgcgagaggg ggggaggtgg gtaactggtt cgacccctgg 120

ggccaggga 129

<210> 7216
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7216

Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser
1 5 10 15

Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Glu
20 25 30

Val Gly Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7217
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7217
atgaccacac acacatccac gagcacagcc tacatggagc tgaggagcct gagatctgac 60

gacacggccg tgtattactg tgcgagaggg ggggaggtgg gtaactggtt cgacccctgg 120

ggccaggga 129

<210> 7218
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7218

Met Thr Thr His Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser
1 5 10 15

Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Glu
20 25 30

Val Gly Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7219
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7219

Cys Ala Arg Ser Gly Asn Asp Tyr Gly Ser Gly Gly Val Leu Asp Tyr

1 5 10 15

Arg

<210> 7220
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7220
gacaagtcca tcagcaccgc ctacctgcag tggagcagcc tgaaggcctc ggacaccgcc 60

atgtattact gtgcgagatc ggggaacgac tatggttcgg ggggagtgct tgactaccgg 120

ggccaggga 129

<210> 7221
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7221

Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala
1 5 10 15

Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Ser Gly Asn Asp Tyr Gly
20 25 30

Ser Gly Gly Val Leu Asp Tyr Arg Gly Gln Gly
35 40

<210> 7222
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7222
gacaagtcca tcaccaccgc ctacttgcag tggagcagcc tgaaggcctc ggacaccgcc 60

atgtattact gtgcgagatc ggggaacgac tatggttcgg ggggagtgct tgactaccgg 120

ggccaggga 129

<210> 7223
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7223

Asp Lys Ser Ile Thr Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala
1   5   10   15

Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Ser Gly Asn Asp Tyr Gly
            20   25   30

Ser Gly Gly Val Leu Asp Tyr Arg Gly Gln Gly
        35   40

<210> 7224
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7224

Cys Val Lys Val Gly Ser Gly Gly Tyr Asn Ala Asn Trp
1   5   10

<210> 7225
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7225
tacatctcaa gagatgattc agagaactca ctgtatctgc aaatgagcag cctgaagacc 60

gaggacacgg ccgtgtatta ttgtgttaaa gtagggtcgg gcggctacaa tgcgaactgg 120

ggccaggga 129

<210> 7226
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7226

Tyr Ile Ser Arg Asp Asp Ser Glu Asn Ser Leu Tyr Leu Gln Met Ser
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Val Lys Val Gly
20 25 30

Ser Gly Gly Tyr Asn Ala Asn Trp Gly Gln Gly
35 40

<210> 7227
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7227
accatctcaa gagatgattc agagaactca ctgtatctgc aaatgagcag cctgaagacc 60

gaggacacgg ccgtgtatta ttgtgttaaa gtagggtcgg gcggctacaa tgcgaactgg 120

ggccaggga 129

<210> 7228
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7228

Thr Ile Ser Arg Asp Asp Ser Glu Asn Ser Leu Tyr Leu Gln Met Ser
1   5   10   15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Val Lys Val Gly
            20   25   30

Ser Gly Gly Tyr Asn Ala Asn Trp Gly Gln Gly
        35   40

<210> 7229
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7229

Cys Ala Arg Gly Gly Cys Ser Gly Gly Ser Cys Tyr Arg Asp Ala Phe
1   5   10   15

Asp Ile Trp

<210> 7230
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7230

tccaagaact cgctgtatct tcaaatgaac agcctgagag ccgaggacac ggccgtgtat 60

tactgtgcga gaggtggttg tagtggtggt agctgctacc gagatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7231
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7231

Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Cys Ser Gly Gly Ser Cys
20 25 30

Tyr Arg Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7232
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7232
tccaagaaca cgctgtatct tcaaatgaac agcctgagag ccgaggacac ggccgtgtat 60

tactgtgcga gaggtggttg tagtggtggt agctgctacc gagatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7233
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7233

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Cys Ser Gly Gly Ser Cys
            20   25   30

Tyr Arg Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 7234
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7234

Cys Ala Arg Val Val Val Pro Ala Thr Pro Asp Ser Tyr Phe Asp Tyr
1   5   10   15

Trp

<210> 7235
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7235
gacacgtcca tcagcacagc ctacatggag ctgagcaggc tgagatctga cgacacggcc   60

gtgtattact gtgcgagagt ggtagtacca gcgacgccgg actcgtactt tgactactgg   120

ggccaggga   129

<210> 7236
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7236

Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu Arg Ser
1 5 10 15

Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Val Val Pro Ala Thr
20 25 30

Pro Asp Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7237
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7237
gacacgtcca tcagcacagc ctacatggag ctaagcaggc tgagatctga cgacacggcc 60

gtgtattact gtgcgagagt ggtagtacca gcgacgccgg actcgtactt tgactactgg 120

ggccaggga 129

<210> 7238
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7238

Cys Ala Arg Asp Asp Gln Asp Ile Val Ala Thr Thr Gly Ile Pro Arg

1 5 10 15

Gly Met Asp Val Trp
20

<210> 7239
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7239
tgcacagcct acttggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagacg accaagatat agtggctacg accgggatcc cacggggtat ggacgtctgg 120

ggccaaggg 129

<210> 7240
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7240

Cys Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Asp Gln Asp Ile Val Ala Thr Thr Gly
20 25 30

Ile Pro Arg Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7241
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7241
agcacagcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagacg accaagatat agtggctacg accgggatcc cacggggtat ggacgtctgg 120

ggccaaggg 129

<210> 7242
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7242

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Asp Gln Asp Ile Val Ala Thr Thr Gly
            20 25 30

Ile Pro Arg Gly Met Asp Val Trp Gly Gln Gly
        35 40

<210> 7243
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7243

Cys Ala Arg Gly Gly Ala Gly Ala Val Thr Gln Asp Tyr Trp
1 5 10

<210> 7244
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7244
attaccgcgg acaaatccac gagcacagcc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagaggg ggtgcggggg cggtgactca ggactactgg 120

ggccaggga 129

<210> 7245
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7245

Ile Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Ala
20 25 30

Gly Ala Val Thr Gln Asp Tyr Trp Gly Gln Gly
35 40

<210> 7246
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7246
attaccgcgc acaaatccac gagcacagcc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagaggg ggtgcggggg cggtgactca ggactactgg 120

ggccaggga 129

<210> 7247
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7247

Ile Thr Ala His Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser
1   5   10   15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Ala
            20   25   30

Gly Ala Val Thr Gln Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7248
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7248

Cys Ala Arg Gly Gly Pro His Tyr Phe Asp Tyr Trp
1   5   10

<210> 7249
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7249
ttcaccatct ccagagaaaa tgccaagaac tccttgtatc ttcaaatgaa cagcctggga   60

gccggggaca cggctgtgta ttactgtgca agaggcggtc cccactactt tgactactgg   120

ggccaggga 129

<210> 7250
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7250

Phe Thr Ile Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Gly Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly
20 25 30

Gly Pro His Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7251
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7251
ttcaccatct ccagagaaaa tgccaagaac tccttgtatc ttcaaatgaa cagcctgaga 60

gccggggaca cggctgtgta ttactgtgca agaggcggtc cccactactt tgactactgg 120

ggccaggga 129

<210> 7252
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7252

Phe Thr Ile Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly
            20   25   30

Gly Pro His Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7253
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7253

Cys Ala Arg Leu Arg Ser Gly Ser Leu Asp Tyr Trp
1   5   10

<210> 7254
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7254
gtcaccgtat tcgtagacac gcccaagaac cagttctccc tgtggctgag ctctgtgacc 60

gccgcagaca cggctgtgta ttactgtgcg agacttcgca gtgggagcct tgactactgg 120

ggccaggga 129

<210> 7255
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7255

Val Thr Val Phe Val Asp Thr Pro Lys Asn Gln Phe Ser Leu Trp Leu
1 5 10 15

Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu
20 25 30

Arg Ser Gly Ser Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 7256
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7256
gtcaccgtat ccgtagacac gtccaagaac cagttctccc tgtggctgag ctctgtgacc 60

gccgcagaca cggctgtgta ttactgtgcg agacttcgca gtgggagcct tgactactgg 120

ggccaggga 129

<210> 7257
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7257

Val Thr Val Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Trp Leu
1 5 10 15

Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu
20 25 30

Arg Ser Gly Ser Leu Asp Tyr Trp Gly Gln Gly

35 40

<210> 7258
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7258

Cys Ala His Arg Leu Gly Trp Phe Asp Pro Trp
1 5 10

<210> 7259
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7259
caggctcacc atcaccaagg acacctccaa aaccaggtgg tccttacaat gaccaacatg 60

gaccctgtgg acacagccac atattactgt gcacacaggt taggctggtt cgacccctgg 120

ggccaggga 129

<210> 7260
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7260

Gln Ala His His His Gln Gly His Leu Gln Asn Gln Val Val Leu Thr
1 5 10 15

Met Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His
20 25 30

Arg Leu Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7261
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7261
aggctcacca tcaccaagga cacctccaaa aaccaggtgg tccttacaat gaccaacatg 60

gaccctgtgg acacagccac atattactgt gcacacaggt taggctggtt cgacccctgg 120

ggccaggga 129

<210> 7262
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7262

Arg Leu Thr Ile Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr
1 5 10 15

Met Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His
20 25 30

Arg Leu Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7263
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7263

Cys Ala Gln Ala Tyr Tyr Tyr Asp Ser Ser Gly Tyr Phe Gly Tyr Trp
1 5 10 15

<210> 7264
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7264
caaggacacc tccaaaacca ggtggtcctt acactgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca ggcgtattac tatgatagta gtggttactt tggctactgg 120

gaccaggga 129

<210> 7265
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7265

Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Leu Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Gln Ala Tyr Tyr Tyr Asp
20 25 30

Ser Ser Gly Tyr Phe Gly Tyr Trp Asp Gln Gly
35 40

<210> 7266
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7266
aaggacacct ccaaaaacca ggtggtcctt acactgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca ggcgtattac tatgatagta gtggttactt tggctactgg 120

gaccaggga 129

<210> 7267
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7267

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Leu Thr Asn Met Asp
1   5   10   15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Gln Ala Tyr Tyr Tyr Asp
            20   25   30

Ser Ser Gly Tyr Phe Gly Tyr Trp Asp Gln Gly
        35   40

<210> 7268
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7268

Cys Ala Arg Val Cys Cys Gly Ile Thr Met Ile Val Val Val Ile Pro
1   5   10   15

Gly Ser Asn Tyr Tyr Phe Asp Tyr Trp
            20   25

<210> 7269
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7269
ttggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagagtctgt 60

tgtggtatta ctatgatagt agtggttatt cctggctcca actactactt tgactactgg 120

ggccaggga 129

<210> 7270
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7270

Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Val Cys Cys Gly Ile Thr Met Ile Val Val Val Ile Pro Gly
            20   25   30

Ser Asn Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7271
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7271
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagagtctgt 60

tgtggtatta ctatgatagt agtggttatt cctggctcca actactactt tgactactgg 120

ggccaggga 129

<210> 7272
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7272

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Val Cys Cys Gly Ile Thr Met Ile Val Val Val Ile Pro Gly
20 25 30

Ser Asn Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7273
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7273

Cys Ala Arg Met Arg Met Val Arg Gly Gly Asp Tyr Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 7274
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7274
tgcacagcct acttggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagaatga ggatggttcg gggaggtgat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7275
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7275

Cys Thr Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Met Arg Met Val Arg Gly Gly Asp Tyr Tyr
            20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35 40

<210> 7276
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7276
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagaatga ggatggttcg gggaggtgat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7277

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7277

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Met Arg Met Val Arg Gly Gly Asp Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7278
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7278

Cys Ala His Arg Leu Arg Gly Ser Asn Val Leu Leu Trp Phe Gly Asp
1 5 10 15

Tyr Gly Met Asp Val Trp
20

<210> 7279
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7279
caggtggtcc ttacaatgac caacatggac cctgtggaca cagccgcata ttactgtgca 60

cacagactgc gaggaagcaa cgtgttacta tggttcgggg actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7280
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7280

Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp Thr Ala Ala
1 5 10 15

Tyr Tyr Cys Ala His Arg Leu Arg Gly Ser Asn Val Leu Leu Trp Phe
20 25 30

Gly Asp Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7281
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7281
caggtggtcc ttacaatgac caacatggac cctgtggaca cagccacata ttactgtgca 60

cacagactgc gaggaagcaa cgtattacta tggttcgggg actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7282
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7282

Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp Thr Ala Thr
1 5 10 15

Tyr Tyr Cys Ala His Arg Leu Arg Gly Ser Asn Val Leu Leu Trp Phe
20 25 30

Gly Asp Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7283
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7283

Cys Ala Arg Val Arg Ala Val Thr Gln Lys Asn Trp Phe Asp Pro Trp
1 5 10 15

<210> 7284
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7284
agggacacgt ccgtcagcac agcctacatg gagctgagca ggctgagatc tgacgacacg 60

gccgcgtatt actgtgcgag agtccgggcg gtgactcaga agaactggtt cgacccctgg 120

ggccaggga 129

<210> 7285
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7285

Arg Asp Thr Ser Val Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu Arg
1   5   10   15

Ser Asp Asp Thr Ala Ala Tyr Tyr Cys Ala Arg Val Arg Ala Val Thr
            20   25   30

Gln Lys Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 7286
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7286
agggacacgt ccatcagcac agcctacatg gagctgagca ggctgagatc tgacgacacg   60

gccgtgtatt actgtgcgag agtccgggcg gtgactcaga agaactggtt cgacccctgg   120

ggccaggga   129

<210> 7287
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7287

Arg Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu Arg
1   5   10   15

Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Arg Ala Val Thr
            20   25   30

Gln Lys Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7288
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7288

Cys Ala Arg Glu Ser Ala Leu Gly Tyr Cys Ser Gly Gly Ser Cys Tyr
1 5 10 15

Ser Gly Thr Asp Phe Asp Tyr Trp
20

<210> 7289
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7289
tttctgaaaa tgaacggtct gagagccgag gacacggctg tgtattactg tgcaagagag 60

tcggccttag gatattgtag tggtggtagc tgctactccg gcacggactt tgactactgg 120

ggccaggga 129

<210> 7290
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7290

Phe Leu Lys Met Asn Gly Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr

1 5 10 15

Cys Ala Arg Glu Ser Ala Leu Gly Tyr Cys Ser Gly Gly Ser Cys Tyr
20 25 30

Ser Gly Thr Asp Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7291
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7291
tatctgcaaa tgaacggtct gagagccgag gacacggctg tgtattactg tgcaagagag 60

tcggccttag gatattgtag tggtggtagc tgctactccg gcacggactt tgactactgg 120

ggccaggga 129

<210> 7292
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7292

Tyr Leu Gln Met Asn Gly Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Arg Glu Ser Ala Leu Gly Tyr Cys Ser Gly Gly Ser Cys Tyr
20 25 30

Ser Gly Thr Asp Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7293

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7293

Cys Ala Arg Val Pro Val Gly Asp Tyr Tyr Gly Met Asp Val Trp
1 5 10 15

<210> 7294
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7294
tccagagaaa atgccaagaa ctccttgtat cttcaaatga acagcctgag agccggggac 60

acggctgtgt attactgtgc aagagtcccc gtcggtgact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7295
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7295

Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Pro Val Gly
20 25 30

Asp Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7296
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7296
tacagagaaa atgccaagaa ctccttgtat cttcaaatga acagcctgag agccggtgac 60

acggctgtgt attactgtgc aagagtcccc gtcggtgact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7297
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7297

Tyr Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Pro Val Gly
20 25 30

Asp Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7298
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7298

Cys Ala Arg Gly Thr Asp Tyr Tyr Gly Ser Gly Ser Tyr Tyr Asn Ser

1 5 10 15

Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
20 25

<210> 7299
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7299
ttggagctga gcagcctgag atctgaggac acggccgtgt attactgtgc gagagggacg 60

gattactatg gttcagggag ttattataac agttactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7300
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7300

Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Gly Thr Asp Tyr Tyr Gly Ser Gly Ser Tyr Tyr Asn Ser Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7301
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7301
atggagctga gcagcctgag atctgaggac acggccgtgt attactgtgc gagagggacg 60

gattactatg gttcagggag ttattataac agttactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7302
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7302

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Gly Thr Asp Tyr Tyr Gly Ser Gly Ser Tyr Tyr Asn Ser Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7303
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7303

Cys Ala Arg Pro Leu Val Asp Asp Ala Phe Asp Ile Trp
1   5   10

<210> 7304
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7304
accatctcag ccgacaagtc catcagcacc gcctacctgc agtggagcag cctgaaggcc 60

tcggacaccg ccatgtatta ctgtgcgaga ccccttgtcg atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7305
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7305

Thr Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser
1 5 10 15

Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Pro Leu
20 25 30

Val Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7306
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7306
accatctcag ccgacaagtc catcagcacc gcctacctgc agtggagcag cctgaaggcc 60

tcggacaccg ccacgtacta ctgtgcgaga ccccttgtcg atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7307
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7307

Thr Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser
1   5   10   15

Ser Leu Lys Ala Ser Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Pro Leu
            20   25   30

Val Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 7308
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7308

Cys Ala Lys Asp Phe Gln Trp Leu Arg Ile Gly Gly Gly Phe Asp Tyr
1   5   10   15

Trp

<210> 7309
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7309

gacaattcca ggaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggct 60

atgtattact gtgcgaaaga ttttcagtgg ttacgaattg gggggggttt tgactactgg 120

ggccaggga 129

<210> 7310
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7310

Asp Asn Ser Arg Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Met Tyr Tyr Cys Ala Lys Asp Phe Gln Trp Leu Arg
20 25 30

Ile Gly Gly Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7311
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7311
gacaattcca gcaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggct 60

atgtattact gtgcgaaaga ttttcagtgg ttacgaattg gggggggttt tgactactgg 120

ggccaggga 129

<210> 7312
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7312

Asp Asn Ser Ser Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Met Tyr Tyr Cys Ala Lys Asp Phe Gln Trp Leu Arg
            20   25   30

Ile Gly Gly Gly Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7313
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7313

Cys Ala Arg Gly Arg Gly Thr His Trp Phe Asp Pro Trp
1   5   10

<210> 7314
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7314
accatgacca ggaacacctc cataagcaca gcctacatgg agctgagcag cctgagatct   60

gaggacacgg ccgtgtatta ctgtgcgaga ggccggggta cacactggtt cgacccctgg   120

ggccaggga   129

<210> 7315
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7315

Thr Met Thr Arg Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser
1   5   10   15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg
            20   25   30

Gly Thr His Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 7316
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7316
accatgacca gcaacacctc cataagcaca gcctacatgg agctgagcag cctgagatct   60

gaggacacgg ccgtgtatta ctgtgcgaga ggccggggta cacactggtt cgacccctgg   120

ggccaggga   129

<210> 7317
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7317

Thr Met Thr Ser Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser
1   5   10   15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg

20 25 30

Gly Thr His Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7318
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7318

Cys Ala Arg Tyr Pro Arg Ala Leu Gly Gly Leu Gly Arg Ala Leu Ala
1 5 10 15

Pro Ser Asp Tyr Trp
20

<210> 7319
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7319
tgcacagcct acatggagct gaggagcctg agatctgacg acacggccgt atattactgt 60

gcgagatacc ctcgggccct gggaggtttg ggtcgggcac tggccccctc tgactactgg 120

ggccaggga 129

<210> 7320
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7320

Cys Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Tyr Pro Arg Ala Leu Gly Gly Leu Gly Arg
            20   25   30

Ala Leu Ala Pro Ser Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7321
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7321
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt atattactgt 60

gcgagatacc ctcgggccct gggaggtttg ggtcgggcac tggccccctc tgactactgg 120

ggccaggga 129

<210> 7322
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7322

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Tyr Pro Arg Ala Leu Gly Gly Leu Gly Arg
            20   25   30

Ala Leu Ala Pro Ser Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7323
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7323

Cys Ala Arg Asp Gln Arg Ile Ala Ala Ala Asp Tyr Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 7324
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7324
tgcacagtct acttggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagatc agaggatagc agcagctgat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7325
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7325

Cys Thr Val Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Gln Arg Ile Ala Ala Ala Asp Tyr Tyr

20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7326
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7326
agcacagtct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagatc agaggatagc agcagctgat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7327
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7327

Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Gln Arg Ile Ala Ala Ala Asp Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7328
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7328

Cys Ala Lys Phe Asp Tyr Trp Ile Asp Tyr Tyr Gly Ser Gly Ser Tyr
1   5   10   15

Gly Thr Gly Gly Tyr Phe Asp Tyr Trp
            20   25

<210> 7329
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7329
ctgcaaatga acagcctgag agccgaggac acggccgtat attactgtgc gaagttcgac   60

tactggatag attactatgg ttcggggagt tatggaacgg gtggctactt tgactactgg   120

ggccaggga   129

<210> 7330
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7330

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Lys Phe Asp Tyr Trp Ile Asp Tyr Tyr Gly Ser Gly Ser Tyr Gly
            20   25   30

Thr Gly Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7331
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7331
ctgaaaatga actgcctgag agccgaggac acggccgtat attactgtgc gaagttcgac 60

tactggatag attactatgg ttcggggagt tatggaacgg gtggctactt tgactactgg 120

ggccaggga 129

<210> 7332
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7332

Leu Lys Met Asn Cys Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Lys Phe Asp Tyr Trp Ile Asp Tyr Tyr Gly Ser Gly Ser Tyr Gly
            20   25   30

Thr Gly Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7333
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7333

Cys Val Lys Gly Thr Ile Pro Ile Phe Gly Val Ile Arg Ser Ala Phe

1 5 10 15

Asp Tyr Trp

<210> 7334
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7334
gccaagaact ccctgtatgt gcaattgaac agtctgagat ctgaggacac ggccttgtat 60

tattgtgtaa aagggactat tccgatcttt ggagtgatta ggagcgcttt tgactactgg 120

ggccagggg 129

<210> 7335
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7335

Ala Lys Asn Ser Leu Tyr Val Gln Leu Asn Ser Leu Arg Ser Glu Asp
1 5 10 15

Thr Ala Leu Tyr Tyr Cys Val Lys Gly Thr Ile Pro Ile Phe Gly Val
20 25 30

Ile Arg Ser Ala Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7336
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7336
cgccaagaac tcctgtatgt gcaattgaac agtctgagat ctgaggacac ggccttgtat 60

tattgtgtaa aagggactat tccgatcttt ggagtgatta ggagcgcttt tgactactgg 120

ggccagggg 129

<210> 7337
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7337

Arg Gln Glu Leu Leu Tyr Val Gln Leu Asn Ser Leu Arg Ser Glu Asp
1   5   10   15

Thr Ala Leu Tyr Tyr Cys Val Lys Gly Thr Ile Pro Ile Phe Gly Val
            20   25   30

Ile Arg Ser Ala Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7338
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7338

Cys Ala Arg Ser Gly Tyr Ser Ser Gly Trp Tyr Gly Asp Tyr Trp
1   5   10   15

<210> 7339
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7339
tacagggaca tgtccacgag gacagtctac atggagctga gcagcctgag atctgaggac 60

acggccgtgt attactgtgc gagatccgga tatagcagtg gctggtacgg agactactgg 120

ggccaggga 129

<210> 7340
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7340

Tyr Arg Asp Met Ser Thr Arg Thr Val Tyr Met Glu Leu Ser Ser Leu
1 5 10 15

Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ser Gly Tyr Ser
20 25 30

Ser Gly Trp Tyr Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 7341
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7341
accagggaca tgtccacgag gacagtctac atggagctga gcagcctgag atctgaggac 60

acggccgtgt attactgtgc gagatccgga tatagcagtg gctggtacgg agactactgg 120

ggccaggga 129

<210> 7342
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7342

Thr Arg Asp Met Ser Thr Arg Thr Val Tyr Met Glu Leu Ser Ser Leu
1   5   10   15

Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ser Gly Tyr Ser
            20   25   30

Ser Gly Trp Tyr Gly Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7343
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7343

Cys Ala His Arg Arg Pro Trp Asp Tyr Phe Asp Tyr Trp
1   5   10

<210> 7344
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7344
caccatcacc aaggacacct ccaaaaccag gtggtcctta caatgaccaa catggaccct   60

gtggacacag ccacatatta ctgtgcacac agacgtccct gggactactt tgactactgg   120

ggccaggga 129

<210> 7345
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7345

His His His Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr
1 5 10 15

Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Arg
20 25 30

Pro Trp Asp Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7346
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7346
accatcacca aggacacctc caaaaaccag gtggtcctta caatgaccaa catggaccct 60

gtggacacag ccacatatta ctgtgcacac agacgtccct gggactactt tgactactgg 120

ggccaggga 129

<210> 7347
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7347

Thr Ile Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr
1   5   10   15

Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Arg
            20   25   30

Pro Trp Asp Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7348
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7348

Cys Ala Arg Gly Gly Tyr Tyr Gly Ser Gly Ser Arg Gly Asp Trp Phe
1   5   10   15

Asp Pro Trp

<210> 7349
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7349
tccaagaacc tgttctccct gaagctgagc tctgtgaccg ccgcggacac ggccgtgtat 60

tactgtgcga gaggcggtta ctatggttca gggagtagag gggactggtt cgacccctgg 120

ggccaggga 129

<210> 7350
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7350

Ser Lys Asn Leu Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Tyr Tyr Gly Ser Gly Ser
            20   25   30

Arg Gly Asp Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 7351
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7351
tccaagaacc agttctccct gaagctgagc tctgtgaccg ccgcggacac ggccgtgtat   60

tactgtgcga gaggcggtta ctatggttca gggagtagag gggactggtt cgacccctgg   120

ggccaggga   129

<210> 7352
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7352

Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Tyr Tyr Gly Ser Gly Ser

20 25 30

Arg Gly Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7353
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7353

Cys Ala Arg Arg Gly Val Arg Pro Phe Ser Asp Gly Met Asp Val Trp
1 5 10 15

<210> 7354
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7354
caaggacacc tccaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcacg ccgcggtgta cgtcccttct ctgacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7355
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7355

Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Arg Gly Val Arg Pro
            20   25   30

Phe Ser Asp Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7356
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7356
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcacg ccgcggtgta cgtcccttct ctgacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7357
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7357

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1   5   10   15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Arg Gly Val Arg Pro
            20   25   30

Phe Ser Asp Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7358
<211> 21
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7358

Cys Ala Arg Asp Gly Leu Ile Val Gly Ala Thr Thr Gly Pro Ser Trp
1 5 10 15

Tyr Phe Asp Leu Trp
20

<210> 7359
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7359
tgcacagtct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagatg gtcttatagt gggagctacc acgggcccct cgtggtactt cgatctctgg 120

ggccgtggc 129

<210> 7360
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7360

Cys Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Gly Leu Ile Val Gly Ala Thr Thr Gly
20 25 30

Pro Ser Trp Tyr Phe Asp Leu Trp Gly Arg Gly

35 40

<210> 7361
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7361
agcacagtct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagatg gtcttatagt gggagctacc acgggcccct cgtggtactt cgatctctgg 120

ggccgtggc 129

<210> 7362
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7362

Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Gly Leu Ile Val Gly Ala Thr Thr Gly
20 25 30

Pro Ser Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 7363
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7363

Cys Ala Arg Asp Arg Asp Tyr Ile Thr Ala Thr Tyr Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val Trp
20

<210> 7364
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7364
acgagcacgg cctacatgga gctgaggagc ctgagatctg acgacacggc cgtgtattac 60

tgtgcgagag atcgggacta cataaccgca acctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7365
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7365

Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Asp Arg Asp Tyr Ile Thr Ala Thr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7366
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7366
acgagcacag cctacatgga gctgaggagc ctgagatctg acgacacggc cgtgtattac 60

tgtgcgagag atcgggacta cataaccgca acctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7367
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7367

Cys Ala Lys Asp Ser His Asp Ile Leu Thr Gly Pro Asp Tyr Trp
1 5 10 15

<210> 7368
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7368
tccagagaca acgccaagaa ctccctgtat ctgcaaatga acagtctgag agctgaggac 60

acggccttgt attactgtgc aaaagatagt cacgatattt tgactggtcc tgactactgg 120

ggccaggga 129

<210> 7369
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7369

Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Ser His Asp
20 25 30

Ile Leu Thr Gly Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 7370
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7370
tacagagaca acgccaagaa ctccctgtat ctgcaaatga acagtctgag agctgaggac 60

actgccttgt attactgtgc aaaagatagt cacgatattt tgactggtcc tgactactgg 120

ggccaggga 129

<210> 7371
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7371

Tyr Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Ser His Asp
20 25 30

Ile Leu Thr Gly Pro Asp Tyr Trp Gly Gln Gly

35 40

<210> 7372
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7372

Cys Ala Arg Ala Glu Tyr Tyr Tyr Asp Ser Ser Gly Tyr Phe Asp Tyr
1 5 10 15

Trp

<210> 7373
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7373
ggcaattcca agaacacgct gtatcttcaa atgaacagcc tgagagccga ggacacggcc 60

gtgtattact gtgcgagagc agaatattac tatgatagta gtggttattt tgactactgg 120

ggccaggga 129

<210> 7374
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7374

Gly Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Glu Tyr Tyr Tyr Asp
            20   25   30

Ser Ser Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7375
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7375
gacaattcca agaacacgct gtatcttcaa atgaacagcc tgagagccga ggacacggcc 60

gtgtattact gtgcgagagc agaatattac tatgatagta gtggttattt gactactgg 120

ggccaggga 129

<210> 7376
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7376

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Glu Tyr Tyr Tyr Asp
            20   25   30

Ser Ser Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7377
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7377

Cys Ala Arg Asp Leu Gly Ala Ala Ala Asp Leu Ile Asp Tyr Trp
1   5   10   15

<210> 7378
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7378
caaccagaca catccaagaa ccagttctcc ctgcagctga actctgtgac tcccgaggac   60

acggctgtgt attactgtgc aagagatttg ggggcagcag ctgatctcat tgactactgg   120

ggccaggga   129

<210> 7379
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7379

Gln Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser Val
1   5   10   15

Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu Gly Ala
            20   25   30

Ala Ala Asp Leu Ile Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7380

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7380
aacccagaca catccaagaa ccagttctcc ctgcagctga actctgtgac tcccgaggac 60

acggctgtgt attactgtgc aagagatttg ggggcagcag ctgatctcat tgactactgg 120

ggccaggga 129

<210> 7381
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7381

Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser Val
1 5 10 15

Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu Gly Ala
20 25 30

Ala Ala Asp Leu Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 7382
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7382

Cys Ala Arg Asp Ser Phe Gly Ile Ala Val Ala Gly Arg Glu Tyr Tyr
1 5 10 15

Tyr Gly Met Asp Val Trp
            20

<210> 7383
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7383
tcagcctaca tggagctgag cagcctgata tctgaggaca cggccgtgta ttactgtgcg   60

agagacagct tcggtatagc agtggccggt agggagtact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 7384
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7384

Ser Ala Tyr Met Glu Leu Ser Ser Leu Ile Ser Glu Asp Thr Ala Val
1   5   10   15

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

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7385
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7385
acagcctaca tggagctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg 60

agagacagct tcggtatagc agtggccggt agggagtact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7386
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7386

Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1 5 10 15

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

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7387
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7387

Cys Ala Lys Gly Pro Ser Gly Tyr Ser Ser Ser Trp Phe Asp Tyr Trp
1 5 10 15

<210> 7388
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7388
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agggccttcc gggtatagca gcagctggtt tgactactgg 120

ggccaggga 129

<210> 7389
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7389

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Pro Ser Gly Tyr
            20   25   30

Ser Ser Ser Trp Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7390
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7390
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agggccttcc gggtacagca gcagctggtt cgactactgg 120

ggccaggga 129

<210> 7391

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7391

Cys Ala Arg Gln Ala Pro Gly Gly Tyr Gly Tyr Gly Tyr Trp
1 5 10

<210> 7392
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7392
ctctccagag acaattccaa gaacacgttg tatcttcaaa tggacagcct gagagccgag 60

gacacggccg tttattactg tgcgagacag gccccgggcg gctatggtta cgggtactgg 120

ggccaggga 129

<210> 7393
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7393

Leu Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asp Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gln Ala Pro
20 25 30

Gly Gly Tyr Gly Tyr Gly Tyr Trp Gly Gln Gly
35 40

<210> 7394
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7394
ctctccagag acaattccaa gaacacgttg tatcttcaaa tggacagcct gagagccgag 60

gacacggccg gttattactg tgcgagacag gccccgggcg gctatggtta cgggtactgg 120

ggccaggga 129

<210> 7395
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7395

Leu Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asp Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Gly Tyr Tyr Cys Ala Arg Gln Ala Pro
20 25 30

Gly Gly Tyr Gly Tyr Gly Tyr Trp Gly Gln Gly
35 40

<210> 7396
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7396

Cys Ala Lys Asp Leu Gly Ser Ser Trp Pro Ser Arg Tyr Tyr Tyr Tyr

1 5 10 15

Tyr Tyr Gly Met Asp Val Trp
20

<210> 7397
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7397
ctgtatctgc aaatgaacag cctgagagcc gaggacacgg ccgtatatta ctgtgcgaaa 60

gatctaggca gcagctggcc ctcccgatat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7398
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7398

Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Lys Asp Leu Gly Ser Ser Trp Pro Ser Arg Tyr Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7399
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7399
ctgtatatgc aaatcaacag cctgagagcc gaggacacgg ccgtatatta ctgtgcgaaa 60

gatctaggca gcagctggcc ctcccgatat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7400
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7400

Leu Tyr Met Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr
1   5   10   15

Tyr Cys Ala Lys Asp Leu Gly Ser Ser Trp Pro Ser Arg Tyr Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7401
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7401

Cys Ala His Thr Ala Ser Ser Gly Trp Arg Gly Glu Tyr Phe Gln His
1   5   10   15

Trp

<210> 7402
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7402
gacacctcca aaaacctggt ggtcattaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacac cgccagcagt ggctggcggg gggaatactt ccagcactgg 120

ggccagggc 129

<210> 7403
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7403

Asp Thr Ser Lys Asn Leu Val Val Ile Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Thr Ala Ser Ser Gly Trp
20 25 30

Arg Gly Glu Tyr Phe Gln His Trp Gly Gln Gly
35 40

<210> 7404
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7404
gacacctcca aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacac cgccagcagt ggctggcggg gggaatactt ccagcactgg 120

ggccagggc 129

<210> 7405
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7405

Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Thr Ala Ser Ser Gly Trp
20 25 30

Arg Gly Glu Tyr Phe Gln His Trp Gly Gln Gly
35 40

<210> 7406
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7406

Cys Ala Arg Asp Gln Ala Gly Ala Phe Asp Ile Trp
1 5 10

<210> 7407
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7407

ataaccatca acccagacac atccaagaac cagttctccc tgcagctgaa ctctgtgact 60

cccgaggaca cggctgtgta ttactgtgca agagaccagg ctggtgcttt tgatatctgg 120

ggccaaggg 129

<210> 7408
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7408

Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu
1 5 10 15

Asn Ser Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp
20 25 30

Gln Ala Gly Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7409
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7409
ataaccatca acccagacac atccaagaac cagttctccc tgcagctgaa ctccgtgact 60

cccgaggaca cggctgtgta ttactgtgca agagaccagg ctggtgcttt tgatatctgg 120

ggccaaggg 129

<210> 7410
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7410

Cys Ala Ser Leu Asn Ser Ser Gly Thr Ser Arg Val Phe Pro Val Arg
1   5   10   15

Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
            20   25

<210> 7411
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7411
ttggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagcctgaat   60

agcagtggca catcacgtgt atttcccgtt cgctactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 7412
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7412

Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Ser Leu Asn Ser Ser Gly Thr Ser Arg Val Phe Pro Val Arg Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7413
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7413
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagcctgaat 60

agcagtggca catcacgtgt atttcccgtt cgctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7414
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7414

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Ser Leu Asn Ser Ser Gly Thr Ser Arg Val Phe Pro Val Arg Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7415
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7415

Cys Ala Arg Glu Gly Val Gly Ala Phe Arg Asp Trp

1 5 10

<210> 7416
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7416
ttcaccatct acagagacaa ttccaagaac acgttgtatc ttcaaatgaa cagcctgaga 60

gccgacgaca cggccgtgta ttactgtgcg agagaagggg tcggggcctt cagggattgg 120

ggccaggga 129

<210> 7417
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7417

Phe Thr Ile Tyr Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu
20 25 30

Gly Val Gly Ala Phe Arg Asp Trp Gly Gln Gly
35 40

<210> 7418
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7418

ttcaccatct acagacacaa ttccaagaac acgttgtatc ttcaaatcaa cagcctgaga 60

gccgacgaca cggccgtgta ttactgtgcg agagaagggg tcggggcctt cagggattgg 120

ggccaggga 129

<210> 7419
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7419

Phe Thr Ile Tyr Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Ile
1 5 10 15

Asn Ser Leu Arg Ala Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu
20 25 30

Gly Val Gly Ala Phe Arg Asp Trp Gly Gln Gly
35 40

<210> 7420
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7420

Cys Ala Lys Asp Leu Thr Ile Phe Gly Val Val Pro Phe Asp Tyr Trp
1 5 10 15

<210> 7421
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7421
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagggc cgaggacacg 60

gccgtatatt actgtgcgaa agatctaacg atttttggag tggtgccctt tgactactgg 120

ggccaggga 129

<210> 7422
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7422

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Thr Ile Phe
20 25 30

Gly Val Val Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7423
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7423
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agatctaacg atttttggag tggtgccctt tgactactgg 120

ggccaggga 129

<210> 7424
<211> 11
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7424

Cys Ala Lys Gly Arg Gly Gly Leu Asp Val Trp
1   5   10

<210> 7425
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7425
cggttcacca tatccagata taattccaag aacacgctgt atctgcaaat gaacagcctg   60

agagccgagg acacggccgt atattattgt gccaagggcc ggggcggtct ggacgtctgg   120

ggccaaggg   129

<210> 7426
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7426

Arg Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1   5   10   15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
            20   25   30

Gly Arg Gly Gly Leu Asp Val Trp Gly Gln Gly
        35   40

<210> 7427

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7427
cggttcacca tatccagaga taattccaag aacacgctgt atctgcaaat gaacagcctg 60

agagccgagg acacggccgt atattattgt gccaagggcc ggggcggtct ggacgtctgg 120

ggccaaggg 129

<210> 7428
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7428

Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
20 25 30

Gly Arg Gly Gly Leu Asp Val Trp Gly Gln Gly
35 40

<210> 7429
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7429

Cys Thr Arg Glu Met Gly Gly Trp Arg Glu His Asp Tyr Trp
1 5 10

<210> 7430
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7430
atctccagag acaattccaa gaacacgctg tatcttcaaa tgggcagcct gcgagctgag 60

gacgtggctg tgtattactg tacgagggag atgggaggtt ggcgcgagca cgactactgg 120

ggccaggga 129

<210> 7431
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7431

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Gly Ser
1 5 10 15

Leu Arg Ala Glu Asp Val Ala Val Tyr Tyr Cys Thr Arg Glu Met Gly
20 25 30

Gly Trp Arg Glu His Asp Tyr Trp Gly Gln Gly
35 40

<210> 7432
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7432
atctccagag acaattccaa gaacacgctg tatcttcaaa tgggcagcct gcgagctgag 60

gacatggctg tgtattactg tacgagggag atgggaggtt ggcgcgagca cgactactgg 120

ggccaggga 129

<210> 7433
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7433

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Gly Ser
1 5 10 15

Leu Arg Ala Glu Asp Met Ala Val Tyr Tyr Cys Thr Arg Glu Met Gly
20 25 30

Gly Trp Arg Glu His Asp Tyr Trp Gly Gln Gly
35 40

<210> 7434
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7434

Cys Ala Arg Asp Phe Arg Gly Val Ala Pro Tyr Tyr Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 7435
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7435
tgcacagcct acttggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagatt ttcggggagt tgccccatat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7436
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7436

Cys Thr Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

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

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35 40

<210> 7437
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7437
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagatt ttcggggagt tgccccatat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7438

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7438

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

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

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7439
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7439

Cys Ala His Arg Thr Lys Gly Tyr Gly Asp Tyr Ser Tyr Tyr Phe Asp
1 5 10 15

Tyr Trp

<210> 7440
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7440
acctccaaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacacaggac caaggggtac ggtgactact cctactactt tgactactgg 120

ggccaggga 129

<210> 7441
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7441

Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Thr Lys Gly Tyr Gly Asp
20 25 30

Tyr Ser Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7442
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7442
cacctccaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacacaggac caaggggtac ggtgactact cctactactt tgactactgg 120

ggccaggga 129

<210> 7443
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7443

His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Thr Lys Gly Tyr Gly Asp
20 25 30

Tyr Ser Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7444
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7444

Cys Ala Lys Asp Trp Leu Leu Val His Asn Trp Phe Asp Pro Trp
1 5 10 15

<210> 7445
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7445
tccagagaca attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaagattgg ctgctggttc acaactggtt cgacccctgg 120

ggccaggga 129

<210> 7446
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7446

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Trp Leu Leu
            20   25   30

Val His Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 7447
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7447
tacagagaca attccaagaa cacgctgtat ctgaaaatga acagcctgag agccgaggac   60

acggccgtat attactgtgc gaaagattgg ctgctggttc acaactggtt cgacccctgg   120

ggccaggga   129

<210> 7448
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7448

Tyr Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Lys Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Trp Leu Leu
            20   25   30

Val His Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 7449
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7449

Cys Thr Thr Asp Ser Ala Pro Asn Thr Phe Ser Gly Arg Trp Tyr Gly
1   5   10   15

Ala Phe Asp Ile Trp
            20

<210> 7450
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7450
aacacactat atctgcaaat gaacagcctg aaaaccgaag acacagccgt atattactgt   60

accacagaca gcgcccctaa cacttttagc ggcaggtggt atggtgcttt tgatatatgg   120

ggccaaggg   129

<210> 7451
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7451

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala

1 5 10 15

Val Tyr Tyr Cys Thr Thr Asp Ser Ala Pro Asn Thr Phe Ser Gly Arg
20 25 30

Trp Tyr Gly Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7452
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7452
aaacacacta tatctgcaaa tgaacagcct gaaaccgaag acacagccgt atattactgt 60

accacagaca gcgcccctaa cacttttagc ggcaggtggt atggtgcttt tgatatatgg 120

ggccaaggg 129

<210> 7453
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7453

Lys His Thr Ile Ser Ala Asn Glu Gln Pro Glu Thr Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Thr Thr Asp Ser Ala Pro Asn Thr Phe Ser Gly Arg
20 25 30

Trp Tyr Gly Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7454

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7454

Cys Ala Arg Glu Ala Gly Val Ser Arg Arg Asp Leu Asp Tyr Trp
1 5 10 15

<210> 7455
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7455
tccagagaca acgccaagaa cacgctgtat ctgcaaatga atagtctgag agccgaggac 60

acggctgtgt tttactgtgc aagagaggct ggtgtgagca gaagagactt agactactgg 120

ggccaggga 129

<210> 7456
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7456

Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Phe Tyr Cys Ala Arg Glu Ala Gly Val
20 25 30

Ser Arg Arg Asp Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 7457
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7457
tccagagaca accccaacaa cacgctgtat ctgcaaatga atagtctgag agccgaggac 60

acggctgtgt tttactgtgc aagagaggct ggtgtgagca gaagagactt agactactgg 120

ggccaggga 129

<210> 7458
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7458

Ser Arg Asp Asn Pro Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Phe Tyr Cys Ala Arg Glu Ala Gly Val
20 25 30

Ser Arg Arg Asp Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 7459
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7459

Cys Ala Arg Met Gly Ala Ser Tyr Gly Ser Ser Leu Asp Pro Trp

1 5 10 15

<210> 7460
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7460
ctccaaggac acctccaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacgt attactgtgc acggatgggg gcctcttatg gttcgtccct cgacccctgg 120

ggccaggga 129

<210> 7461
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7461

Leu Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Met Gly Ala Ser
20 25 30

Tyr Gly Ser Ser Leu Asp Pro Trp Gly Gln Gly
35 40

<210> 7462
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7462

tccaaggaca cctccaaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacgt attactgtgc acggatgggg gcctcttatg gttcgtccct cgacccctgg 120

ggccaggga 129

<210> 7463
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7463

Ser Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Met Gly Ala Ser
20 25 30

Tyr Gly Ser Ser Leu Asp Pro Trp Gly Gln Gly
35 40

<210> 7464
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7464

Cys Ala Lys Asp His Tyr Tyr Ser Ser Gly Ser Ser Gly Tyr Phe Gln
1 5 10 15

His Trp

<210> 7465
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7465
aacgccaaga attccctgta tttgcaaatg aacagtctga gagttgagga cactgccttg 60

tattactgtg caaaagacca ttactattct tcagggagct ctgggtactt ccagcactgg 120

ggccagggc 129

<210> 7466
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7466

Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Val Glu
1 5 10 15

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

Ser Ser Gly Tyr Phe Gln His Trp Gly Gln Gly
35 40

<210> 7467
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7467
aacgccaaga attccctgta tctgcaaatg aacagtctga gagttgagga cactgccttg 60

tattactgtg caaaagacca ttactattct tcagggagct ctgggtactt ccagcactgg 120

ggccagggc 129

<210> 7468
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7468

Cys Ala Leu Asn Tyr Gly Ser Gly Ser Tyr Gln Gly Asp Pro Gly Tyr
1 5 10 15

Tyr Tyr His Gly Met Asp Val Trp
20

<210> 7469
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7469
tatctgcaaa tgaacagcct gagagacgaa gacacggctg tgtattactg tgcgttgaac 60

tatggttcgg ggagttatca gggtgaccca gggtactact accacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7470
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7470

Tyr Leu Gln Met Asn Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Leu Asn Tyr Gly Ser Gly Ser Tyr Gln Gly Asp Pro Gly Tyr

```
            20                  25                  30

Tyr Tyr His Gly Met Asp Val Trp Gly Gln Gly
        35                  40


<210>  7471
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  7471
tatctgaaaa tcaacagcct gagagacgaa gacacggctg tgtattactg tgcgttgaac       60

tatggttcgg ggagttatca gggtgaccca gggtactact accacggtat ggacgtctgg      120

ggccaaggg                                                              129


<210>  7472
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  7472

Tyr Leu Lys Ile Asn Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr
1               5                   10                  15


Cys Ala Leu Asn Tyr Gly Ser Gly Ser Tyr Gln Gly Asp Pro Gly Tyr
            20                  25                  30


Tyr Tyr His Gly Met Asp Val Trp Gly Gln Gly
        35                  40


<210>  7473
<211>  18
<212>  PRT
<213>  Artificial Sequence
```

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7473

Cys Ala His Gly Leu Ser Ser Gly Trp Tyr Arg Thr Asn Trp Phe Asp
1   5   10   15

Pro Trp

<210> 7474
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7474
acctccaaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca   60

tattactgtg cacacggact aagcagtggc tggtacagga ccaactggtt cgacccctgg   120

ggccaggga   129

<210> 7475
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7475

Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1   5   10   15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Leu Ser Ser Gly Trp Tyr
            20   25   30

Arg Thr Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 7476
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7476
cacctccaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacacggact aagcagtggc tggtacagga ccaactggtt cgacccctgg 120

ggccaggga 129

<210> 7477
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7477

His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Leu Ser Ser Gly Trp Tyr
20 25 30

Arg Thr Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7478
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7478

Cys Ala Arg Gly Glu Val Gly His Asp Glu Phe Asp Ile Trp

1 5 10

<210> 7479
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7479
attttagtag acacgtccaa gaatcagctg tccctgacga tgaactctgt gagtgccgct 60

gacacggccc tttattactg tgcgagaggc gaagtggggc atgatgagtt cgatatctgg 120

ggccaaggg 129

<210> 7480
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7480

Ile Leu Val Asp Thr Ser Lys Asn Gln Leu Ser Leu Thr Met Asn Ser
1 5 10 15

Val Ser Ala Ala Asp Thr Ala Leu Tyr Tyr Cys Ala Arg Gly Glu Val
20 25 30

Gly His Asp Glu Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7481
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7481

Cys Thr His Asn Val Gly Gly Trp Asp Gly Pro Tyr Ser Asp Cys Trp
1 5 10 15

<210> 7482
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7482
aaggacactt ccgaaaaccg ggtgatcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt tctgtacaca caatgttgga ggctgggatg ggccctactc tgactgctgg 120

ggccaggga 129

<210> 7483
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7483

Lys Asp Thr Ser Glu Asn Arg Val Ile Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Phe Cys Thr His Asn Val Gly Gly Trp
20 25 30

Asp Gly Pro Tyr Ser Asp Cys Trp Gly Gln Gly
35 40

<210> 7484
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7484
aaggacacct ccaaaaaccg ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt tctgtacaca caatgttgga ggctgggatg ggccctactc tgactgctgg 120

ggccaggga 129

<210> 7485
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7485

Lys Asp Thr Ser Lys Asn Arg Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Phe Cys Thr His Asn Val Gly Gly Trp
20 25 30

Asp Gly Pro Tyr Ser Asp Cys Trp Gly Gln Gly
35 40

<210> 7486
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7486

Cys Ala Arg Asp Ser Met Val Arg Gly Val Ala Glu Gly Asp Ala Phe
1 5 10 15

Asp Ile Trp

<210> 7487

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7487
gccaagaact cgctctttct gcaaatgaac agtctgagag ccgaggacac ggctgtgtat 60

tactgtgcaa gagacagtat ggttcgggga gttgccgagg gggatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7488
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7488

Ala Lys Asn Ser Leu Phe Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ser Met Val Arg Gly Val Ala
20 25 30

Glu Gly Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7489
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7489
gccaagaaca cgctctttct gcaaatgaac agtctgagag ccgaggacac ggctgtgtat 60

tactgtgcaa gagacagtat ggttcgggga gttgccgagg gggatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7490
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7490

Ala Lys Asn Thr Leu Phe Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ser Met Val Arg Gly Val Ala
20 25 30

Glu Gly Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7491
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7491

Cys Ala Arg Val His His Leu Gly Arg Gly Phe Ala Tyr Trp
1 5 10

<210> 7492
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7492
atcttcccag acacatccaa gaaccagttc tccctgcagc tgacctctgt gactcccgag 60

gacacggctg tgtattactg tgcaagagtc catcacctcg gccgggggtt tgcctactgg 120

ggccaggga 129

<210> 7493
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7493

Ile Phe Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Thr Ser
1 5 10 15

Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val His His
20 25 30

Leu Gly Arg Gly Phe Ala Tyr Trp Gly Gln Gly
35 40

<210> 7494
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7494
atcaacccag acacatccaa gaaccagttc tccctgcagc tgacctctgt gactcccgag 60

gacacggctg tgtattactg tgcaagagtc catcacctcg gccgggggtt tgcctactgg 120

ggccaggga 129

<210> 7495
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7495

Ile Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Thr Ser
1 5 10 15

Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val His His
20 25 30

Leu Gly Arg Gly Phe Ala Tyr Trp Gly Gln Gly
35 40

<210> 7496
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7496

Cys Ala Arg Ala Asp Glu Asp Ile Ala Pro Pro Asp Tyr Trp
1 5 10

<210> 7497
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7497
atgaccacag acacattcac gagcacagcc tacatggagc tgaggagcct gagatctgac 60

gacacggccg tctattattg tgcgagagct gatgaggata tagccccccc cgactactgg 120

ggccaggga 129

<210> 7498
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7498

Met Thr Thr Asp Thr Phe Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser
1   5   10   15

Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Asp Glu
            20   25   30

Asp Ile Ala Pro Pro Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7499
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7499
atgaccacac acacattcac gaccacagcc tacatggagc tgaggagcct gagatctgac   60

gacacggccg tctattattg tgcgagagct gatgaggata tagccccccc cgactactgg   120

ggccaggga   129

<210> 7500
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7500

Met Thr Thr His Thr Phe Thr Thr Thr Ala Tyr Met Glu Leu Arg Ser
1   5   10   15

Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Asp Glu
            20   25   30

Asp Ile Ala Pro Pro Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7501
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7501

Cys Ala Arg Ala Leu Glu Pro Thr Val Gly Asp Val Trp
1   5   10

<210> 7502
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7502
acgattaccg cggacaaatc cacgagcaca gcctacatgg agctgagcag cctgagatct   60

gaggacacgg ccgtgtatta ctgtgcgaga gctctagagc cgaccgtggg ggacgtctgg   120

ggccaaggg   129

<210> 7503
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7503

Thr Ile Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser
1   5   10   15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Leu

```
            20                  25                  30

Glu Pro Thr Val Gly Asp Val Trp Gly Gln Gly
        35                  40


<210>  7504
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  7504
acgattaccg cgcacaaatc cacgagcaca gcctacatgg agctgagcag cctgagatct       60

gaggacacgg ccgtgtatta ctgtgcgaga gctctagagc cgaccgtggg ggacgtctgg      120

ggccaaggg                                                              129


<210>  7505
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  7505

Thr Ile Thr Ala His Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser
1               5                   10                  15


Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Leu
            20                  25                  30


Glu Pro Thr Val Gly Asp Val Trp Gly Gln Gly
        35                  40


<210>  7506
<211>  17
<212>  PRT
<213>  Artificial Sequence
```

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7506

Cys Ala His Arg Ser Leu Tyr Tyr Tyr Gly Ser Gly Ser Trp Asp Tyr
1   5   10   15

Trp

<210> 7507
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7507
gacacctcca aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc   60

acatattact gtgcacaccg atctctgtat tactatggtt cagggagttg ggactactgg   120

ggccaggga   129

<210> 7508
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7508

Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1   5   10   15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Ser Leu Tyr Tyr Tyr
            20   25   30

Gly Ser Gly Ser Trp Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7509
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7509
ggacacctcc aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacaccg atctctgtat tactatggtt cagggagttg ggactactgg 120

ggccaggga 129

<210> 7510
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7510

Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Ser Leu Tyr Tyr Tyr
20 25 30

Gly Ser Gly Ser Trp Asp Tyr Trp Gly Gln Gly
35 40

<210> 7511
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7511

Cys Ala Arg Gly Asp Arg Gln Trp Leu Val Arg Asp Tyr Trp

1 5 10

<210> 7512
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7512
atgaccagga acacctccat aagcacagcc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagaggg gatcggcagt ggctggtaag agactactgg 120

ggccaggga 129

<210> 7513
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7513

Met Thr Arg Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asp Arg
20 25 30

Gln Trp Leu Val Arg Asp Tyr Trp Gly Gln Gly
35 40

<210> 7514
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7514

atgaccagca acacctccat aagcacagcc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagaggg gatcggcagt ggctggtaag agactactgg 120

ggccaggga 129

<210> 7515
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7515

Met Thr Ser Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asp Arg
20 25 30

Gln Trp Leu Val Arg Asp Tyr Trp Gly Gln Gly
35 40

<210> 7516
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7516

Cys Ala His Ser Val Pro Leu Leu Trp Phe Gly Glu Leu Tyr Gly Trp
1 5 10 15

Phe Asp Pro Trp
20

<210> 7517
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7517
caaaaaccag gtggtccttc aatgaccaac atggaccctg tggacacagc cacatattac 60

tgtgcacaca gcgtcccttt actatggttc ggggagttat atggttggtt cgacccctgg 120

ggccaggga 129

<210> 7518
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7518

Gln Lys Pro Gly Gly Pro Ser Met Thr Asn Met Asp Pro Val Asp Thr
1 5 10 15

Ala Thr Tyr Tyr Cys Ala His Ser Val Pro Leu Leu Trp Phe Gly Glu
20 25 30

Leu Tyr Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7519
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7519
aaaaaccagg tggtccttac aatgaccaac atggaccctg tggacacagc cacatattac 60

tgtgcacaca gcgtcccttt actatggttc ggggagttat atggttggtt cgacccctgg 120

ggccaggga 129

<210> 7520
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7520

Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp Thr
1   5   10   15

Ala Thr Tyr Tyr Cys Ala His Ser Val Pro Leu Leu Trp Phe Gly Glu
            20   25   30

Leu Tyr Gly Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 7521
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7521

Cys Ala Arg Asp Ser Glu Val Ala Ala Ala Gly Ile Tyr Tyr Tyr Tyr
1   5   10   15

Tyr Gly Met Asp Val Trp
            20

<210> 7522
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7522

acagcctaca tggagctgag gagcctgaga tctgacgaca cggccgtgta ttactgtgcg 60

agagattctg aggtagcagc agctggtatt tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7523
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7523

Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Asp Ser Glu Val Ala Ala Ala Gly Ile Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7524
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7524
aatgcctaca tggagctgag gagcctgaga tctgacgaca cggccgtgta ttactgtgcg 60

agagattctg aggtagcagc agctggtatt tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7525
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7525

Asn Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Asp Ser Glu Val Ala Ala Ala Gly Ile Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7526
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7526

Cys Ala Arg Glu Arg Gly Pro Gly Tyr Phe Asp Tyr Trp
1   5   10

<210> 7527
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7527
accatgacca cagacacatc cacgagcaca gcctacatgg agctgaggag cctgagatct   60

gacgacacgg ccgtgtatta ctgtgcgaga gagaggggcc caggctactt tgactactgg   120

ggccaggga   129

<210> 7528
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7528

Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg
1 5 10 15

Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Arg
20 25 30

Gly Pro Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7529
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7529
accatgacca cacacacatc cacgagcaca gcctacatgg agctgaggag cctgagatct 60

gacgacacgg ccgtgtatta ctgtgcgaga gagaggggcc caggctactt tgactactgg 120

ggccaggga 129

<210> 7530
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7530

Thr Met Thr Thr His Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg
1 5 10 15

Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Arg

20 25 30

Gly Pro Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7531
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7531

Cys Ala Arg His Leu Arg Tyr Tyr Asp Trp Arg Leu Asp Tyr Trp
1 5 10 15

<210> 7532
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7532
tccgtagaca cgtccaagaa tcagttctcc ctgaacctga ggtctgtgac cgccgcagac 60

acggctgtct attactgtgc gagacatcta cgatattatg actggagact tgactactgg 120

ggccaggga 129

<210> 7533
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7533

Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Asn Leu Arg Ser Val
1 5 10 15

Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg His Leu Arg Tyr
            20   25   30

Tyr Asp Trp Arg Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7534
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7534
tccgtagaca cgtccaagaa tcagttctcc ctgaacctga agtctgtgac cgccgcagac 60

gcggctgtct attactgtgc gagacatcta cgatattatg actggagact tgactactgg 120

ggccaggga 129

<210> 7535
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7535

Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Asn Leu Lys Ser Val
1   5   10   15

Thr Ala Ala Asp Ala Ala Val Tyr Tyr Cys Ala Arg His Leu Arg Tyr
            20   25   30

Tyr Asp Trp Arg Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7536
<211> 12
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7536

Cys Ala Lys Gly Asp Gly Glu Tyr Phe Gln His Trp
1 5 10

<210> 7537
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7537
ttcaccatct ccagagacaa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaaggggacg gtgaatactt ccagcactgg 120

ggccagggc 129

<210> 7538
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7538

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly
20 25 30

Asp Gly Glu Tyr Phe Gln His Trp Gly Gln Gly
35 40

<210> 7539

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7539
ttcaccatct ccagacacaa ttccaagaac acgctgtatc tgcaaatcaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaaggggacg gtgaatactt ccagcactgg 120

ggccagggc 129

<210> 7540
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7540

Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Ile
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly
20 25 30

Asp Gly Glu Tyr Phe Gln His Trp Gly Gln Gly
35 40

<210> 7541
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7541

Cys Ala Arg Glu Ser Ile Ala Val Gly Ser Arg Tyr Phe Asp Tyr Trp
1 5 10 15

<210> 7542
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7542
agggacccgt ccttcagcac agcctacatg gaactgagca gtctgacatc tgacgacact 60

gtcgtctatt actgtgcgag agagtcaata gcagttggtt cgcgctactt tgactactgg 120

ggccagggg 129

<210> 7543
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7543

Arg Asp Pro Ser Phe Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Thr
1   5   10   15

Ser Asp Asp Thr Val Val Tyr Tyr Cys Ala Arg Glu Ser Ile Ala Val
            20   25   30

Gly Ser Arg Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7544
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7544
agggacacgt ccttcagcac agcctacatg gagctgagca gtctggcatc tgacgacact 60

gtcgtatatt actgtgcgcg agagtcaata gcagttggtt cgcgctactt tgactactgg 120

ggccagggg 129

<210> 7545
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7545

Arg Asp Thr Ser Phe Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Ala
1 5 10 15

Ser Asp Asp Thr Val Val Tyr Tyr Cys Ala Arg Glu Ser Ile Ala Val
20 25 30

Gly Ser Arg Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7546
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7546

Cys Ala Arg Val Gln Val Gln Leu Glu Arg His Gly Val Gly Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 7547
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7547
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagtcc aggtacaact ggaacggcat ggggtagggt actacggtat ggacgtctgg 120

ggccagggg 129

<210> 7548
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7548

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1   5   10   15

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

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7549
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7549
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagtcc aggtacaact ggaacggcat ggggtagggt actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7550

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7550

Cys Ala His Lys Ile Trp Phe Arg Glu Leu Asp His Asp Ala Phe Asp
1 5 10 15

Ile Trp

<210> 7551
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7551
acctccaaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacacaagat atggttcagg gagttagatc atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7552
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7552

Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Lys Ile Trp Phe Arg Glu Leu
20 25 30

Asp His Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 7553
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7553
cacctccaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacacaagat atggttcagg gagttagatc atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7554
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7554

His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1   5   10   15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Lys Ile Trp Phe Arg Glu Leu
            20   25   30

Asp His Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 7555
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7555

Cys Ala Lys Val Ser Glu Tyr Gly Ser Gly Ser Tyr Phe Asp Tyr Trp
1 5 10 15

<210> 7556
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7556
agagacaaca tcaaaaactc cctgtatctg caaatgaaca gtctgagaac tgaggacacc 60

gccttgtatt actgtgcaaa agtatcggag tatggttcgg ggagttattt tgactactgg 120

ggccaggga 129

<210> 7557
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7557

Arg Asp Asn Ile Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Thr Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Val Ser Glu Tyr Gly
20 25 30

Ser Gly Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7558
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7558
agagacaaca gcaaaaactc cctgtatctg caaatgaaca gtctgagaac tgaggacacc 60

gccttgtatt actgtgcaaa agtatcggag tatggttcgg ggagttattt tgactactgg 120

ggccaggga 129

<210> 7559
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7559

Arg Asp Asn Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Thr Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Val Ser Glu Tyr Gly
            20   25   30

Ser Gly Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7560
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7560

Cys Thr Thr Asp Arg Ser Pro Arg Tyr Tyr Tyr Tyr Gly Met Asp Val
1   5   10   15

Trp

<210> 7561
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7561
gatgattcaa aaaacacgct gtatctgcaa atgaacagcc tgaataccga ggacacagcc 60

gtgtattact gtaccacaga tcggtcgccc cgctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7562
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7562

Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Asn Thr
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Asp Arg Ser Pro Arg Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7563
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7563
gatgattcaa aaaacacgct gtatctgcaa atgaacagcc tgaaaaccga ggacacagcc 60

gtgtattact gtaccacaga tcggtcgccc cgctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7564
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7564

Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Asp Arg Ser Pro Arg Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7565
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7565

Cys Ala Arg Glu Trp Met Thr Gly Pro Tyr Asn Trp Phe Asp Pro Trp
1 5 10 15

<210> 7566
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7566

agggacacat ccgcgagcac agcctacatg gagctgagca gcctgagctc tgatgacacg 60

gctgtgtatt tctgtgcgag ggagtggatg actggaccgt acaactggtt cgacccctgg 120

ggccaggga 129

<210> 7567
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7567

Arg Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Ser
1 5 10 15

Ser Asp Asp Thr Ala Val Tyr Phe Cys Ala Arg Glu Trp Met Thr Gly
20 25 30

Pro Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7568
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7568
agggacacat ccgcgagcac agcctacatg gagctgagca gcctgagctc tgacgacacg 60

gctgtgtatt tctgtgcgag ggagtggatg actggaccgt acaactggtt cgacccctgg 120

ggccaggga 129

<210> 7569
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7569

Cys Ala Arg Tyr Gly Tyr Tyr Asp Ser Ser Gly Pro Phe Trp Gly Thr
1   5   10   15

Ser Trp Phe Asp Pro Trp
            20

<210> 7570
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7570
cagttctccc tgaagttgag ctctgtgacc gccgcagaca cggccgtgta ttactgtgcg   60

agatatggtt actatgatag tagtggacca ttttggggaa cttcctggtt cgacccctgg   120

ggccaggga   129

<210> 7571
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7571

Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Tyr Gly Tyr Tyr Asp Ser Ser Gly Pro Phe Trp
            20   25   30

Gly Thr Ser Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 7572
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7572
cagttctccc tgaagttgag ccctgtgacc gccgcagaca cggccgtgta ctactgtgcg 60

agatatggtt actatgatag tagtggacca ttttggggaa cttcctggtt cgacccctgg 120

ggccaggga 129

<210> 7573
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7573

Gln Phe Ser Leu Lys Leu Ser Pro Val Thr Ala Ala Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Tyr Gly Tyr Tyr Asp Ser Ser Gly Pro Phe Trp
20 25 30

Gly Thr Ser Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7574
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7574

Cys Ala Arg Ile Gly Tyr Gly Asp Cys Leu Ser Asp Tyr Trp

1 5 10

<210> 7575
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7575
catctccaag gacacctcca aaaccaggtg gtccttacaa tgaccaacat ggaccctgtg 60

gacacagcca cgtattactg tgcacggata ggctacggtg actgcctatc tgactactgg 120

ggccaggga 129

<210> 7576
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7576

His Leu Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn
1 5 10 15

Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ile Gly Tyr
20 25 30

Gly Asp Cys Leu Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 7577
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7577

atctccaagg acacctccaa aaaccaggtg gtccttacaa tgaccaacat ggaccctgtg 60

gacacagcca cgtattactg tgcacggata ggctacggtg actgcctatc tgactactgg 120

ggccaggga 129

<210> 7578
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7578

Ile Ser Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn
1 5 10 15

Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ile Gly Tyr
20 25 30

Gly Asp Cys Leu Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 7579
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7579

Cys Ala Arg Asp Pro Tyr Gly Asp Leu Leu Leu Gly Leu Asp Tyr Trp
1 5 10 15

<210> 7580
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7580
tgggacacat ccgcgagcac agcctacatg gagctgagca gcctgagatc tgaagacacg 60

gctgtgtatt actgtgcgag agatccctac ggtgacttac tacttggtct ggactactgg 120

ggccaggga 129

<210> 7581
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7581

Trp Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Pro Tyr Gly Asp
20 25 30

Leu Leu Leu Gly Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 7582
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7582
agggacacat ccgcgagcac agcctacatg gagctgagca gcctgagatc tgaagacacg 60

gctgtgtatt actgtgcgag agatccctac ggtgacttac tacttggtct ggactactgg 120

ggccaggga 129

<210> 7583
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7583

Arg Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1   5   10   15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Pro Tyr Gly Asp
            20   25   30

Leu Leu Leu Gly Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7584
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7584

Cys Ala Ile Glu Gly Tyr Cys Ser Ser Thr Ser Cys Ser Gly Ala Phe
1   5   10   15

Asp Ile Trp

<210> 7585
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7585
tccaagaact cgctgtatct gcaaatgaac agcctgagag ccgaggacac ggccgtatat   60

tactgtgcca ttgaaggata ttgtagtagt accagctgct ccggagcttt tgatatctgg   120

ggccaaggg 129

<210> 7586
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7586

Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Ile Glu Gly Tyr Cys Ser Ser Thr Ser
20 25 30

Cys Ser Gly Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7587
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7587
tccaagaaca cgctgtatct gcaaatgaac agcctgagag ccgaggacac ggccgtatat 60

tactgtgcca ttgaaggata ttgtagtagt accagctgct ccggagcttt tgatatctgg 120

ggccaaggg 129

<210> 7588
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7588

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Ile Glu Gly Tyr Cys Ser Ser Thr Ser
            20   25   30

Cys Ser Gly Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 7589
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7589

Cys Ala Arg Ile Ser Trp Tyr Asn Ser Thr Trp Ser Leu Asp Tyr Trp
1   5   10   15

<210> 7590
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7590
agggacaacg ccaagaactc gctgtatttg caaatgaaca gcctgagagc cgaggacacg 60

gccgtctatt actgtgcgag aataagctgg tataacagca cttggtccct tgactactgg 120

ggccaggga 129

<210> 7591
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7591

Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ile Ser Trp Tyr Asn
20 25 30

Ser Thr Trp Ser Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 7592
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7592
agggacaacg ccaagaaccc gctgtatttg caaatgaaca gcctgagagc cgaggacacg 60

gccgtctatt actgtgcgag aataagctgg tataacagca cttggtccct tgactactgg 120

ggccaggga 129

<210> 7593
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7593

Arg Asp Asn Ala Lys Asn Pro Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ile Ser Trp Tyr Asn
20 25 30

Ser Thr Trp Ser Leu Asp Tyr Trp Gly Gln Gly

35 40

<210> 7594
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7594

Cys Ala Gly Ala Asp Lys Pro Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
1 5 10 15

<210> 7595
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7595
tgggacatgc ccacaagcac agcctacatg gagctgagca gcctgagatc cgaggacacg 60

gccgtgtatt actgtgcggg agcggataag ccttactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7596
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7596

Trp Asp Met Pro Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Gly Ala Asp Lys Pro Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7597
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7597
agggacatgt ccacaagcac agcctacatg gagctgagca gcctgagatc cgaggacacg   60

gccgtgtatt actgtgcggg agcggataag ccttactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 7598
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7598

Arg Asp Met Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1   5   10   15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Gly Ala Asp Lys Pro Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7599
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7599

Cys Ala Lys Asp Gln Met Gly Ala Thr Asp Tyr Trp
1 5 10

<210> 7600
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7600
ttcaccatct ccagatataa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaagatcaaa tgggagctac tgactactgg 120

ggccaggga 129

<210> 7601
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7601

Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp
20 25 30

Gln Met Gly Ala Thr Asp Tyr Trp Gly Gln Gly
35 40

<210> 7602
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7602
ttcaccatct ccagagataa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaagatcaaa tgggagctac tgactactgg 120

ggccaggga 129

<210> 7603
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7603

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp
            20   25   30

Gln Met Gly Ala Thr Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7604
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7604

Cys Ala Arg Val Ala Ser Ser Ser Trp Tyr Ser Pro Lys Ile Asp Val
1   5   10   15

Val Tyr Asp Tyr Trp
            20

<210> 7605
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7605
tgcacagtct acttggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagtgg ccagcagcag ctggtactcc ccgaagattg atgtggtata tgactactgg 120

ggccaggga 129

<210> 7606
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7606

Cys Thr Val Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Val Ala Ser Ser Ser Trp Tyr Ser Pro Lys
20 25 30

Ile Asp Val Val Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 7607
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7607
agcacagtct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagtgg ccagcagcag ctggtactcc ccgaagattg atgtggtata tgactactgg 120

ggccaggga 129

<210> 7608
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7608

Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Val Ala Ser Ser Ser Trp Tyr Ser Pro Lys
20 25 30

Ile Asp Val Val Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 7609
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7609

Cys Ala Lys Val Gly Gly Trp Gly Met Asp Val Trp
1 5 10

<210> 7610
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7610

ttcaccatct ccagagacaa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaagtcgggg gatggggtat ggacgtctgg 120

ggccaaggg 129

<210> 7611
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7611

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val
20 25 30

Gly Gly Trp Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7612
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7612
ttcaccatct ccagacacaa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaagtcgggg gatggggtat ggacgtctgg 120

ggccaaggg 129

<210> 7613
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7613

Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val
            20   25   30

Gly Gly Trp Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7614
<211> 31
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7614

Cys Ala Arg His Gly Trp Asn Asp Pro Phe Pro Val Thr Gly Tyr Ser
1   5   10   15

Ser Ser Trp Tyr Pro Leu Asp Tyr Tyr Tyr Gly Met Asp Val Trp
            20   25   30

<210> 7615
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7615
accgccgcag acacggctgt gtattactgt gcgagacatg ggtggaatga cccgtttccg   60

gtcaccgggt atagcagcag ctggtacccc ctcgactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 7616
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7616

Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg His Gly Trp Asn
1 5 10 15

Asp Pro Phe Pro Val Thr Gly Tyr Ser Ser Ser Trp Tyr Pro Leu Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7617
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7617
ccgccgcaga ccacggctgt gtattactgt gcgagacatg ggtggaatga cccgtttccg 60

gtcaccgggt atagcagcag ctggtacccc ctcgactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7618
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7618

Pro Pro Gln Thr Thr Ala Val Tyr Tyr Cys Ala Arg His Gly Trp Asn

1 5 10 15

Asp Pro Phe Pro Val Thr Gly Tyr Ser Ser Ser Trp Tyr Pro Leu Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7619
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7619

Cys Ala Arg Arg Ala Ser Arg Arg Gly Ala Phe Asp Ile Trp
1 5 10

<210> 7620
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7620
atgaccacag acacatccac gagtacagcc tacatggagc tgaggagcct gagatctgac 60

gacacggccg tgtattactg tgcgagacgg gcctctagga ggggagcttt tgatatctgg 120

ggccaaggg 129

<210> 7621
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7621

Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser
1   5   10   15

Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Arg Ala Ser
            20   25   30

Arg Arg Gly Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 7622
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7622
atgaccacag acacatccac gagcacagcc tacatggagc tgaggagcct gagatctgac 60

gacacggccg tgtattactg tgcgagacgg gcctctagga ggggagcttt tgatatctgg 120

ggccaaggg 129

<210> 7623
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7623

Cys Ala Arg Glu Ser Lys Thr Thr Val Thr Thr Leu Gly Tyr Trp
1   5   10   15

<210> 7624
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7624
accacagaca catccacgag cacagcctac atggagctga ggagcctgag atctgacgac 60

acggccgtgt attactgtgc gagagaaagc aaaactacgg tgactacgtt aggctactgg 120

ggccaggga 129

<210> 7625
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7625

Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu
1 5 10 15

Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Ser Lys Thr
20 25 30

Thr Val Thr Thr Leu Gly Tyr Trp Gly Gln Gly
35 40

<210> 7626
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7626
accacagaca catccacgag cacagcctac atggagctga ggagcctgag atctgacgac 60

acggccgtgc attactgtgc gagagaaagc aaaactacgg tgactacgtt aggctactgg 120

ggccaggga 129

<210> 7627
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7627

Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu
1   5   10   15

Arg Ser Asp Asp Thr Ala Val His Tyr Cys Ala Arg Glu Ser Lys Thr
            20   25   30

Thr Val Thr Thr Leu Gly Tyr Trp Gly Gln Gly
        35   40

<210> 7628
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7628

Cys Ala Arg Glu Gly Arg Glu Ala Ala Ala Gly Thr Asn Tyr Tyr Tyr
1   5   10   15

Gly Met Asp Val Trp
            20

<210> 7629
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7629
tgcacagcct acttggagct gaggagcctg agatctgacg acacggccgt gtattactgt   60

gcgagagagg gcagggaagc agcagctggt acgaactact actacggtat ggacgtctgg   120

ggccaaggg 129

<210> 7630
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7630

Cys Thr Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Gly Arg Glu Ala Ala Ala Gly Thr Asn
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7631
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7631
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcgagagagg gcagggaagc agcagctggt acgaactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7632
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7632

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Glu Gly Arg Glu Ala Ala Ala Gly Thr Asn
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7633
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7633

Cys Ala Arg Gly Pro Glu Trp Phe Ala Asn Tyr Tyr Tyr Gly Met Asp
1   5   10   15

Val Trp

<210> 7634
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7634
acgtccaaga accagttctc cctgaggctg agctctgtga ccgccgcgga cacggccgtg 60

tattactgtg cgagaggtcc ggagtggttt gccaactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7635
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7635

Thr Ser Lys Asn Gln Phe Ser Leu Arg Leu Ser Ser Val Thr Ala Ala
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Pro Glu Trp Phe Ala Asn
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7636
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7636
acgtccaaga accagttctc cctgaagctg agctctgtga ccgccgcgga cacggccgtg   60

tattactgtg cgagaggtcc ggagtggttt gccaactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 7637
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7637

Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Pro Glu Trp Phe Ala Asn

20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7638
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7638

Cys Ala Lys Gly Gln Gly Asp Ala Thr Thr Val Thr Pro Phe Asp Tyr
1 5 10 15

Trp

<210> 7639
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7639
gacaattcca agaacacgct gtatctgcaa atgaatagcc tgagagccga ggacacggcc 60

atatattact gtgcgaaagg gcaaggggat gcgactacgg tgacccccctt tgactactgg 120

ggccaggga 129

<210> 7640
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7640

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Ile Tyr Tyr Cys Ala Lys Gly Gln Gly Asp Ala Thr
            20   25   30

Thr Val Thr Pro Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7641
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7641
gacaattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

atatattact gtgcgaaagg gcaaggggat gcgactacgg tgacccccctt tgactactgg 120

ggccaggga 129

<210> 7642
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7642

Cys Ala Arg Gln Pro Gln Tyr Tyr Tyr Gly Ala Gly Phe Asp Pro Trp
1   5   10   15

<210> 7643
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7643
gccgacaagt ccatcagcac cgcctacctg cagtggagca gcctgaaggc ctcggacacc 60

gccatttact attgtgcgag acagccccaa tattactatg gtgcggggtt cgacccctgg 120

ggccaggga 129

<210> 7644
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7644

Ala Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys
1 5 10 15

Ala Ser Asp Thr Ala Ile Tyr Tyr Cys Ala Arg Gln Pro Gln Tyr Tyr
20 25 30

Tyr Gly Ala Gly Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7645
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7645
gacgacaagt ccatcagcac cgcctacctg cagtggagca gcctgaaggc ctctgacacc 60

gccatttact attgtgcgag acagccccaa tattactatg gtgcggggtt cgacccctgg 120

ggccaggga 129

<210> 7646
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7646

Asp Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys
1   5   10   15

Ala Ser Asp Thr Ala Ile Tyr Tyr Cys Ala Arg Gln Pro Gln Tyr Tyr
            20   25   30

Tyr Gly Ala Gly Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 7647
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7647

Cys Ala His Leu Gln Ser Gly Tyr Asp Ser Ile Leu Asp Tyr Trp
1   5   10   15

<210> 7648
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7648
caccaaggac acctccaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac   60

acagccacat attactgtgc acaccttcaa agtggctacg attcaatttt ggactactgg   120

ggccaggga   129

<210> 7649

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7649

His Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Leu Gln Ser Gly
20 25 30

Tyr Asp Ser Ile Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 7650
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7650
accaaggaca cctccaaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacat attactgtgc acaccttcaa agtggctacg attcaatttt ggactactgg 120

ggccaggga 129

<210> 7651
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7651

Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Leu Gln Ser Gly
            20   25   30

Tyr Asp Ser Ile Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7652
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7652

Cys Ala Ala Asp Gly Phe Gly Ile Val Gly Ala Thr Asn Asn Tyr Phe
1   5   10   15

Asp Tyr Trp

<210> 7653
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7653
tccacaagca cagcctacat ggagctgagc agcctgagat ccgaggacac ggccgtgtat 60

tactgtgcgg cagacgggtt cggtatagtg ggagctacta acaactactt tgactactgg 120

ggccaggga 129

<210> 7654
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7654

Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Ala Asp Gly Phe Gly Ile Val Gly Ala
20 25 30

Thr Asn Asn Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7655
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7655
tccacaagca cagcctacat ggagctgagc agcctgagat ccgaggacac ggccgtatat 60

tactgtgcgg cagacgggtt cggtatagtg ggagctacta acaactactt tgactactgg 120

ggccaggga 129

<210> 7656
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7656

Cys Ala Arg Gly Tyr Cys Ser Gly Gly Ser Cys Tyr Phe Ser Pro Gly
1 5 10 15

Leu Gly Gly Val Asp Trp
20

<210> 7657

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7657
cagttctccc tgaagctgag ctctgtgact gccgcggaca cggccgtgta ttactgtgcg 60

agaggatatt gtagtggtgg tagctgctat ttttcgccgg gtctcggggg tgtggactgg 120

ggccaggga 129

<210> 7658
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7658

Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Gly Tyr Cys Ser Gly Gly Ser Cys Tyr Phe Ser
20 25 30

Pro Gly Leu Gly Gly Val Asp Trp Gly Gln Gly
35 40

<210> 7659
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7659
cagttctccc tgaagctgag ctctgtgact gccgcggaca cggccgtgta ttactgtgcg 60

agaggatatt gtagtggtgg tagctgctat ttttcgccgg gtctcggggg tgtagactgg 120

ggccaggga 129

<210> 7660
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7660

Cys Ala Arg Gly Leu Leu Arg Asp Ile Leu Thr Gly Tyr Leu Pro Pro
1 5 10 15

Leu Gly Tyr Trp
20

<210> 7661
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7661
aagaactcac tgtatctgca aatgaacagc ctgagagacg aggacacggc tgtgtattac 60

tgtgcgagag ggcttctacg ggatattttg actggttatc tccccccttt ggggtactgg 120

ggccgggga 129

<210> 7662
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7662

Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Asp Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly Leu Leu Arg Asp Ile Leu Thr Gly
            20   25   30

Tyr Leu Pro Pro Leu Gly Tyr Trp Gly Arg Gly
        35   40

<210> 7663
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7663
aagaactcac tgtatctgca aatgaacagc ctgagagacg aggacacggc tgtgtattac 60

tgtgcgagag gacttctacg ggatattttg actggttatc tccccccttt ggggtactgg 120

ggccaggga 129

<210> 7664
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7664

Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Asp Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg Gly Leu Leu Arg Asp Ile Leu Thr Gly
            20   25   30

Tyr Leu Pro Pro Leu Gly Tyr Trp Gly Gln Gly
        35   40

<210> 7665
<211> 17
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7665

Cys Thr Arg Pro Ala Glu Asn Tyr Tyr Gly Ser Gly Ser Tyr Gly Tyr
1 5 10 15

Trp

<210> 7666
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7666
gatgattcaa tcaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc 60

gtgtattact gtactagacc cgcggaaaat tactatggtt cggggagtta tggctactgg 120

ggccaggga 129

<210> 7667
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7667

Asp Asp Ser Ile Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Pro Ala Glu Asn Tyr Tyr
20 25 30

Gly Ser Gly Ser Tyr Gly Tyr Trp Gly Gln Gly

35 40

<210> 7668
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7668
gatgattcaa agaacacggc gtatctgcaa atgaacagcc tgaaaaccga ggacacggcc 60

gtgtattact gtactagacc cgcggaaaat tactatggtt cggggagtta tggctactgg 120

ggccaggga 129

<210> 7669
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7669

Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg Pro Ala Glu Asn Tyr Tyr
20 25 30

Gly Ser Gly Ser Tyr Gly Tyr Trp Gly Gln Gly
35 40

<210> 7670
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7670

Cys Ala His Gly Ser Gly Trp Thr Thr Phe Asp Tyr Trp
1 5 10

<210> 7671
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7671
caccatcacc aaggacacct ccaaaaccag gtggtcctta caatgaccaa catggaccct 60

gtggacacag ccacatatta ctgtgcacac ggcagtggct ggaccacctt tgactactgg 120

ggccaggga 129

<210> 7672
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7672

His His His Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr
1 5 10 15

Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Ser
            20 25 30

Gly Trp Thr Thr Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 7673
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7673
accatcacca aggacacctc caaaaaccag gtggtcctta caatgaccaa catggaccct 60

gtggacacag ccacatatta ctgtgcacac ggcagtggct ggaccacctt tgactactgg 120

ggccaggga 129

<210> 7674
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7674

Thr Ile Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr
1 5 10 15

Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Ser
20 25 30

Gly Trp Thr Thr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7675
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7675

Cys Ala Arg Glu Glu Arg Ile Trp Trp Glu Leu Leu Gly Tyr Phe Gln
1 5 10 15

His Trp

<210> 7676

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7676
acgtccatca gtacagccta catggagctg agcaggctga gatctgacga cacggccgtg 60

tattactgtg cgagagaaga gaggatctgg tgggagctac tcggatactt ccagcactgg 120

ggccagggc 129

<210> 7677
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7677

Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu Arg Ser Asp
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Glu Arg Ile Trp Trp Glu
20 25 30

Leu Leu Gly Tyr Phe Gln His Trp Gly Gln Gly
35 40

<210> 7678
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7678
acgtccatca gcacagccta catggagctg agcaggctga gatctgacga cacggccgtg 60

tattactgtg cgagagaaga gaggatctgg tgggagctac tcggatactt ccagcactgg 120

ggccagggc 129

<210> 7679
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7679

Cys Ala Lys Asp Ile Gly Val Ile Trp Gln Tyr Gly Met Asp Val Trp
1 5 10 15

<210> 7680
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7680
agagacaacg ccaagaactc cctgtatctg caaatgaaca gtctgagagc tgaggacacg 60

gccttgtatt actgtgcaaa agatattggg gtgatatggc agtacggtat ggacgtttgg 120

ggccaaggg 129

<210> 7681
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7681

Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Ile Gly Val Ile
20 25 30

Trp Gln Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7682
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7682
agagacaacg ccaagaactc cctgtatctg caaatgaaca gtctgagagc tgaggacacg 60

gccttgtatt actgtgcaaa agatattggg gtgatatggc agtacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7683
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7683

Cys Ala Arg Gly Arg Gly Pro Tyr Ile Val Val Val Val Ala Ala Pro
1   5   10   15

Ser Arg Trp Phe Asp Pro Trp
            20

<210> 7684
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7684
ttctccctga agctgagctt tgtgaccgcc gcggacacgg ctgtgtatta ctgtgcgaga 60

ggccggggcc cttatattgt agtggtggta gctgcccccct cgaggtggtt cgacccctgg 120

ggccaggga 129

<210> 7685
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7685

Phe Ser Leu Lys Leu Ser Phe Val Thr Ala Ala Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Gly Arg Gly Pro Tyr Ile Val Val Val Val Ala Ala
20 25 30

Pro Ser Arg Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7686
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7686
ttctccctga agctgagctc tgtgaccgcc gcggacacgg ctgtgtatta ctgtgcgaga 60

ggccggggcc cttatattgt agtggtggta gctgcccccct cgaggtggtt cgacccctgg 120

ggccaggga 129

<210> 7687
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7687

Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Gly Arg Gly Pro Tyr Ile Val Val Val Val Ala Ala
20 25 30

Pro Ser Arg Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7688
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7688

Cys Thr Thr Glu Leu Gly Tyr Cys Thr Ser Pro Ser Cys Ser Tyr Trp
1 5 10 15

<210> 7689
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7689
agagatgact caaaaaacac gctgtatctg caaatgaaca gcctgaagac cgacgacaca 60

gccatatatt actgtaccac agagttaggg tattgtacta gtcccagctg ctcttactgg 120

ggccaggga 129

<210> 7690
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7690

Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys
1   5   10   15

Thr Asp Asp Thr Ala Ile Tyr Tyr Cys Thr Thr Glu Leu Gly Tyr Cys
            20   25   30

Thr Ser Pro Ser Cys Ser Tyr Trp Gly Gln Gly
        35   40

<210> 7691
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7691
agagatgact caaaaaacac gctgtatctg caaatgaaca gcctgaaaac cgacgacaca   60

gccatatatt actgtaccac agagttaggg tattgtacta gtcccagctg ctcttactgg   120

ggccaggga   129

<210> 7692
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7692

Cys Ala Arg Gly Gly Cys Gly Gly Asp Cys Ser Asp Tyr Tyr Tyr Gly
1   5   10   15

Met Asp Val Trp
            20

<210> 7693
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7693
tacaacacgc tgtatcttca aatgaacagc ctgagagccg aggacacggc cgtgtattac 60

tgtgcgagag ggggttgtgg tggtgattgc tcagactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7694
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7694

Tyr Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly Gly Cys Gly Gly Asp Cys Ser Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7695
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7695
aagaacacgc tgtatcttca aatgaacagc ctgagagccg aggacacggc cgtgtattac 60

tgtgcgagag ggggttgtgg tggtgattgc tcagactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7696
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7696

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly Gly Cys Gly Gly Asp Cys Ser Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7697
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7697

Cys Ala Arg Asp Gln Arg Tyr Arg Ser Ser Ser His Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 7698
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7698
aacacgctgt atcttcaaat gaacagcctg agagccgagg acacggccgt gtattactgt 60

gcgagagatc agcggtatag gagcagctcc cactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7699
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7699

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Asp Gln Arg Tyr Arg Ser Ser Ser His Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7700
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7700
tacacgctgt atcttcaaat gaacagcctg agagccgagg acacggccgt gtattactgt 60

gcgagagatc agcggtatag gagcagctcc cactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7701

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7701

Tyr Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Gln Arg Tyr Arg Ser Ser Ser His Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7702
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7702

Cys Ala Gln Thr Ala Gly Ser Arg Arg Pro Phe Asp Ser Trp
1 5 10

<210> 7703
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7703
catcaccaag gacacctcca aaatgaggtg gtcctcacaa tgaccaacat ggaccctgtg 60

gacacagcca catatcactg tgcacagacg gcgggctccc gaagaccatt tgactcctgg 120

ggccaggga 129

<210> 7704
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7704

His His Gln Gly His Leu Gln Asn Glu Val Val Leu Thr Met Thr Asn
1   5   10   15

Met Asp Pro Val Asp Thr Ala Thr Tyr His Cys Ala Gln Thr Ala Gly
            20   25   30

Ser Arg Arg Pro Phe Asp Ser Trp Gly Gln Gly
        35   40

<210> 7705
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7705
atcaccaagg acacctccaa aaatgaggtg gtcctcacaa tgaccaacat ggaccctgtg   60

gacacagcca catatcactg tgcacagacg gcgggctccc gaagaccatt tgactcctgg   120

ggccaggga   129

<210> 7706
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7706

Ile Thr Lys Asp Thr Ser Lys Asn Glu Val Val Leu Thr Met Thr Asn

1 5 10 15

Met Asp Pro Val Asp Thr Ala Thr Tyr His Cys Ala Gln Thr Ala Gly
20 25 30

Ser Arg Arg Pro Phe Asp Ser Trp Gly Gln Gly
35 40

<210> 7707
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7707

Cys Ala Arg Asp Arg Asp Ile Ala Ala Ala Gly Thr His Asp Tyr Trp
1 5 10 15

<210> 7708
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7708
agagacaacg ccaagaacac gctgtatctg caaatgaaca gtctgagagc cgaggacacg 60

gctgtgtatt actgtgcaag agatagggat atagcagcag ctggtacgca tgactactgg 120

ggccaggga 129

<210> 7709
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7709

```
Arg Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1               5                   10                  15


Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Asp Ile Ala
            20                  25                  30


Ala Ala Gly Thr His Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  7710
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  7710
gatcacaacg ccaagaacac gctgtatctg caaatgaaca gtctgagagc cgaggacacg       60

gctgtgtatt actgtgcaag agatagggat atagcagcag ctggtacgca tgactactgg      120

ggccaggga                                                              129


<210>  7711
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  7711

Asp His Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1               5                   10                  15


Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Asp Ile Ala
            20                  25                  30


Ala Ala Gly Thr His Asp Tyr Trp Gly Gln Gly
        35                  40
```

<210> 7712
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7712

Cys Ala Arg Gly His Asp Ser Ser Arg Ser Tyr Gly Met Asp Val Trp
1 5 10 15

<210> 7713
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7713
tggaacacct ccataagcac agcctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag aggccacgac agcagccgga gctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7714
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7714

Trp Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly His Asp Ser Ser
20 25 30

Arg Ser Tyr Gly Met Asp Val Trp Gly Gln Gly

35 40

<210> 7715
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7715
aggaacacct ccataagcac agcctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag aggccacgac agcagccgga gctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7716
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7716

Arg Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly His Asp Ser Ser
20 25 30

Arg Ser Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7717
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7717

Cys Ala Arg Ile Phe Gly Tyr Asn Ser Phe Asp Tyr Trp
1 5 10

<210> 7718
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7718
accatctcca aggacgcctc caaaaaccag gtggtcctta caatgaccaa catggaccct 60

gtggacacag ccacgtatta ctgtgcgcgg atatttggct acaattcgtt tgactactgg 120

ggccaggga 129

<210> 7719
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7719

Thr Ile Ser Lys Asp Ala Ser Lys Asn Gln Val Val Leu Thr Met Thr
1 5 10 15

Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ile Phe
            20 25 30

Gly Tyr Asn Ser Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 7720
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7720
accatctcca aggacacctc caaaaaccag gtggtcctta caatgaccaa catggaccct 60

gtggacacag ccacgtatta ctgtgcacgg atatttggct acaattcgtt tgactactgg 120

ggccaggga 129

<210> 7721
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7721

Thr Ile Ser Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr
1 5 10 15

Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ile Phe
20 25 30

Gly Tyr Asn Ser Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7722
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7722

Cys Ala Lys Val Pro Ile Thr Met Val Arg Gly Val Arg Arg Asn His
1 5 10 15

Asn Trp Phe Asp Pro Trp
20

<210> 7723

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7723
tcgatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaggttccca ttactatggt tcggggagtc cgccgaaacc acaactggtt cgacccctgg 120

ggccaggga 129

<210> 7724
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7724

Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

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

Asn His Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7725
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7725
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaggttccca ttactatggt tcggggagtc cgccgaaacc acaactggtt cgacccctgg 120

ggccaggga 129

<210> 7726
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7726

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

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

Asn His Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7727
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7727

Cys Ala Lys Ala Met Thr Thr Val Thr Thr Gly Tyr Trp Gly Phe Asp
1 5 10 15

Asn Trp

<210> 7728
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7728
aacgccaaga agtctctgta tctgcaaatg aacagtctga gagctgagga cacggccttg 60

tattactgtg caaaagccat gactaccgtg accacgggtt attggggctt tgacaactgg 120

ggccaggga 129

<210> 7729
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7729

Asn Ala Lys Lys Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Ala Met Thr Thr Val Thr Thr
20 25 30

Gly Tyr Trp Gly Phe Asp Asn Trp Gly Gln Gly
35 40

<210> 7730
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7730
aacgccaaga actctctgta tctgcaaatg aacagtctga gagctgagga cacggccttg 60

tattactgtg caaaagccat gactacggtg actacgggtt attggggctt tgacaactgg 120

ggccaggga 129

<210> 7731
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7731

Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1   5   10   15

Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Ala Met Thr Thr Val Thr Thr
            20   25   30

Gly Tyr Trp Gly Phe Asp Asn Trp Gly Gln Gly
        35   40

<210> 7732
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7732

Cys Ala Arg His Trp Tyr Ser Ser Gly Leu Lys Arg Val Gly Asn Tyr
1   5   10   15

Phe Asp Tyr Trp
            20

<210> 7733
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7733
caagaaccag tctccctgaa gctgagctct gtgaccgccg cagacacggc tgtgtattac   60

tgtgcgagac actggtatag cagtggatta aaaagggtgg ggaactactt tgactactgg   120

ggccaggga 129

<210> 7734
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7734

Gln Glu Pro Val Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg His Trp Tyr Ser Ser Gly Leu Lys Arg
20 25 30

Val Gly Asn Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7735
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7735
aagaaccagt tctccctgaa gctgagctct gtgaccgccg cagacacggc tgtgtattac 60

tgtgcgagac actggtatag cagtggatta aaaagggtgg ggaactactt tgactactgg 120

ggccaggga 129

<210> 7736
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7736

Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg His Trp Tyr Ser Ser Gly Leu Lys Arg
            20   25   30

Val Gly Asn Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7737
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7737

Cys Ala Ser Glu Ala Cys Ser Ser Thr Ser Cys Tyr Ser Gly Thr Ala
1   5   10   15

His Asp Tyr Trp
            20

<210> 7738
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7738
acgagcacag cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattgc 60

tgtgcgagtg aagcttgtag tagtaccagc tgctattcgg gtacagctca tgactactgg 120

ggccaggga 129

<210> 7739
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7739

Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1   5   10   15

Ala Val Tyr Cys Cys Ala Ser Glu Ala Cys Ser Ser Thr Ser Cys Tyr
            20   25   30

Ser Gly Thr Ala His Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7740
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7740
acgagcacag cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac   60

tgtgcgagtg aagcttgtag tagtaccagc tgctattcgg gtacagctca tgactactgg   120

ggccaggga   129

<210> 7741
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7741

Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Ser Glu Ala Cys Ser Ser Thr Ser Cys Tyr

20 25 30

Ser Gly Thr Ala His Asp Tyr Trp Gly Gln Gly
35 40

<210> 7742
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7742

Cys Ala Arg Asn Val Glu Arg Asn Ala Phe Asp Ile Trp
1 5 10

<210> 7743
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7743
caccatctcc aaggacacct ccaaaaccag gtggtcctta caatgaccaa catggaccct 60

gtggacacag ccacgtatta ctgtgcacgg aacgtagaga gaaatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7744
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7744

His His Leu Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr
1 5 10 15

Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Asn Val
            20   25   30

Glu Arg Asn Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 7745
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7745
accatctcca aggacacctc caaaaaccag gtggtcctta caatgaccaa catggaccct 60

gtggacacag ccacgtatta ctgtgcacgg aacgtagaga gaaatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7746
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7746

Thr Ile Ser Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr
1   5   10   15

Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Asn Val
            20   25   30

Glu Arg Asn Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 7747
<211> 17
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7747

Cys Val Lys Gly Thr Phe Ser Thr Thr Leu Gly Thr His Leu Asp Ser
1   5   10   15

Trp

<210> 7748
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7748
gacgacgcca ataactccct gtttctacaa atgaacagtc tgagaagtga ggacacggcc   60

ctctattcct gtgtaaaagg gacatttagc accaccttgg ggacccacct tgactcctgg   120

ggccaggga   129

<210> 7749
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7749

Asp Asp Ala Asn Asn Ser Leu Phe Leu Gln Met Asn Ser Leu Arg Ser
1   5   10   15

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

Leu Gly Thr His Leu Asp Ser Trp Gly Gln Gly

35 40

<210> 7750
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7750
gacgacgcca agaactccct gtttctacaa atgaacagtc tgagaagtga ggacacggcc 60

ctctattcct gtgtaaaagg gacatttagc accaccttgg ggacccacct tgactcctgg 120

ggccaggga 129

<210> 7751
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7751

Asp Asp Ala Lys Asn Ser Leu Phe Leu Gln Met Asn Ser Leu Arg Ser
1 5 10 15

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

Leu Gly Thr His Leu Asp Ser Trp Gly Gln Gly
35 40

<210> 7752
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7752

Cys Ala Lys Gly Gly Thr Asp Arg Ile Ala Ala Ala Gly Pro Pro Arg
1 5 10 15

Pro Gly Asp Tyr Tyr Tyr Gly Met Asp Val Trp
20 25

<210> 7753
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7753
ttgaacagcc tgagagccga ggacacggcc gtatattact gcgcgaaagg agggacggac 60

cgtatagcag cagctggacc accccgcccc ggtgactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7754
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7754

Leu Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
1 5 10 15

Gly Gly Thr Asp Arg Ile Ala Ala Ala Gly Pro Pro Arg Pro Gly Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7755
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7755
atgaacagcc tgagagccga ggacacggcc gtatattact gtgcgaaagg agggacggac 60

cgtatagcag cagctggacc accccgcccc ggtgactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7756
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7756

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
1 5 10 15

Gly Gly Thr Asp Arg Ile Ala Ala Ala Gly Pro Pro Arg Pro Gly Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7757
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7757

Cys Ala Arg Gly Ala Tyr Cys Gly Gly Asp Cys Leu Val Phe Leu Arg
1 5 10 15

Asn Leu Phe Ser Trp Phe Asp Pro Trp

20 25

<210> 7758
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7758
ttggagctga gcagcctgag atctgaggac acggccgtgt attactgtgc gagaggggca 60

tattgtggtg gtgactgctt agtattccta cggaatctct tcagctggtt cgacccctgg 120

ggccaggga 129

<210> 7759
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7759

Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

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

Leu Phe Ser Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7760
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7760

atggagctga gcagcctgag atctgaggac acggccgtgt attactgtgc gagaggggca 60

tattgtggtg gtgactgctt agtattccta cggaatctct tcagctggtt cgacccctgg 120

ggccaggga 129

<210> 7761
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7761

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

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

Leu Phe Ser Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7762
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7762

Cys Ala Ser Ile Ala Tyr Ser Ser Ser Arg Tyr Gly Leu Tyr Ala Phe
1 5 10 15

Asp Ile Trp

<210> 7763
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7763
gccaagaact cgctgtatct gcaaatgaac agtctgagag ccgaggacac ggctgtgtat 60

tactgtgcaa gtatcgcgta tagcagcagc cggtacgggt tgtatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7764
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7764

Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Ser Ile Ala Tyr Ser Ser Ser Arg Tyr
20 25 30

Gly Leu Tyr Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7765
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7765
gccaagaaca cgctgtatct gcaaatgaac agtctgagag ccgaggacac ggctgtgtat 60

tactgtgcaa gtatcgcgta tagcagcagc cggtacgggt tgtatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7766
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7766

Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Ser Ile Ala Tyr Ser Ser Ser Arg Tyr
            20   25   30

Gly Leu Tyr Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 7767
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7767

Cys Thr Thr Asp Arg Trp Tyr Ser Ser Ser Trp Gly Ser Gly Gly Phe
1   5   10   15

Asp Tyr Trp

<210> 7768
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7768

tcaaaaagca cgctgtatct gcaaatgaac agcctgaaaa ccgaggacac agccgtgtgt 60

tactgtacca cagataggtg gtatagcagc agctggggat cgggggggctt tgactactgg 120

ggccaggga 129

<210> 7769
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7769

Ser Lys Ser Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp
1 5 10 15

Thr Ala Val Cys Tyr Cys Thr Thr Asp Arg Trp Tyr Ser Ser Ser Trp
20 25 30

Gly Ser Gly Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7770
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7770
tcaaaaaaca cgctgtatct gcaaatgaac agcctgaaaa ccgaggacac agccgtgtat 60

tactgtacca cagataggtg gtatagcagc agctggggat cgggggggctt tgactactgg 120

ggccaggga 129

<210> 7771
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7771

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Thr Thr Asp Arg Trp Tyr Ser Ser Ser Trp
            20   25   30

Gly Ser Gly Gly Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7772
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7772

Cys Ala Lys Asp Leu Ser Val Trp Gln Trp Leu Val Leu Gly Phe Asp
1   5   10   15

Tyr Trp

<210> 7773
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7773
aattccaaga acacgctgta tctgcaaatg aacagcctgg gagccgagga cacggccgta   60

tattactgtg cgaaagatct ttccgtatgg cagtggctgg tgctgggctt tgattactgg   120

ggccaggga   129

<210> 7774
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7774

Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Gly Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Ser Val Trp Gln Trp
20 25 30

Leu Val Leu Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7775
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7775
aattccaaga acacgctgta tctgcaaatg aacagcctga gagccgagga cacggccgta 60

tattactgtg cgaaagatct ttccgtatgg cagtggctgg tgctgggctt tgactactgg 120

ggccaggga 129

<210> 7776
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7776

Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu

1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Ser Val Trp Gln Trp
20 25 30

Leu Val Leu Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7777
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7777

Cys Ala Arg Ala Ser Pro Gly Ala Trp Gly Asp Trp Phe Asp Pro Trp
1 5 10 15

<210> 7778
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7778
caaggacacc tccaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcacg cgcatcccct ggggcgtggg gggactggtt cgacccctgg 120

ggccaggga 129

<210> 7779
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7779

```
Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1               5                   10                  15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ala Ser Pro Gly Ala
            20                  25                  30

Trp Gly Asp Trp Phe Asp Pro Trp Gly Gln Gly
        35                  40
```

<210> 7780
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7780

```
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca       60

gccacatatt actgtgcacg cgcatcccct ggggcgtggg gggactggtt cgacccctgg      120

ggccaggga                                                              129
```

<210> 7781
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7781

```
Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1               5                   10                  15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ala Ser Pro Gly Ala
            20                  25                  30

Trp Gly Asp Trp Phe Asp Pro Trp Gly Gln Gly
        35                  40
```

<210> 7782
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7782

Cys Ala His Arg Leu Phe Gly Ser Ser Trp Gly Glu Trp
1 5 10

<210> 7783
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7783
caccatcacc aaggacacct ccaaaaccag gtgatcctta cagtgaccaa catggaccct 60

gtggacacag ccacatatta ctgtgcacac agacttttg gcagcagctg gggggagtgg 120

ggccaggga 129

<210> 7784
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7784

His His His Gln Gly His Leu Gln Asn Gln Val Ile Leu Thr Val Thr
1 5 10 15

Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Leu
20 25 30

Phe Gly Ser Ser Trp Gly Glu Trp Gly Gln Gly

35 40

<210> 7785
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7785
accatcacca aggacacctc caaaaaccag gtgatcctta cagtgaccaa catggaccct 60

gtggacacag ccacatatta ctgtgcacac agacttttg gcagcagctg gggggagtgg 120

ggccaggga 129

<210> 7786
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7786

Thr Ile Thr Lys Asp Thr Ser Lys Asn Gln Val Ile Leu Thr Val Thr
1 5 10 15

Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Leu
20 25 30

Phe Gly Ser Ser Trp Gly Glu Trp Gly Gln Gly
35 40

<210> 7787
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7787

```
Cys Ala Arg Arg Ala Gly Ala Gln Leu Val Arg His Asp Ser Tyr Tyr
1               5                   10                  15


Phe Asp Tyr Trp
            20
```

<210> 7788
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7788

```
acgagcacag cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac       60

tgtgcgagac gggccggggc gcagctcgtc cgccacgact cttactactt tgactactgg      120

ggccaggga                                                              129
```

<210> 7789
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7789

```
Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1               5                   10                  15


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


Asp Ser Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35                  40
```

<210> 7790
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7790
acgaccacag cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgagac gggccggggc gcagctcgtc cgccacgact cttactactt tgactactgg 120

ggccaggga 129

<210> 7791
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7791

Thr Thr Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1 5 10 15

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

Asp Ser Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7792
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7792

Cys Ala Ser Arg Arg Glu Asp Ile Val Val Val Val Ala Ala His Asp
1 5 10 15

Ala Phe Asp Ile Trp

20

<210> 7793
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7793
agcactgcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagccgcc gagaggatat tgtagtggtg gtagctgctc atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7794
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7794

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Ser Arg Arg Glu Asp Ile Val Val Val Val Ala
20 25 30

Ala His Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7795
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7795

agcacagcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagccgcc gagaggatat tgtagtggtg gtagctgctc atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7796
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7796

Cys Ala Ile Arg Lys Leu Thr Gly Asp Thr Arg Asp Ala Phe Asp Ile
1 5 10 15

Trp

<210> 7797
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7797
gacaggtcca agaaccagtt ctccctgaag ctgagctctg tgaccgccgc ggacacggcc 60

gtgtattact gtgccatacg aaagctaact ggggacaccc gtgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7798
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7798

```
Asp Arg Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala
1               5                   10                  15


Ala Asp Thr Ala Val Tyr Tyr Cys Ala Ile Arg Lys Leu Thr Gly Asp
            20                  25                  30


Thr Arg Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35                  40
```

<210> 7799
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7799

```
gacaggtcca agaaccagtt ctccctgaag ctgagccctg tgaccgccgc ggacacggcc       60

gtgtattact gtgccatacg aaagctaact ggggacaccc gtgatgcttt tgatatctgg      120

ggccaaggg                                                              129
```

<210> 7800
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7800

```
Asp Arg Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Pro Val Thr Ala
1               5                   10                  15


Ala Asp Thr Ala Val Tyr Tyr Cys Ala Ile Arg Lys Leu Thr Gly Asp
            20                  25                  30


Thr Arg Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35                  40
```

<210> 7801
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7801

Cys Ala Lys Asp Ile Gly Tyr Ser Ser Ser Trp Ser Phe Asp Tyr Trp
1   5   10   15

<210> 7802
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7802
agagacaaca gcaaaaactc cctgtatctg caaatgaaca gtctgagaac tgaggacacc   60

gccttgtatt actgtgcaaa ggatatcggc tatagcagca gctggtcctt tgactactgg   120

ggccaggga   129

<210> 7803
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7803

Arg Asp Asn Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Thr Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Ile Gly Tyr Ser
            20   25   30

Ser Ser Trp Ser Phe Asp Tyr Trp Gly Gln Gly

35 40

<210> 7804
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7804
agagacaaca gcaaaaactc cctgtatctg caaatgaaca gtctgagaac tgaggacacc 60

gccttgtatt actgtgcaaa agatatcggc tatagcagca gctggtcctt tgactactgg 120

ggccaggga 129

<210> 7805
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7805

Cys Ala Lys Gly Asp Ser Gly Ser Tyr Tyr Gly Ser Ser Tyr Phe Asp
1 5 10 15

Tyr Trp

<210> 7806
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7806
aacgccaaga actccctgta tctgcaaatg aacagtctga gagctgagga cacggccttg 60

tattactgtg caaaagggga tagtgggagc tactacgggt cgtcctactt tgactactgg 120

ggccaggga 129

<210> 7807
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7807

Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Gly Asp Ser Gly Ser Tyr Tyr
20 25 30

Gly Ser Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7808
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7808
aacgccaaga actccctgta tctgcaaatg aacagtctga gagctgagga cacggccctg 60

tattactgtg caaaagggga tagtgggagc tactacgggt cgtcctactt tgactactgg 120

ggccaggga 129

<210> 7809
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7809

```
Cys Ala Arg Thr Ala Leu Gly Asp Gly Tyr Asn Thr Gly Trp Tyr Phe
1               5                   10                  15


Asp Leu Trp
```

<210> 7810
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7810

```
tccaaaagcc aggtggtcct taccatgacc aacatggacc ctgtggacac agccacatat       60

tactgtgcac ggacagccct gggagatggc tacaatacgg gctggtactt cgatctctgg      120

ggccgtggc                                                              129
```

<210> 7811
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7811

```
Ser Lys Ser Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp
1               5                   10                  15


Thr Ala Thr Tyr Tyr Cys Ala Arg Thr Ala Leu Gly Asp Gly Tyr Asn
            20                  25                  30


Thr Gly Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35                  40
```

<210> 7812
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7812
ctccaaagcc aggtggtcct taccatgacc aacatggacc ctgtggacac agccacatat 60

tactgtgcac ggacagccct gggagatggc tacaatacgg gctggtactt cgatctctgg 120

ggccgtggc 129

<210> 7813
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7813

Leu Gln Ser Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp
1 5 10 15

Thr Ala Thr Tyr Tyr Cys Ala Arg Thr Ala Leu Gly Asp Gly Tyr Asn
20 25 30

Thr Gly Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 7814
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7814

Cys Ala Trp Asn Ser Asp Tyr Asp Leu Gly Gly Asp Tyr Trp
1 5 10

<210> 7815

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7815
attaccgcgg acaaatccac gagcacagcc tacatggaat tgagcagcct gagttctgag 60

gacacggccg tatattactg tgcgtggaat agtgactacg atttgggggg tgactactgg 120

ggccaggga 129

<210> 7816
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7816

Ile Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Ser Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Trp Asn Ser Asp
20 25 30

Tyr Asp Leu Gly Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 7817
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7817
attaccgcgc acaaatccac gagcacagcc tacatggaat tgagcagcct gagttctgag 60

gacacggccg tatattactg tgcgtggaat agtgactacg atttgggggg tgactactgg 120

ggccaggga 129

<210> 7818
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7818

Ile Thr Ala His Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Ser Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Trp Asn Ser Asp
20 25 30

Tyr Asp Leu Gly Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 7819
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7819

Cys Ala His Ser Thr Tyr Ser Ser Ser Pro Gly Gly Met Asp Val Trp
1 5 10 15

<210> 7820
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7820
caaggacacc tccaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cagtacgtat agcagctcac ccggcggtat ggacgtctgg 120

ggccaaggg 129

<210> 7821
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7821

Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Thr Tyr Ser Ser
20 25 30

Ser Pro Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7822
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7822
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cagtacgtat agcagctcac ccggcggtat ggacgtctgg 120

ggccaaggg 129

<210> 7823
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7823

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Thr Tyr Ser Ser
20 25 30

Ser Pro Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7824
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7824

Cys Ala Lys Gly Gly Ser Leu Trp Phe Gly Asp His Pro Trp
1 5 10

<210> 7825
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7825
atctccatag ataattccaa gaacacgctt tatctgcata tgaacagtct gagagccgac 60

gacacggccg tatattactg tgcgaaaggg ggctcactct ggttcgggga ccacccctgg 120

ggccaggga 129

<210> 7826
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7826

Ile Ser Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu His Met Asn Ser
1   5   10   15

Leu Arg Ala Asp Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly Ser
            20   25   30

Leu Trp Phe Gly Asp His Pro Trp Gly Gln Gly
        35   40

<210> 7827
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7827
atctccagag ataattccaa gaacacgctt tatctgcata tgaacagtct gagagccgac   60

gacacggccg tatattactg tgcgaaaggg ggctcactct ggttcgggga ccacccctgg   120

ggccaggga   129

<210> 7828
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7828

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu His Met Asn Ser
1   5   10   15

Leu Arg Ala Asp Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly Ser
            20   25   30

Leu Trp Phe Gly Asp His Pro Trp Gly Gln Gly
35 40

<210> 7829
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7829

Cys Ala Arg Gly Phe Ile Ala Ala Ala Trp Arg Gly Gly Phe Asp Tyr
1 5 10 15

Trp

<210> 7830
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7830
gacaatgcca agaactcact gtatctgcaa atgaacagcc tgagagacga ggacacggct 60

gtgtattact gtgcgagagg ctttatagca gcagcttgga ggggggggctt tgactactgg 120

ggccaggga 129

<210> 7831
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7831

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Asp

1 5 10 15

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

Trp Arg Gly Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7832
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7832
gacaatgcca acaactcact gtatctgcaa atgaacagcc tgagagacga ggacacggct 60

gtgtattact gtgcgagagg ctttatagca gcagcttgga ggggggggctt tgactactgg 120

ggccaggga 129

<210> 7833
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7833

Asp Asn Ala Asn Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Asp
1 5 10 15

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

Trp Arg Gly Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7834

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7834

Cys Val Arg Ala Ala Gly Tyr Ser Ser Gly Trp Ile Asp Tyr Trp
1 5 10 15

<210> 7835
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7835
aaccccgaca catccaagaa ccaattctcc ctgcagctga actctgtgac tcccgaggac 60

acggctgttt attactgtgt aagagccgcc gggtatagca gtggctggat tgactactgg 120

ggccgggga 129

<210> 7836
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7836

Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser Val
1 5 10 15

Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Ala Ala Gly Tyr
20 25 30

Ser Ser Gly Trp Ile Asp Tyr Trp Gly Arg Gly
35 40

<210> 7837
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7837
aaccccgaca catccaagaa ccaattctcc ctgcagctga actctgtgac tcccgaggac 60

acggctgttt attactgtgt aagagccgcc gggtatagca gtggctggat tgactactgg 120

ggccaggga 129

<210> 7838
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7838

Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser Val
1   5   10   15

Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Ala Ala Gly Tyr
            20   25   30

Ser Ser Gly Trp Ile Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7839
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7839

Cys Ala Arg Gly Pro Leu Arg Glu Ser Ala Ala Gly Thr Val Asp Tyr

1 5 10 15

Tyr Tyr Gly Met Asp Val Trp
20

<210> 7840
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7840
gcctacttgg agctgagcag cctgagatct gaggacacgg ccgtgtatta ctgtgcgaga 60

ggcccgttgc gagagtcagc agctggtacg gtagactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7841
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7841

Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Gly Pro Leu Arg Glu Ser Ala Ala Gly Thr Val Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7842
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7842
gcctacatgg agctgagcag cctgagatct gaggacacgg ccgtgtatta ctgtgcgaga 60

ggcccgttgc gagagtcagc agctggtacg gtagactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7843
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7843

Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
1   5   10   15

Tyr Cys Ala Arg Gly Pro Leu Arg Glu Ser Ala Ala Gly Thr Val Asp
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7844
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7844

Cys Val Arg Arg Ala Asn Asn Gly Ile Gly Ser Gln His Phe Phe Asp
1   5   10   15

Tyr Trp

<210> 7845
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7845
acgtccgtca acacagccta catggggctg agcaggctga gatctgacga cacggccgtg 60

tattattgtg tgaggcgagc aaacaacggt atagggagtc agcacttctt tgactactgg 120

ggccaggga 129

<210> 7846
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7846

Thr Ser Val Asn Thr Ala Tyr Met Gly Leu Ser Arg Leu Arg Ser Asp
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Val Arg Arg Ala Asn Asn Gly Ile Gly
            20 25 30

Ser Gln His Phe Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 7847
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7847
acgtccgtca acacagccta catggagctg agcaggctga gatctgacga cacggccgtg 60

tattattgtg tgaggcgagc aaacaacggt atagggagtc agcacttctt tgactactgg 120

ggccaggga 129

<210> 7848
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7848

Thr Ser Val Asn Thr Ala Tyr Met Glu Leu Ser Arg Leu Arg Ser Asp
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Val Arg Arg Ala Asn Asn Gly Ile Gly
20 25 30

Ser Gln His Phe Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7849
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7849

Cys Ala Ser Asp Pro Asp Tyr Gly Gly Lys Ser Tyr Phe Asp Asn Trp
1 5 10 15

<210> 7850
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7850

agagacaacg ccaagaatac gctctttctg caaatgaaca gtctgagagc cgaggacacg 60

tctgtgtatt attgtgcaag cgatcccgac tacggtggta agagctactt tgacaactgg 120

ggccaggga 129

<210> 7851
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7851

Arg Asp Asn Ala Lys Asn Thr Leu Phe Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ser Val Tyr Tyr Cys Ala Ser Asp Pro Asp Tyr Gly
20 25 30

Gly Lys Ser Tyr Phe Asp Asn Trp Gly Gln Gly
35 40

<210> 7852
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7852
agagacaacg ccaagaatac gcccttctg caaatgaaca gtctgagagc cgaggacacg 60

tctgtgtatt attgtgcaag cgatcccgac tacggtggta agagctactt tgacaactgg 120

ggccaggga 129

<210> 7853
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7853

Arg Asp Asn Ala Lys Asn Thr Pro Phe Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ser Val Tyr Tyr Cys Ala Ser Asp Pro Asp Tyr Gly
            20   25   30

Gly Lys Ser Tyr Phe Asp Asn Trp Gly Gln Gly
        35   40

<210> 7854
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7854

Cys Ala Arg Ala Ser Ala Arg Pro Gly Val Ala Thr Asn Leu Asp Phe
1   5   10   15

Trp

<210> 7855
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7855
gacacctctg tcagcacgac atatctgcat atcagcagcc taaaggctga ggacactgcc   60

gtatattact gtgcgagagc gtctgcgcgt ccgggtgttg caacaaactt agacttctgg   120

ggccaggga   129

<210> 7856
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7856

Asp Thr Ser Val Ser Thr Thr Tyr Leu His Ile Ser Ser Leu Lys Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Ser Ala Arg Pro Gly
20 25 30

Val Ala Thr Asn Leu Asp Phe Trp Gly Gln Gly
35 40

<210> 7857
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7857
gacacctctg tcagcacgac atatctgcac atcagcagcc taaaggctga ggacactgcc 60

gtatattact gtgcgagagc gtctgcgcgt ccgggtgttg caacaaactt agacttctgg 120

ggccaggga 129

<210> 7858
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7858

Cys Glu Cys Lys Leu Arg Phe Leu Pro Phe Arg Val Tyr Trp

1 5 10

<210> 7859
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7859
aatctcaagc aacacccttt aagtgcagtc tgccttacaa tgaccaatct gaaagccaag 60

gacaaggtca tgtattactg tgagtgcaaa ttacgatttt taccattccg tgtctactgg 120

ggccaggga 129

<210> 7860
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7860

Asn Leu Lys Gln His Pro Leu Ser Ala Val Cys Leu Thr Met Thr Asn
1 5 10 15

Leu Lys Ala Lys Asp Lys Val Met Tyr Tyr Cys Glu Cys Lys Leu Arg
20 25 30

Phe Leu Pro Phe Arg Val Tyr Trp Gly Gln Gly
35 40

<210> 7861
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7861

atctcaagca acacccttt aagtgcagtc tgccttacaa tgaccaatct gaaagccaag 60

gacaaggtca tgtattactg tgagtgcaaa ttacgatttt taccattccg tgtctactgg 120

ggccaggga 129

<210> 7862
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7862

Ile Ser Ser Asn Thr Leu Leu Ser Ala Val Cys Leu Thr Met Thr Asn
1 5 10 15

Leu Lys Ala Lys Asp Lys Val Met Tyr Tyr Cys Glu Cys Lys Leu Arg
20 25 30

Phe Leu Pro Phe Arg Val Tyr Trp Gly Gln Gly
35 40

<210> 7863
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7863

Cys Ala Arg Gly Met Val Arg Gly Ala Asn Arg Asp Val Trp
1 5 10

<210> 7864
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7864
atgaccagga acacctccat aagcacagcc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagaggt atggttcggg gagctaatag ggacgtctgg 120

ggccaaggg 129

<210> 7865
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7865

Met Thr Arg Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Met Val
20 25 30

Arg Gly Ala Asn Arg Asp Val Trp Gly Gln Gly
35 40

<210> 7866
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7866
atgaccagca acacctccat aagcacagcc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagaggt atggttcggg gagctaatag ggacgtctgg 120

ggccaaggg 129

<210> 7867
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7867

Met Thr Ser Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Met Val
20 25 30

Arg Gly Ala Asn Arg Asp Val Trp Gly Gln Gly
35 40

<210> 7868
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7868

Cys Ala Thr Asn Arg Leu Arg Asp Trp Ser Ser Asp Tyr Trp
1 5 10

<210> 7869
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7869
tactccagag ataattccga gaacacggtg tctctgcaaa tgaacagcct gagagccgag 60

gacacggccg tttattactg tgcgacaaat aggctgagag attggtcatc tgactactgg 120

ggccaggga 129

<210> 7870

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7870

Tyr Ser Arg Asp Asn Ser Glu Asn Thr Val Ser Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Asn Arg Leu
20 25 30

Arg Asp Trp Ser Ser Asp Tyr Trp Gly Gln Gly
35 40

<210> 7871
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7871
acctccagag ataattccga gaacacggtg tctctgcaaa tgaacagcct gagagccgag 60

gacacggccg tttattactg tgcgacaaat aggctgagag attggtcatc tgactactgg 120

ggccaggga 129

<210> 7872
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7872

Thr Ser Arg Asp Asn Ser Glu Asn Thr Val Ser Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Asn Arg Leu
            20   25   30

Arg Asp Trp Ser Ser Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7873
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7873

Cys Ala Thr Ala Arg Ile Tyr Glu Pro Tyr Tyr Tyr Tyr Gly Met Asp
1   5   10   15

Val Trp

<210> 7874
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7874
acatctacag acacagccta catggagctg agcagcctga gatctgagga cacggccgtg 60

tattactgtg caacagcaag gatctatgaa ccctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7875
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7875

Thr Ser Thr Asp Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Thr Ala Arg Ile Tyr Glu Pro Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7876
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7876
aaatctacag acacagccta catggagctg agcagcctga gatctgagga cacggccgtg 60

tattactgtg caacagcaag gatctatgaa ccctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7877
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7877

Lys Ser Thr Asp Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Thr Ala Arg Ile Tyr Glu Pro Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly

35 40

<210> 7878
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7878

Cys Ala Arg Asp His Val Ser Gly Tyr Ser Ser Gly Trp Tyr Gly Cys
1 5 10 15

Gly Ile Ala Tyr Trp
20

<210> 7879
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7879
aacacgctgt atctgcaaat gaacagtctg agagccgagg acacggctgt gtattactgt 60

gcaagagacc acgtttccgg gtatagcagt ggctggtatg ggtgtgggat agcctactgg 120

ggccaggga 129

<210> 7880
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7880

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp His Val Ser Gly Tyr Ser Ser Gly Trp
            20   25   30

Tyr Gly Cys Gly Ile Ala Tyr Trp Gly Gln Gly
        35   40

<210> 7881
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7881
gaacacgctg tatctgcaat gaacagtctg agagccgagg acacggctgt gtattactgt 60

gcaagagacc acgtttccgg gtatagcagt ggctggtatg ggtgtgggat agcctactgg 120

ggccaggga 129

<210> 7882
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7882

Glu His Ala Val Ser Ala Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Asp His Val Ser Gly Tyr Ser Ser Gly Trp
            20   25   30

Tyr Gly Cys Gly Ile Ala Tyr Trp Gly Gln Gly
        35   40

<210> 7883
<211> 14
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7883

Cys Ala Arg Ala Pro Gly Ile Ala Ala Ala Gly Val Asp Trp
1   5   10

<210> 7884
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7884
atctccaggg acaacgccaa gaactcactg tatctgcaaa tgtacagcct gagagccgag   60

gacacggccg tgtattactg tgcgagagcc ccgggtatag cggcagccgg ggtagactgg   120

ggccaggga   129

<210> 7885
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7885

Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Tyr Ser
1   5   10   15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Pro Gly
            20   25   30

Ile Ala Ala Ala Gly Val Asp Trp Gly Gln Gly
        35   40

<210> 7886

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7886
atctccaggg acaacgccaa gaactcactg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tgtattactg tgcgagagcc ccgggtatag cagcagccgg ggtagactgg 120

ggccaggga 129

<210> 7887
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7887

Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Pro Gly
20 25 30

Ile Ala Ala Ala Gly Val Asp Trp Gly Gln Gly
35 40

<210> 7888
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7888

Cys Ala Arg Gly Gly Ile Val Gly Ala Thr Ile Gly Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
            20

<210> 7889
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7889
aaccagttct ccctgaagct gagctctgtg accgccgcgg acacggctgt gtattactgt   60

gcgagaggcg ggatagtggg agctactatc ggatactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 7890
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7890

Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Gly Gly Ile Val Gly Ala Thr Ile Gly Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7891
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7891
aaccagtcct ccctgaagct gagctctgtg gccgccgcgg acacggctgt gtattactgt 60

gcgagaggcg ggatagtggg agctactatc ggatactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7892
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7892

Asn Gln Ser Ser Leu Lys Leu Ser Ser Val Ala Ala Ala Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Gly Gly Ile Val Gly Ala Thr Ile Gly Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7893
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7893

Cys Ala Arg Arg Gly Asp Asn Ser Gly Asn Tyr Tyr Val Ser Gly Trp
1 5 10 15

Phe Asp Pro Trp
20

<210> 7894

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7894
aaggaccact tctccctgaa gctgagctct gtgaccgccg cagacacggc tgtttattac 60

tgtgcgagac gaggtgacaa tagtggtaat tactatgtct ccgggtggtt cgacccctgg 120

ggccaggga 129

<210> 7895
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7895

Lys Asp His Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Arg Gly Asp Asn Ser Gly Asn Tyr Tyr
20 25 30

Val Ser Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7896
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7896
aagaaccact tctccctgaa gctgagctct gtgaccgccg cagacacggc tgtttattac 60

tgtgcgagac gaggtgacaa tagtggtaat tactatgtct ccgggtggtt cgacccctgg 120

ggccaggga 129

<210> 7897
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7897

Lys Asn His Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Arg Gly Asp Asn Ser Gly Asn Tyr Tyr
20 25 30

Val Ser Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7898
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7898

Cys Ala Thr His Ser Asp Gly Trp Tyr Gly Lys Gly Tyr Phe Asp Tyr
1 5 10 15

Trp

<210> 7899
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7899
cacaactcca agaacacgtt gtatcttcaa atgaatagcc tgagaggcga ggacacggcc 60

gtgtattact gcgcgaccca tagtgatggc tggtacggga agggctactt tgactattgg 120

ggccagggc 129

<210> 7900
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7900

His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Gly
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr His Ser Asp Gly Trp Tyr
20 25 30

Gly Lys Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7901
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7901
gacaactcca agaacacgtt gtatcttcaa atgaatagcc tgagaggcga ggacacggcc 60

gtgtattact gcgcgaccca tagtgatggc tggtacggga agggctactt tgactattgg 120

ggccagggc 129

<210> 7902
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7902

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Gly
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr His Ser Asp Gly Trp Tyr
            20   25   30

Gly Lys Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7903
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7903

Cys Ala Lys Gly Gly Gly Tyr Ser Ser Gly Tyr Tyr Tyr Phe Asp Tyr
1   5   10   15

Trp

<210> 7904
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7904
gataattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc   60

gtatattact gtgcgaaagg gggggttat agtagtggtt actactactt tgactactgg   120

ggccaggga 129

<210> 7905
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7905

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly Gly Tyr Ser Ser
20 25 30

Gly Tyr Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7906
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7906
gataattcca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaagg ggggggttat agtagtggtt actactactt tgactactgg 120

ggccaggga 129

<210> 7907
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7907

Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly Gly Tyr Ser Ser
            20   25   30

Gly Tyr Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7908
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7908

Cys Ala Ser Ser Leu Asp Gly Thr Gly Asp Phe Asp Tyr Trp
1   5   10

<210> 7909
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7909
atgaccagga acacctccat aagcacagcc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagctct ctggacggaa cgggagactt tgactactgg 120

ggccaggga 129

<210> 7910
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7910

Met Thr Arg Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Ser Leu Asp
20 25 30

Gly Thr Gly Asp Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7911
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7911
atgaccagca acacctccat aagcacagcc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagctct ctggacggaa cgggagactt tgactactgg 120

ggccaggga 129

<210> 7912
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7912

Met Thr Ser Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Ser Leu Asp
20 25 30

Gly Thr Gly Asp Phe Asp Tyr Trp Gly Gln Gly

35 40

<210> 7913
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7913

Cys Ala Arg Asp Tyr Gly Asp Tyr Pro Gly Asp Trp
1 5 10

<210> 7914
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7914
gtcaccatga ccagggacac gtccatcagc acagcctaca tggagctgag caggctgaga 60

tctgacgaca cggccgtgta ttactgtgcg agagactacg gtgactaccc aggggactgg 120

ggccaggga 129

<210> 7915
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7915

Val Thr Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu
1 5 10 15

Ser Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp
20 25 30

Tyr Gly Asp Tyr Pro Gly Asp Trp Gly Gln Gly
35 40

<210> 7916
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7916
ggcaccatga cctgggacac gtccatcagc acagcctaca tggagctgag caggctgaga 60

tctgacgaca cggccgtgta ttactgtgcg agagactacg gtgactaccc aggggactgg 120

ggccaggga 129

<210> 7917
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7917

Gly Thr Met Thr Trp Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu
1 5 10 15

Ser Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp
20 25 30

Tyr Gly Asp Tyr Pro Gly Asp Trp Gly Gln Gly
35 40

<210> 7918
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7918

Cys Ala His Ser Ile Ile Ile Pro Val Ser His Trp Phe Asp Pro Trp
1 5 10 15

<210> 7919
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7919
caaggacacc tccaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cagtataata ataccggttt cacactggtt cgacccctgg 120

ggccaggga 129

<210> 7920
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7920

Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Ile Ile Ile Pro
20 25 30

Val Ser His Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7921
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7921
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cagtataata ataccggttt cacactggtt cgacccctgg 120

ggccaggga 129

<210> 7922
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7922

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1   5   10   15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Ile Ile Ile Pro
            20   25   30

Val Ser His Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 7923
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7923

Cys Ala Ser Ala His Ser Gly Tyr Glu Asp Pro Arg His Ala Phe Asp
1   5   10   15

Ile Trp

<210> 7924
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7924
acatccacga gcacagccta catggagctg aggagcctga gatctgacga cacggccgtg 60

tattactgtg cgagcgctca tagtggctac gaagacccta gacatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7925
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7925

Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Ser Ala His Ser Gly Tyr Glu Asp
20 25 30

Pro Arg His Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7926
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7926
acatccacga gcacagccta catggagcgg aggagcctga gatctgacga cacggccgtg 60

tattactgtg cgagcgctca tagtggctac gaagacccta gacatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7927
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7927

Thr Ser Thr Ser Thr Ala Tyr Met Glu Arg Arg Ser Leu Arg Ser Asp
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Ser Ala His Ser Gly Tyr Glu Asp
20 25 30

Pro Arg His Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7928
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7928

Cys Ala Lys Asp Met Gly Ser Gly Ser Tyr Asp Ala Phe Asp Ile Trp
1 5 10 15

<210> 7929
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7929

atatataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agatatgggt tcggggagtt atgacgcttt tgatatctgg 120

ggccaaggg 129

<210> 7930
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7930

Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Met Gly Ser Gly
20 25 30

Ser Tyr Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7931
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7931
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agatatgggt tcggggagtt atgacgcttt tgatatctgg 120

ggccaaggg 129

<210> 7932
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7932

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Met Gly Ser Gly
            20   25   30

Ser Tyr Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 7933
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7933

Cys Thr Thr Asp Ala Asn Tyr Val Trp Trp Glu Leu Leu Gln Phe Asp
1   5   10   15

Tyr Trp

<210> 7934
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7934
gattcaaaaa acacgctgta tctgcaaatg aacagcctga aaaccgagga cacagccgtg   60

tattactgta ccacagatgc caattacgtc tggtgggagc tactacagtt tgactactgg   120

ggccaggga   129

<210> 7935
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7935

Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Thr Thr Asp Ala Asn Tyr Val Trp Trp
20 25 30

Glu Leu Leu Gln Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7936
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7936
gattcaaaaa acacgctgta tctgcaaatg aacagcctga aaaccgagga cacagccgtg 60

tactactgta ccacagatgc caattacgtc tggtgggagc tactgcagtt tgactactgg 120

ggccaggga 129

<210> 7937
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7937

Cys Ala Arg Arg Leu Glu Tyr Ser Ser Ser Trp Gln Tyr Asn Trp Phe

1 5 10 15

Asp Pro Trp

<210> 7938
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7938
tccatcagca ccgcctacct gcagtggagc agcctgaagg cctcggacac cgccatgtat 60

tactgtgcga gacgcctcga gtatagcagc agctggcagt acaactggtt cgacccctgg 120

ggccaggga 129

<210> 7939
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7939

Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp
1 5 10 15

Thr Ala Met Tyr Tyr Cys Ala Arg Arg Leu Glu Tyr Ser Ser Ser Trp
20 25 30

Gln Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7940
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7940
tccatcggca ccgcctacct gcagtggagc agcctgaagg cctcggacac cgccatgtat 60

tactgtgcga gacgcctcga gtatagcagc agctggcagt acaactggtt cgacccctgg 120

ggccaggga 129

<210> 7941
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7941

Ser Ile Gly Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp
1   5   10   15

Thr Ala Met Tyr Tyr Cys Ala Arg Arg Leu Glu Tyr Ser Ser Ser Trp
            20   25   30

Gln Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 7942
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7942

Cys Ala Arg Asp His Asp Asp Tyr Gly Leu Gly Gly Val Gly Tyr Trp
1   5   10   15

<210> 7943
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7943
tgggacacct ccatcaccac tgcctacatg gagttgagca ggctgaaatc tgacgacacg 60

gccgtgtatt actgtgcgag agaccacgat gactacggac tcgggggcgt gggctattgg 120

ggccagggc 129

<210> 7944
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7944

Trp Asp Thr Ser Ile Thr Thr Ala Tyr Met Glu Leu Ser Arg Leu Lys
1 5 10 15

Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp His Asp Asp Tyr
20 25 30

Gly Leu Gly Gly Val Gly Tyr Trp Gly Gln Gly
35 40

<210> 7945
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7945
agggacacct ccatcaccac agcctacatg gagttgagca ggctgaaatc tgacgacacg 60

gccgtgtatt actgtgcgag agaccacgat gactacggac tcgggggcgt gggctattgg 120

ggccagggc 129

<210> 7946
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7946

Arg Asp Thr Ser Ile Thr Thr Ala Tyr Met Glu Leu Ser Arg Leu Lys
1   5   10   15

Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp His Asp Asp Tyr
            20   25   30

Gly Leu Gly Gly Val Gly Tyr Trp Gly Gln Gly
        35   40

<210> 7947
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7947

Cys Ala Arg Asp Gly Glu Tyr Tyr Tyr Gly Ser Gly Ser Tyr Tyr Thr
1   5   10   15

Asp Ala Phe Asp Ile Trp
            20

<210> 7948
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7948

acagcctact tggagctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg 60

agagatgggg agtattacta tggttcaggg agttattata ctgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7949
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7949

Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Asp Gly Glu Tyr Tyr Tyr Gly Ser Gly Ser Tyr
20 25 30

Tyr Thr Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7950
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7950
acagcctaca tggagctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg 60

agagatgggg agtattacta tggttcaggg agttattata ctgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 7951
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7951

Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Asp Gly Glu Tyr Tyr Tyr Gly Ser Gly Ser Tyr
            20   25   30

Tyr Thr Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 7952
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7952

Cys Ala Lys Glu Val Arg Leu Arg Pro Tyr Asn Trp Phe Asp Pro Trp
1   5   10   15

<210> 7953
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7953
ttagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg   60

gccgtatatt actgtgcgaa agaggtccga ctccgacctt acaactggtt cgacccctgg   120

ggccaggga   129

<210> 7954
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7954

Leu Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Val Arg Leu Arg
            20   25   30

Pro Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 7955
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7955
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg   60

gccgtatatt actgtgcgaa agaggtccga ctccgacctt acaactggtt cgacccctgg   120

ggccaggga   129

<210> 7956
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7956

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Glu Val Arg Leu Arg

20 25 30

Pro Tyr Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7957
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7957

Cys Ala Arg Glu Phe Phe Asp Ile Leu Thr Gly Tyr Tyr Leu Asp Tyr
1 5 10 15

Trp

<210> 7958
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7958
gacacctcca aaagccaggt ggtccttacc atgaccaaca tggaccctgt ggacacagcc 60

acatatttct gtgcacggga gtttttcgat attttgactg gttattatct cgactactgg 120

ggccaggga 129

<210> 7959
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7959

Asp Thr Ser Lys Ser Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Phe Cys Ala Arg Glu Phe Phe Asp Ile Leu
            20 25 30

Thr Gly Tyr Tyr Leu Asp Tyr Trp Gly Gln Gly
        35 40

<210> 7960
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7960
gacacctcca aaagccaggc ggtccttacc atgaccaaca tggaccctgt ggacacagcc 60

acatatttct gtgcacggga gtttttcgat attttgactg gttattatct cgactactgg 120

ggccgggga 129

<210> 7961
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7961

Asp Thr Ser Lys Ser Gln Ala Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Phe Cys Ala Arg Glu Phe Phe Asp Ile Leu
            20 25 30

Thr Gly Tyr Tyr Leu Asp Tyr Trp Gly Arg Gly
        35 40

<210> 7962
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7962

Cys Ala Lys Asp Ser Gly Asp Tyr Gly Gly Asp Pro Pro Phe Asp Tyr
1 5 10 15

Trp

<210> 7963
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7963
tataattcca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga ttcgggggac tacggtggcg atccccccctt tgactactgg 120

ggccaggga 129

<210> 7964
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7964

Tyr Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Ser Gly Asp Tyr Gly

```
            20                  25                  30

Gly Asp Pro Pro Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  7965
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  7965
gataattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc       60

gtatattact gtgcgaaaga ttcgggggac tacggtggcg atccccccctt tgactactgg      120

ggccaggga                                                               129


<210>  7966
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  7966

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1               5                   10                  15


Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Ser Gly Asp Tyr Gly
            20                  25                  30


Gly Asp Pro Pro Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  7967
<211>  16
<212>  PRT
<213>  Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7967

Cys Ala Arg Gly Asp Asp Thr Ser Ser Trp Tyr Tyr Phe Asp Tyr Trp
1   5   10   15

<210> 7968
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7968
gtagacacgt ctatgaagct gttctccctg aagctgagct ctgtgactgc cgcggacacg   60

gccgtgtatt actgtgcgag aggggacgat accagcagct ggtactactt tgactactgg   120

ggccaggga   129

<210> 7969
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7969

Val Asp Thr Ser Met Lys Leu Phe Ser Leu Lys Leu Ser Ser Val Thr
1   5   10   15

Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asp Asp Thr Ser
            20   25   30

Ser Trp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 7970
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7970
gtagacacgt ctaagaagca gttctccctg aagctgagct ctgtgactgc cgcggacacg 60

gccgtgtatt actgtgcgag aggggacgat accagcagct ggtactactt tgactactgg 120

ggccaggga 129

<210> 7971
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7971

Val Asp Thr Ser Lys Lys Gln Phe Ser Leu Lys Leu Ser Ser Val Thr
1 5 10 15

Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asp Asp Thr Ser
20 25 30

Ser Trp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7972
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7972

Cys Ala Thr Ala Ser Arg Tyr Ser Pro Pro Gly Leu Leu Trp
1 5 10

<210> 7973

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7973
atgaccacag atctgtccac gagcacagcc tacatggaac tgaggaacct gagatcagac 60

gacacggcct tatattattg tgcgacggca tcgagatatt cgccacctgg gctcctctgg 120

ggccaggga 129

<210> 7974
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7974

Met Thr Thr Asp Leu Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg Asn
1 5 10 15

Leu Arg Ser Asp Asp Thr Ala Leu Tyr Tyr Cys Ala Thr Ala Ser Arg
20 25 30

Tyr Ser Pro Pro Gly Leu Leu Trp Gly Gln Gly
35 40

<210> 7975
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7975
atgaccacag atctgcccac gagcacagcc tacatggaac tgaggaacct gagatcagac 60

gacacggcct tatattattg tgcgacggca tcgagatatt cgccacctgg gctcctctgg 120

ggccaggga 129

<210> 7976
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7976

Met Thr Thr Asp Leu Pro Thr Ser Thr Ala Tyr Met Glu Leu Arg Asn
1 5 10 15

Leu Arg Ser Asp Asp Thr Ala Leu Tyr Tyr Cys Ala Thr Ala Ser Arg
20 25 30

Tyr Ser Pro Pro Gly Leu Leu Trp Gly Gln Gly
35 40

<210> 7977
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7977

Cys Ala Arg Gly Arg Arg Tyr Phe Asp Tyr Trp
1 5 10

<210> 7978
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7978
cgagtcacca tatcagtaga cacgtccaag aaccagttct ccctgaagct gagctctgtg 60

accgccgcgg acacggctgt gtattactgt gcgagagggc gtcgatattt tgactactgg 120

ggccaggga 129

<210> 7979
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7979

Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys
1 5 10 15

Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg
20 25 30

Gly Arg Arg Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7980
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7980
cgagtcacca tatcagtaga cacgtccaag aaccagctct ccctgaagct gagctctgtg 60

accgccgcgg acacggctgc gtattactgt gcgaggggggc gtcgatattt tgactactgg 120

ggccagggg 129

<210> 7981
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7981

Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Leu Ser Leu Lys
1 5 10 15

Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Ala Tyr Tyr Cys Ala Arg
20 25 30

Gly Arg Arg Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 7982
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7982

Cys Ala Arg Gly Ala Tyr Tyr Gly Ser Gly Ser Ser Ser Ser Pro Pro
1 5 10 15

Gln Asp Tyr Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
20 25

<210> 7983
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7983
tgcagcctga tatctgagga cacggccgtg tattactgtg cgcgaggggc ctactatggt 60

tcagggagtt cgtcgtcgcc accccaagat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7984

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7984

Cys Ser Leu Ile Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly
1 5 10 15

Ala Tyr Tyr Gly Ser Gly Ser Ser Ser Ser Pro Pro Gln Asp Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 7985
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7985
agcagcctga gatctgagga cacggccgtg tattactgtg cgcgaggggc ctactatggt 60

tcagggagtt cgtcgtcgcc accccaagat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 7986
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7986

Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly
1 5 10 15

Ala Tyr Tyr Gly Ser Gly Ser Ser Ser Ser Pro Pro Gln Asp Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 7987
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7987

Cys Ala Lys Gly Leu Trp Phe Gly Gly Gly Gly Phe Asp Pro Trp
1   5   10   15

<210> 7988
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7988
tccagagata attccaagac cacgctgtat ctgcaaatga acagcctgag agccgaggac   60

acggccgtat attactgtgc gaaaggacta tggttcgggg ggggcgggtt cgacccctgg   120

ggccaggga   129

<210> 7989
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7989

Ser Arg Asp Asn Ser Lys Thr Thr Leu Tyr Leu Gln Met Asn Ser Leu

1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Leu Trp Phe
20 25 30

Gly Gly Gly Gly Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7990
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7990
tccagagata attccaacaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaaggacta tggttcgggg ggggcgggtt cgacccctgg 120

ggccaggga 129

<210> 7991
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7991

Ser Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Leu Trp Phe
20 25 30

Gly Gly Gly Gly Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 7992

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7992

Cys Ala Lys Asp Arg Pro Val Arg Gly Glu Gly Ala Phe Asp Ile Trp
1 5 10 15

<210> 7993
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7993
atagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agatcgtccg gttcgggggg aaggggcttt tgatatctgg 120

ggccaaggg 129

<210> 7994
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7994

Ile Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Pro Val Arg
20 25 30

Gly Glu Gly Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7995
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7995
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agatcgtccg gttcgggggg aaggggcttt tgatatctgg 120

ggccaaggg 129

<210> 7996
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7996

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Pro Val Arg
20 25 30

Gly Glu Gly Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 7997
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7997

Cys Ala His Thr Glu Gly Val Tyr Gly Leu Asp Val Trp

1 5 10

<210> 7998
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7998
atcatcacca aggacacctc caaaaaccag gtggtcctga caatgaccaa catggcccct 60

gtggacacag ccacatatta ctgtgcacac acggaggggg tttacggttt ggacgtctgg 120

ggccaaggg 129

<210> 7999
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 7999

Ile Ile Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr
1 5 10 15

Asn Met Ala Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Thr Glu
20 25 30

Gly Val Tyr Gly Leu Asp Val Trp Gly Gln Gly
35 40

<210> 8000
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8000

accatcacca aggacacctc caaaaaccag gtggtcctga caatgaccaa catggcccct 60

gtggacacag ccacatatta ctgtgcacac acggaggggg tttacggttt ggacgtctgg 120

ggccaaggg 129

<210> 8001
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8001

Thr Ile Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr
1 5 10 15

Asn Met Ala Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Thr Glu
20 25 30

Gly Val Tyr Gly Leu Asp Val Trp Gly Gln Gly
35 40

<210> 8002
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8002

Cys Ala Arg Arg Thr His Val Gln Gly Ser Asp Tyr Tyr Gly Met Asp
1 5 10 15

Val Trp

<210> 8003
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8003
acgtccaaga accagttctc cctgaagctg agctctgtga ccgccgcaga cacggctgtg 60

tattactgtg cgagacgtac ccatgttcag ggatcggact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8004
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8004

Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Arg Thr His Val Gln Gly Ser
20 25 30

Asp Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8005
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8005
acgtccaaga accagttctc cctgaagctg agctctgtga ccgccgcaga cacggctgtg 60

tattactgtg cgagacgcac ccatgttcag ggatcggact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8006
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8006

Cys Ala Arg Ala Ala Ile Trp Phe Gly Glu Leu Ser Tyr Phe Asp Tyr
1 5 10 15

Trp

<210> 8007
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8007
gacaattcca agaacacgct gtatcttcaa atgaacagcc tgagagccga ggacacggcc 60

gtgtattact gtgcgagagc cgctatatgg ttcggggagt tatcttactt tgactactgg 120

ggccaggga 129

<210> 8008
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8008

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Ala Ile Trp Phe Gly

```
            20                  25                  30

Glu Leu Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  8009
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  8009
gacaattcca agaacacgct gtatcttcaa atgaacagcc cgagagccga ggacacggcc       60

gtgtattact gtgcgagagc cgctatatgg ttcggggagt tatcttactt tgactactgg      120

ggccaggga                                                              129


<210>  8010
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  8010

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Pro Arg Ala
1               5                   10                  15


Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Ala Ile Trp Phe Gly
            20                  25                  30


Glu Leu Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  8011
<211>  18
<212>  PRT
<213>  Artificial Sequence
```

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8011

Cys Thr Arg Gln Gly Asp Ser Ser Gly Trp Tyr Asp Gly Trp Phe Asp
1   5   10   15

Pro Trp

<210> 8012
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8012
gattcaaaga acacggcgta tctgcaaatg aatagcctga aaaccgagga cacggccgtg   60

tattactgta ctagacaggg ggatagcagt ggctggtacg atggctggtt cgacccctgg   120

ggccaggga   129

<210> 8013
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8013

Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Thr Arg Gln Gly Asp Ser Ser Gly Trp
            20   25   30

Tyr Asp Gly Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 8014
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8014
gattcaaaga acacggcgta tctgcaaatg aacagcctga aaaccgagga cacggccgtg 60

tattactgta ctagacaggg ggatagcagt ggctggtacg atggctggtt cgacccctgg 120

ggccaggga 129

<210> 8015
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8015

Cys Ala Arg Gly Glu Gly Tyr Ser Tyr Gly Ala Ser Gly Gly Pro Phe
1 5 10 15

Asp Tyr Trp

<210> 8016
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8016
tccataagca cagcctacat ggagctgagc agcctgagat ttgaggacac ggccgtgtat 60

tactgtgcga gaggcgaggg atacagctat ggtgcctccg ggggcccctt tgactactgg 120

ggccaggga 129

<210> 8017
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8017

Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Phe Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Gly Glu Gly Tyr Ser Tyr Gly Ala
20 25 30

Ser Gly Gly Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8018
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8018
tccataagca cagcctacat ggagctgagc agcctgagat ctgaggacac ggccgtgtat 60

tactgtgcga gaggcgaggg atacagctat ggtgcctccg ggggcccctt tgactactgg 120

ggccaggga 129

<210> 8019
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8019

Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp

1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Gly Glu Gly Tyr Ser Tyr Gly Ala
20 25 30

Ser Gly Gly Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8020
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8020

Cys Ala Lys Asp His Tyr Gly Asp Tyr Pro Leu Leu Phe Asp Tyr Trp
1 5 10 15

<210> 8021
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8021
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agatcactac ggtgactacc ctcttctctt tgactactgg 120

ggccaggga 129

<210> 8022
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8022

```
Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1               5                   10                  15


Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp His Tyr Gly Asp
            20                  25                  30


Tyr Pro Leu Leu Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  8023
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  8023
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg       60

gccgtatatt actgcgcgaa agatcactac ggtgactacc ctcttctctt tgactactgg      120

ggccaggga                                                              129


<210>  8024
<211>  13
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  8024

Cys Ala Arg Asp Leu Arg Arg Ala Ala Phe Asp Ile Trp
1               5                   10


<210>  8025
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody
```

<400> 8025
accatgacct gggacacgtc cacgagcaca gtctacatgg agctgagcag cctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga gatctacgcc gggctgcttt tgatatctgg 120

ggccaaggg 129

<210> 8026
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8026

Thr Met Thr Trp Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser
1 5 10 15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu
20 25 30

Arg Arg Ala Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8027
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8027
accatgacca gggacacgtc cacgagcaca gtctacatgg agctgagcag cctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga gatctacgcc gggctgcttt tgatatctgg 120

ggccaaggg 129

<210> 8028
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8028

Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser
1 5 10 15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu
20 25 30

Arg Arg Ala Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8029
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8029

Cys Ala Arg Thr Ser Arg Gly Ser Gly Tyr Tyr Tyr Tyr Trp
1 5 10

<210> 8030
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8030
attaccgcgg acaaatccac gagcacagcc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagaacc tctcggggaa gtggttatta ctactactgg 120

ggccaggga 129

<210> 8031

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8031

Ile Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Ser Arg
20 25 30

Gly Ser Gly Tyr Tyr Tyr Tyr Trp Gly Gln Gly
35 40

<210> 8032
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8032
attaccgcgg acaaatccac gagcacagcc tacatggagc tgagcagcct gagatctgag 60

gacacggcca tgtattactg tgcgagaacc tctcggggaa gtggttatta ctactactgg 120

ggccaggga 129

<210> 8033
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8033

Ile Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Met Tyr Tyr Cys Ala Arg Thr Ser Arg
            20   25   30

Gly Ser Gly Tyr Tyr Tyr Tyr Trp Gly Gln Gly
        35   40

<210> 8034
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8034

Cys Ala Arg Gly Arg Gly Ser Gly Ser Tyr Leu Gly Tyr Trp
1   5   10

<210> 8035
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8035
ttatcagtag acacgcccaa gaaccagttc tccctgaagc tgagctctgt gaccgccgcg   60

gacacggctg tgtattactg tgcgagaggc aggggttcgg ggagttattt gggctactgg   120

ggccaggga   129

<210> 8036
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8036

Leu Ser Val Asp Thr Pro Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser

1 5 10 15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg Gly
20 25 30

Ser Gly Ser Tyr Leu Gly Tyr Trp Gly Gln Gly
35 40

<210> 8037
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8037
atatcagtag acacgtccaa gaaccagttc tccctgaagc tgagctctgt gaccgccgcg 60

gacacggctg tgtattactg tgcgagaggc aggggttcgg ggagttattt gggctactgg 120

ggccaggga 129

<210> 8038
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8038

Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
1 5 10 15

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg Gly
20 25 30

Ser Gly Ser Tyr Leu Gly Tyr Trp Gly Gln Gly
35 40

<210> 8039

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8039

Cys Ala His Arg Pro Gly Ile Val Gly Ala Ile Thr Glu Tyr Tyr Phe
1 5 10 15

Asp Tyr Trp

<210> 8040
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8040
tccaaaaacc aggtggtcct tacaatgacc aacatggacc ctgtggacac agccacatat 60

tactgtgcac acagacccgg tatagtggga gctattaccg agtactactt tgactactgg 120

ggccaggga 129

<210> 8041
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8041

Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp
1 5 10 15

Thr Ala Thr Tyr Tyr Cys Ala His Arg Pro Gly Ile Val Gly Ala Ile
20 25 30

Thr Glu Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8042
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8042
ctccaaaacc aggtggtcct tacaatgacc aacatggacc ctgtggacac agccacatat 60

tactgtgcac acagacccgg tatagtggga gctattaccg agtactactt tgactactgg 120

ggccaggga 129

<210> 8043
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8043

Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp
1 5 10 15

Thr Ala Thr Tyr Tyr Cys Ala His Arg Pro Gly Ile Val Gly Ala Ile
20 25 30

Thr Glu Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8044
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8044

Cys Ala Arg Val Trp Asn Gly Pro Tyr Asp Ala Phe Asp Ile Trp
1 5 10 15

<210> 8045
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8045
accagggaca cgttcacgag cacagtctac atggagctga gcagcctgag atctgaggac 60

acggccgtgt attactgtgc gagagtttgg aacgggccct atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8046
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8046

Thr Arg Asp Thr Phe Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu
1 5 10 15

Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Trp Asn Gly
20 25 30

Pro Tyr Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8047
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8047
accagggaca cgtccacgag cacagtctac atggagctga gcagcctgag atctgaggac 60

acggccgtgt attactgtgc gagagtttgg aacgggccct atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8048
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8048

Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu
1   5   10   15

Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Trp Asn Gly
            20   25   30

Pro Tyr Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 8049
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8049

Cys Ala Ser Phe Ser Gly Asp Gly Pro Phe Asp Tyr Trp
1   5   10

<210> 8050
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8050
accatctcca gagacaattc caagaacacg ctgtatcttc aaatgaacag cctgagggcc 60

gaggacacgg ccgtgtatta ctgtgcgagt tttagtgggg atggaccctt tgactactgg 120

ggccaggga 129

<210> 8051
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8051

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Phe Ser
20 25 30

Gly Asp Gly Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8052
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8052
accatctcca gagacaattc caagaacacg ctgtatcttc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgagt tttagtgggg atggaccctt tgactactgg 120

ggccaggga 129

<210> 8053
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8053

Cys Ala Arg Lys Asp Thr Thr Val Thr Leu Met Ala Leu Asp Tyr Trp
1 5 10 15

<210> 8054
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8054
ttagacaatg ccaagaactc actgtatctg caaatgaaca gcctgagaga cgaggacacg 60

gctgtgtatt actgtgcgag gaaagacact acggtgaccc taatggccct tgactactgg 120

ggccaggga 129

<210> 8055
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8055

Leu Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Asp Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Lys Asp Thr Thr Val
20 25 30

Thr Leu Met Ala Leu Asp Tyr Trp Gly Gln Gly

35 40

<210> 8056
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8056
agagacaatg ccaagaactc actgtatctg caaatgaaca gcctgagaga cgaggacacg 60

gctgtgtatt actgtgcgag gaaagacact acggtgaccc taatggccct tgactactgg 120

ggccaggga 129

<210> 8057
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8057

Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Asp Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Lys Asp Thr Thr Val
20 25 30

Thr Leu Met Ala Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 8058
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8058

Cys Gly Arg Gly Arg Tyr Tyr Gly Met Asp Val Trp
1 5 10

<210> 8059
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8059
ttcaccatct ccagagacaa cgccaggaac accttatatc tgcaaatgaa cagtctgaga 60

gccgaggaca cggctgtata ttactgtgga agaggtagat actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8060
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8060

Phe Thr Ile Ser Arg Asp Asn Ala Arg Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly Arg Gly
20 25 30

Arg Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8061
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8061
ttcaccatct ccagagacaa cgccaagaac atactgtttc tgcaaatgaa cagtctgaga 60

gccgaggaca cggctgtata ttactgtgga agaggtagat actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8062
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8062

Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ile Leu Phe Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly Arg Gly
20 25 30

Arg Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8063
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8063

Cys Ala Lys Phe Asn Gly Arg Ile Ala Ala Ala Thr Ile Asp Tyr Trp
1 5 10 15

<210> 8064
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8064
ttagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa attcaacggg cgtatagcag cagccacgat tgactactgg 120

ggccaggga 129

<210> 8065
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8065

Leu Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Phe Asn Gly Arg Ile
            20   25   30

Ala Ala Ala Thr Ile Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8066
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8066
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa attcaacggg cgtatagcag cagccacgat tgactactgg 120

ggccaggga 129

<210> 8067

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8067

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Phe Asn Gly Arg Ile
20 25 30

Ala Ala Ala Thr Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 8068
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8068

Cys Ala Arg Gly Ala Gly Tyr Cys Ser Ser Thr Ser Cys His Phe Asp
1 5 10 15

Tyr Trp

<210> 8069
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8069
gcgtctaaga accagttctc cctgaagctg agctctgtga ctgccgcgga catggccgtg 60

tattactgtg cgagaggagc gggatattgt agtagtacca gctgccactt tgactactgg 120

ggccaggga 129

<210> 8070
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8070

Ala Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala
1 5 10 15

Asp Met Ala Val Tyr Tyr Cys Ala Arg Gly Ala Gly Tyr Cys Ser Ser
20 25 30

Thr Ser Cys His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8071
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8071
acgtctaaga accagttctc cctgaagctg agctctgtga ctgccgcgga cacggccgtg 60

tattactgtg cgagaggagc gggatattgt agtagtacca gctgccactt tgactactgg 120

ggccaggga 129

<210> 8072
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8072

Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Ala Gly Tyr Cys Ser Ser
20 25 30

Thr Ser Cys His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8073
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8073

Cys Ala Lys Asp Ser Trp Glu Thr Ser Ser Gly Trp Ser Gly Thr Phe
1 5 10 15

Asp Tyr Trp

<210> 8074
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8074
tccaagaaca cgctgtatct gcaaatgaac agcctgagag ccgaggacac ggccgtatat 60

tactgtgcga aagattcgtg ggagactagc agtggctggt caggaacgtt tgactactgg 120

ggccaggga 129

<210> 8075

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8075

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Lys Asp Ser Trp Glu Thr Ser Ser Gly
20 25 30

Trp Ser Gly Thr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8076
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8076
tccaagaaca cgctgtacct gcaaatgaac agcctgagag ccgaggacac ggccgtatat 60

tactgtgcga aagattcgtg ggagactagc agtggctggt caggaacgtt tgactactgg 120

ggccaggga 129

<210> 8077
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8077

Cys Ala Arg Glu Asp Gly Asp Ile Leu Thr Gly Tyr Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val Trp
            20

<210> 8078
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8078
atgaactcac tgtttctgca aatgaacagc ctgagagacg aggacacggc tgtgtattac 60

tgtgcgagag aggatgggga tattttgact ggttattact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8079
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8079

Met Asn Ser Leu Phe Leu Gln Met Asn Ser Leu Arg Asp Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg Glu Asp Gly Asp Ile Leu Thr Gly Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8080
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8080
aagaactcac tgtatctgca aatgaacagc ctgagagacg aggacacggc tgtgtattac 60

tgtgcgagag aggatgggga tattttgact ggttattact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8081
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8081

Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Asp Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Glu Asp Gly Asp Ile Leu Thr Gly Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8082
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8082

Cys Ala Arg Asp Ser Gly Val Ser Trp Tyr Tyr Tyr Tyr Gly Met Asp
1 5 10 15

Val Trp

<210> 8083

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8083
acctctgtca gcatggcata tctgcagatc agcagcctaa aggctgagga cactgccgtg 60

tattactgtg cgagagattc gggagtttcg tggtactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8084
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8084

Thr Ser Val Ser Met Ala Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ser Gly Val Ser Trp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8085
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8085
acctctgtca gcacggcata tctgcagatc agcagcctaa aggctgagga cactgccgtg 60

tattactgtg cgagagattc gggagtttcg tggtactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8086
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8086

Thr Ser Val Ser Thr Ala Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ser Gly Val Ser Trp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8087
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8087

Cys Ala Arg Glu Gly Thr Gly Asp Tyr Trp
1 5 10

<210> 8088
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8088
tgtcgagtca ccatatcagt agacacgtcc aagaaccagt tctccctgaa gctgagctct 60

gtgaccgccg cggacacggc cgtgtattac tgtgcgagag agggtacggg cgactactgg 120

ggccaggga 129

<210> 8089
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8089

Cys Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
1 5 10 15

Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
20 25 30

Arg Glu Gly Thr Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 8090
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8090
agtcgagtca ccatatcagt agacacgtcc aagaaccagt tctccctgaa gctgagctct 60

gtgaccgccg cggacacggc cgtgtattac tgtgcgagag agggtacggg cgactactgg 120

ggccaggga 129

<210> 8091
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8091

Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
1 5 10 15

Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
20 25 30

Arg Glu Gly Thr Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 8092
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8092

Cys Ala Arg Asp Arg Ser Gly Gly Leu Asp Tyr Trp
1 5 10

<210> 8093
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8093
gtcacgatta ccgcggacaa atccacgagc acagcctaca tggagctgag cagcctgaga 60

tctgaggaca cggccgtgta ttactgtgcg agagatcgga gcgggggct tgactactgg 120

ggccaggga 129

<210> 8094
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8094

Val Thr Ile Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu
1   5   10   15

Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp
            20   25   30

Arg Ser Gly Gly Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8095
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8095
gtcacgatta ccgcgcacaa atccacgagc acagcctaca tggagctgag cagcctgaga   60

tctgaggaca cggccgtgta ttactgtgcg agagatcgga gcgggggct tgactactgg   120

ggccaggga   129

<210> 8096
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8096

Val Thr Ile Thr Ala His Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu
1   5   10   15

Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp
            20   25   30

Arg Ser Gly Gly Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 8097
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8097

Cys Ala Arg Gly Arg Ala Ile Glu Arg Gly Tyr Ser Gly Tyr Tyr Tyr
1 5 10 15

Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
20 25

<210> 8098
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8098
ctgaagctga gctctgtggc cgccgcggac acggctgtgt attactgtgc gagaggccgg 60

gcgattgaac gtggatatag tggctactat tattactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8099
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8099

Leu Lys Leu Ser Ser Val Ala Ala Ala Asp Thr Ala Val Tyr Tyr Cys

1 5 10 15

Ala Arg Gly Arg Ala Ile Glu Arg Gly Tyr Ser Gly Tyr Tyr Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8100
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8100
ctgaagctga gctctgtgac cgccgcggac acggctgtgt attactgtgc gagaggccgg 60

gcgattgaac gtggatatag tggctactat tattactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8101
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8101

Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Gly Arg Ala Ile Glu Arg Gly Tyr Ser Gly Tyr Tyr Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8102

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8102

Cys Ala Arg Asp Pro Asn Pro Trp His Pro Asp Tyr Trp
1 5 10

<210> 8103
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8103
accatctcca gggacaacgc caagaactca ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gatccgaacc cgtggcaccc agactactgg 120

ggccaggga 129

<210> 8104
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8104

Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Pro
20 25 30

Asn Pro Trp His Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 8105
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8105
accatctcca gggacaacgc caacaactca ctgtatctgc aaatcaacag cctgagagcc 60

gaggacacgg ccgtgtatta ctgtgcgaga gatccgaacc cgtggcaccc agactactgg 120

ggccaggga 129

<210> 8106
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8106

Thr Ile Ser Arg Asp Asn Ala Asn Asn Ser Leu Tyr Leu Gln Ile Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Pro
20 25 30

Asn Pro Trp His Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 8107
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8107

Cys Ala Thr Gly Ser Ser Ile Ala Val Ala Gly Phe Phe Asp Tyr Trp

1 5 10 15

<210> 8108
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8108
tgggacacat ccgcgagcac tgcctacatg gagctgagca gcctgagatc tgaagacacg 60

gctgtgtatt actgtgcgac aggaagcagt atagcagtgg ctggtttttt tgactactgg 120

ggccaggga 129

<210> 8109
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8109

Trp Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Gly Ser Ser Ile Ala
20 25 30

Val Ala Gly Phe Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8110
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8110

agggacacat ccgcgagcac agcctacatg gagctgagca gcctgagatc tgaagacacg 60

gctgtgtatt actgtgcgac aggaagcagt atagcagtgg ctggtttttt tgactactgg 120

ggccaggga 129

<210> 8111
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8111

Arg Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Thr Gly Ser Ser Ile Ala
20 25 30

Val Ala Gly Phe Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8112
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8112

Cys Ala Lys Asp Cys Ile Pro Ser Ile Val Gly Ala Thr Ile Val Gly
1 5 10 15

Tyr Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
20 25

<210> 8113
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8113
caaatgaaca gcctgagagc cgaggacacg gccgtatatt actgtgcgaa agattgtatc 60

cctagtatag tgggagctac tatcgtgggt tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8114
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8114

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
1 5 10 15

Lys Asp Cys Ile Pro Ser Ile Val Gly Ala Thr Ile Val Gly Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8115
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8115
aaaatgaact gcctgagagc cgaggacacg gccgtatatt actgtgcgaa agattgtatc 60

cctagtatag tgggagctac tatcgtgggt tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8116
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8116

Lys Met Asn Cys Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
1   5   10   15

Lys Asp Cys Ile Pro Ser Ile Val Gly Ala Thr Ile Val Gly Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8117
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8117

Cys Thr Thr Asp Arg Ile Ala Val Ala Gly Met Gly Ser Gly Val Val
1   5   10   15

Asp Tyr Trp

<210> 8118
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8118

tcaaaaaaca cgctgtatct gcaaatgaac agcctgaaaa ccgaggacac agccgtgtat 60

tactgtacca cagaccgtat agcagtggct ggtatggggt caggggtggt tgactactgg 120

ggccaggga 129

<210> 8119
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8119

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Thr Thr Asp Arg Ile Ala Val Ala Gly Met
20 25 30

Gly Ser Gly Val Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 8120
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8120
ttcaaaaaca cgctgtatct gcaaatgaac agcctgaaaa ccgaggacac agccgtgtat 60

tactgtacca cagaccgtat agcagtggct ggtatggggt caggggtggt tgactactgg 120

ggccaggga 129

<210> 8121
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8121

Phe Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Thr Thr Asp Arg Ile Ala Val Ala Gly Met
            20   25   30

Gly Ser Gly Val Val Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8122
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8122

Cys Ala Ser Ser Ser Ser Trp Gln Phe Asp Tyr Trp
1   5   10

<210> 8123
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8123
ttcaccatct ccagatataa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga   60

gccgaggaca cggccgtata ttactgtgcg agcagcagca gctggcaatt tgactactgg   120

ggccaggga   129

<210> 8124
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8124

Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Ser
            20   25   30

Ser Ser Trp Gln Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8125
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8125
ttcaccatct ccagagataa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga   60

gccgaggaca cggccgtata ttactgtgcg agcagcagca gctggcaatt tgactactgg   120

ggccaggga   129

<210> 8126
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8126

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Ser

20 25 30

Ser Ser Trp Gln Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8127
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8127

Cys Ala Arg Gly His Leu Leu Pro Pro Asp Tyr Asp Ile Leu Thr Gly
1 5 10 15

Tyr Phe Asp Tyr Trp
20

<210> 8128
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8128
aactcactgt atctgcaaat gaacagcctg agagacgagg atacggctgt gtattactgt 60

gcgagaggcc atttactccc acctgattac gatattttga ctggttattt tgactactgg 120

ggccaggga 129

<210> 8129
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8129

Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Asp Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Gly His Leu Leu Pro Pro Asp Tyr Asp Ile
20 25 30

Leu Thr Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8130
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8130
aactcactgt atctgcaaat gaacagcctg agagacgagg acacggctgt gtattactgt 60

gcgagaggcc atttactccc acctgattac gatattttga ctggttattt tgactactgg 120

ggccaggga 129

<210> 8131
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8131

Cys Ala Arg Ala Asn Phe Met Gly Leu Glu Met Ala Arg Phe Asp Tyr
1 5 10 15

Trp

<210> 8132
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8132
gacacattca cgagcacagc ctacatggag ctgaggagcc tgagatctga cgacacggcc 60

gtgtattact gtgcgagagc taattttatg gggctagaga tggctaggtt tgactactgg 120

ggccagggg 129

<210> 8133
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8133

Asp Thr Phe Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser
1 5 10 15

Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Asn Phe Met Gly Leu
20 25 30

Glu Met Ala Arg Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8134
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8134
gacacatcca cgagcacagc ctacatggag ctgaggagcc tgagatctga cgacacggcc 60

gtgtattact gtgcgagagc taattttatg gggttagaga tggctaggtt tgactactgg 120

ggccaggga 129

<210> 8135
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8135

Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser
1   5   10   15

Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Asn Phe Met Gly Leu
            20   25   30

Glu Met Ala Arg Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8136
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8136

Cys Ala Arg Gln Ile Phe Tyr Gly Ser Gly Ser Tyr Tyr Ser Tyr Phe
1   5   10   15

Asp Tyr Trp

<210> 8137
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8137

tccatcagca ccgcctacct gctgtggagc agcctgaagg cctcggacac cgccaggtat 60

tactgtgcga gacagatctt ctatggttcg gggagttatt actcatactt tgactactgg 120

ggccaggga 129

<210> 8138
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8138

Ser Ile Ser Thr Ala Tyr Leu Leu Trp Ser Ser Leu Lys Ala Ser Asp
1 5 10 15

Thr Ala Arg Tyr Tyr Cys Ala Arg Gln Ile Phe Tyr Gly Ser Gly Ser
20 25 30

Tyr Tyr Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8139
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8139
tccatcagca ccgcctacct gcagtggagc agcctgaagg cctcggacac cgccatgtat 60

tactgtgcga gacagatctt ctatggttcg gggagttatt actcatactt tgactactgg 120

ggccaggga 129

<210> 8140
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8140

Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp
1   5   10   15

Thr Ala Met Tyr Tyr Cys Ala Arg Gln Ile Phe Tyr Gly Ser Gly Ser
            20   25   30

Tyr Tyr Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8141
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8141

Cys Thr Arg His Tyr Asp Ile Leu Thr Gly Tyr Arg Phe Asp Leu Trp
1   5   10   15

<210> 8142
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8142
tgtgatgatt caaagaacac ggcgtatctg caaatgaaca gcctgaaaac cgaggacacg   60

gccgtgtatt actgtactag acattacgat attttgactg gttatcgctt cgatctctgg   120

ggccgtggc   129

<210> 8143
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8143

Cys Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys
1   5   10   15

Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg His Tyr Asp Ile Leu
            20   25   30

Thr Gly Tyr Arg Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 8144
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8144
agagatgatt caaagaacac ggcgtatctg caaatgaaca gcctgaaaac cgaggacacg   60

gccgtgtatt actgtactag acattacgat attttgactg gttatcgctt cgatctctgg   120

ggccgtggc   129

<210> 8145
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8145

Arg Asp Asp Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys
1   5   10   15

Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Arg His Tyr Asp Ile Leu

20 25 30

Thr Gly Tyr Arg Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 8146
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8146

Cys Ala Lys Asp Ile Ser Lys Ile Lys Ser Trp Tyr Asp Leu Gly Gly
1 5 10 15

Gly Ala Phe Asp Leu Trp
20

<210> 8147
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8147
tccctgtatc tgcaaatgaa cagtctgaga gctgaggaca cggccttgta ttactgtgca 60

aaagatatct ctaagatcaa gagctggtac gatctaggtg gaggggcctt cgatctctgg 120

ggccgtggc 129

<210> 8148
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8148

Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu
1   5   10   15

Tyr Tyr Cys Ala Lys Asp Ile Ser Lys Ile Lys Ser Trp Tyr Asp Leu
            20   25   30

Gly Gly Gly Ala Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 8149
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8149
tacctgtatc tgcaaatgat cagtctgaga gctgaggaca cggccttgta ttactgtgca 60

aaagatatct ctaagatcaa gagctggtac gatctaggtg gaggggcctt cgatctctgg 120

ggccgtggc 129

<210> 8150
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8150

Tyr Leu Tyr Leu Gln Met Ile Ser Leu Arg Ala Glu Asp Thr Ala Leu
1   5   10   15

Tyr Tyr Cys Ala Lys Asp Ile Ser Lys Ile Lys Ser Trp Tyr Asp Leu
            20   25   30

Gly Gly Gly Ala Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 8151
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8151

Cys Ala Arg Asp Ile Gly Ser Thr Leu Pro Tyr Tyr Tyr Tyr Gly Met
1 5 10 15

Asp Val Trp

<210> 8152
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8152
tccacgagca cagcctacat ggagctgagc agcctgagat ctgaggacac ggccgtgtat 60

tactgtgcga gagatatagg cagcacccta ccatactatt actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8153
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8153

Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ile Gly Ser Thr Leu Pro Tyr

```
            20                  25                  30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35                  40


<210>  8154
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  8154
tccacgagca cagcctacat ggagctgagc agcctgagat ctgaggacac ggccgtgtat       60

tactgtgcga gagatatagg cagcacccta ccatactact actacggtat ggacgtctgg      120

ggccaaggg                                                              129


<210>  8155
<211>  17
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  8155

Cys Ala Lys Asp Ile Lys Gln Gln Leu Val Leu Asp Ala Phe Asp Ile
1               5                   10                  15


Trp



<210>  8156
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  8156
```

gacaacagca aaaactccct gtatctgcaa atgaacagtc tgagaactga ggacaccgcc 60

ttgtattact gtgcaaaaga tattaagcag cagctggtac tggatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8157
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8157

Asp Asn Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Thr
1 5 10 15

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

Val Leu Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8158
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8158
gacaacagca aaaactccct gtatctgcaa atgaacagtc tgagaactga ggacaccgcc 60

tcgtattact gtgcaaaaga tattaagcag cagctggtac tggatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8159
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8159

Asp Asn Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Thr
1   5   10   15

Glu Asp Thr Ala Ser Tyr Tyr Cys Ala Lys Asp Ile Lys Gln Gln Leu
            20   25   30

Val Leu Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 8160
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8160

Cys Ala Lys Gln Gln Gln Leu Val Pro Lys Ser His Phe Asp Tyr Trp
1   5   10   15

<210> 8161
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8161
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg   60

gccgtatatt actgtgcgaa gcagcagcag ctggttccca aaagccattt tgactactgg   120

ggccaggga   129

<210> 8162
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8162

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

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

Pro Lys Ser His Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8163
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8163
agagacaatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg   60

gccgtatatt actgtgcgaa gcaacagcag ctggttccca aaagccattt tgactactgg   120

ggccaggga   129

<210> 8164
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8164

Cys Ser Arg Gly Gly Gly Pro Ala Ala Gly Phe His Gly Leu Asp Val
1   5   10   15

Trp

<210> 8165
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8165
gacacatccg cgaacacagc ctgcatggaa ctgagtggcc tgagatctga agacacggct 60

gcgtatttct gttcgagggg agggggccca gcagctggtt tccacggttt ggacgtctgg 120

ggccaaggg 129

<210> 8166
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8166

Asp Thr Ser Ala Asn Thr Ala Cys Met Glu Leu Ser Gly Leu Arg Ser
1 5 10 15

Glu Asp Thr Ala Ala Tyr Phe Cys Ser Arg Gly Gly Gly Pro Ala Ala
20 25 30

Gly Phe His Gly Leu Asp Val Trp Gly Gln Gly
35 40

<210> 8167
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8167

gacacatccg cgaacacagc ctacatggaa ctgagtggcc tgagatctga agacacggct 60

gtgtatttct gttcgagggg agggggccca gcagctggtt tccacggttt ggacgtctgg 120

ggccaaggg 129

<210> 8168
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8168

Asp Thr Ser Ala Asn Thr Ala Tyr Met Glu Leu Ser Gly Leu Arg Ser
1 5 10 15

Glu Asp Thr Ala Val Tyr Phe Cys Ser Arg Gly Gly Gly Pro Ala Ala
20 25 30

Gly Phe His Gly Leu Asp Val Trp Gly Gln Gly
35 40

<210> 8169
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8169

Cys Ala Arg Gly Gly Tyr Cys Ser Ser Thr Ser Cys Tyr Gly Gly Asn
1 5 10 15

Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
20 25

<210> 8170
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8170
ttggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagaggggga 60

tattgtagta gtaccagctg ctatggcggg aactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8171
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8171

Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Gly Gly Tyr Cys Ser Ser Thr Ser Cys Tyr Gly Gly Asn Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8172
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8172
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagaggggga 60

tattgtagta gtaccagctg ctatggcggg aactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8173
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8173

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Gly Gly Tyr Cys Ser Ser Thr Ser Cys Tyr Gly Gly Asn Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8174
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8174

Cys Ala Arg Gly Gly Pro Tyr Cys Gly Gly Asp Cys Tyr Val Asp Tyr
1   5   10   15

Trp

<210> 8175
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8175

gacacgtcca tcagcacagc ctacatggaa ctgagcaggc tgagatctga cgacacggcc 60

gtatattact gtgcgagggg aggtccatat tgtggtggtg actgctacgt tgactactgg 120

ggccaggga 129

<210> 8176
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8176

Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu Arg Ser
1 5 10 15

Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Pro Tyr Cys Gly
20 25 30

Gly Asp Cys Tyr Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 8177
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8177
gacacgtcca tcagcacagc ctacatggaa ctgagcaggc tgagatctga cgacacggcc 60

gtatattact gtgcgagggg aggcccatat tgtggtggtg actgctacgt tgactactgg 120

ggccaggga 129

<210> 8178
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8178

Cys Ala Lys Asp Arg Arg Leu Asp Tyr Asp Asp Ser Gly Ser Phe Asp
1   5   10   15

Ser Trp

<210> 8179
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8179
gattccgaga acacattgta tctgcacatg agtggcctgc gagccgaaga cacggccgta   60

tattactgtg cgaaagatcg gcgcctcgac tatgatgata gtggctcctt tgactcctgg   120

ggccaggga   129

<210> 8180
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8180

Asp Ser Glu Asn Thr Leu Tyr Leu His Met Ser Gly Leu Arg Ala Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Arg Leu Asp Tyr Asp
            20   25   30

Asp Ser Gly Ser Phe Asp Ser Trp Gly Gln Gly
        35   40

<210> 8181
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8181
gattccgaca acacattgta tctgcacatg aggggcctgc gagccgaaga cacggccgta 60

tattactgtg cgaaagatcg gcgcctcgac tatgatgata gtggctcctt tgactcctgg 120

ggccaggga 129

<210> 8182
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8182

Asp Ser Asp Asn Thr Leu Tyr Leu His Met Arg Gly Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Arg Leu Asp Tyr Asp
20 25 30

Asp Ser Gly Ser Phe Asp Ser Trp Gly Gln Gly
35 40

<210> 8183
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8183

Cys Ala Arg Val His His Tyr Asp Phe Trp Ser Gly Tyr Tyr Tyr Pro

1 5 10 15

Tyr Tyr Tyr Gly Met Asp Val Trp
20

<210> 8184
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8184
atcttgaaaa tcaacagtct gagagccgag gacacggctg tgtattactg tgcaagagtc 60

caccattacg atttttggag tggttattat tatccctact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8185
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8185

Ile Leu Lys Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Arg Val His His Tyr Asp Phe Trp Ser Gly Tyr Tyr Tyr Pro
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8186
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8186
tatctgcaaa tgaacagtct gagagccgag gacacggctg tgtattactg tgcaagagtc 60

caccattacg atttttggag tggttattat tatccctact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8187
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8187

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1   5   10   15

Cys Ala Arg Val His His Tyr Asp Phe Trp Ser Gly Tyr Tyr Tyr Pro
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8188
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8188

Cys Ala Lys Asp Phe Phe Pro Ser Gln Arg Ile Tyr Gly Ser Gly Ser
1   5   10   15

Cys Phe Asp Tyr Trp
            20

<210> 8189
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8189
aacacgctgt atctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatt ttttcccctc gcaacgaata tatggttcgg ggagttgctt tgactactgg 120

ggccaggga 129

<210> 8190
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8190

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Asp Phe Phe Pro Ser Gln Arg Ile Tyr Gly
            20 25 30

Ser Gly Ser Cys Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 8191
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8191
aacacgctgt atccgcaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatt ttttcccctc gcaacgaata tatggttcgg ggagttgctt tgactactgg 120

ggccaggga 129

<210> 8192
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8192

Asn Thr Leu Tyr Pro Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Asp Phe Phe Pro Ser Gln Arg Ile Tyr Gly
20 25 30

Ser Gly Ser Cys Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8193
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8193

Cys Thr Arg His Arg Asp His Ile Val Gly Val Gly Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 8194
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8194
aacacggcgt atctgcaaat gaacagcctg aaaaccgagg acacggccgt gtattactgt 60

actagacatc gcgatcatat tgtgggggtt gggtactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8195
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8195

Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Thr Arg His Arg Asp His Ile Val Gly Val Gly Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8196
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8196
tacacggcgt atctgcaaat gaacagcctg aaaaccgagg acacggccgt gtattactgt 60

actagacatc gcgatcatat tgtgggggtt gggtactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8197

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8197

Tyr Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Thr Arg His Arg Asp His Ile Val Gly Val Gly Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8198
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8198

Cys Ala Arg Gly Leu Ile Ala Ala Ala Gly Thr Ala Val Pro Asp Ala
1 5 10 15

Ser Met Asp Val Trp
20

<210> 8199
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8199
aactccttgt atcttcaaat gaacagcctg agagccgggg acacggctgt gtattactgt 60

gcaagagggc tcatagcagc agctggtacc gccgtccctg atgctagtat ggacgtctgg 120

ggccaaggg 129

<210> 8200
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8200

Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Gly Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Gly Leu Ile Ala Ala Ala Gly Thr Ala Val
20 25 30

Pro Asp Ala Ser Met Asp Val Trp Gly Gln Gly
35 40

<210> 8201
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8201
gaactccttg tatcttcaat gaacagcctg agagccgggg acacggctgt gtattactgt 60

gcaagagggc tcatagcagc agctggtacc gccgtccctg atgctagtat ggacgtctgg 120

ggccaaggg 129

<210> 8202
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8202

Glu Leu Leu Val Ser Ser Met Asn Ser Leu Arg Ala Gly Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Gly Leu Ile Ala Ala Ala Gly Thr Ala Val
20 25 30

Pro Asp Ala Ser Met Asp Val Trp Gly Gln Gly
35 40

<210> 8203
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8203

Cys Ala His Arg Leu Arg Tyr Ser Ser Gly Val Asp Tyr Trp
1 5 10

<210> 8204
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8204
catcaccaag gacacctcca aaaccaggtg gtccttacaa tgaccaacat ggaccctgtg 60

gacacagcca catattactg tgcacacaga ctaaggtata gcagtggcgt tgactactgg 120

ggccaggga 129

<210> 8205
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8205

His His Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn
1   5   10   15

Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Leu Arg
            20   25   30

Tyr Ser Ser Gly Val Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8206
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8206
atcaccaagg acacctccaa aaaccaggtg gtccttacaa tgaccaacat ggaccctgtg   60

gacacagcca catattactg tgcacacaga ctaaggtata gcagtggcgt tgactactgg   120

ggccaggga   129

<210> 8207
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8207

Ile Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn
1   5   10   15

Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Leu Arg
            20   25   30

Tyr Ser Ser Gly Val Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8208
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8208

Cys Ala Lys Ala Trp Gly Tyr Ser Ser Gly Trp Tyr Gly Ser Trp Val
1   5   10   15

Ser Glu Asn Ala Phe Asp Ile Trp
            20

<210> 8209
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8209
tatctgcaat tgaacagcct gagagccgag gacacggccg tatattactg tgcgaaagcg   60

tggggatata gcagtggctg gtacgggtcg tgggtcagtg aaaatgcttt tgatatctgg   120

ggccaaggg   129

<210> 8210
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8210

Tyr Leu Gln Leu Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr

1 5 10 15

Cys Ala Lys Ala Trp Gly Tyr Ser Ser Gly Trp Tyr Gly Ser Trp Val
20 25 30

Ser Glu Asn Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8211
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8211
tatctgcaaa tgaacagcct gagagccgag gacacggccg tatattactg tgcgaaagcg 60

tggggatata gcagtggctg gtacgggtcg tgggtcagtg aaaatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8212
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8212

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Lys Ala Trp Gly Tyr Ser Ser Gly Trp Tyr Gly Ser Trp Val
20 25 30

Ser Glu Asn Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8213

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8213

Cys Ala Arg Gly Arg Trp Leu Asp Trp Phe Asp Pro Trp
1 5 10

<210> 8214
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8214
accatgacca cagacacatc cacgagcaca gcctacatgg agctgaggag cctgagatct 60

gacgacatgg ccgtgtatta ctgtgcgaga ggtcggtggc tggactggtt cgacccctgg 120

ggccaggga 129

<210> 8215
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8215

Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg
1 5 10 15

Ser Leu Arg Ser Asp Asp Met Ala Val Tyr Tyr Cys Ala Arg Gly Arg
20 25 30

Trp Leu Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 8216
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8216
accatgacca cagacacatc cacgagcaca gcctacatgg agctgaggag cctgagatct 60

gacgacacgg ccgtgtatta ctgtgcgaga ggtcggtggc tggactggtt cgacccctgg 120

ggccaggga 129

<210> 8217
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8217

Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg
1 5 10 15

Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg
20 25 30

Trp Leu Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 8218
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8218

Cys Ala Lys Glu Glu Tyr Tyr Tyr Asp Ser Ser Gly Pro Asn Trp Phe

1 5 10 15

Asp Pro Trp

<210> 8219
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8219
tccaagaaca cgctgtatct gcaaatgaac agcctgagag ccgaggacac ggccgtatat 60

tactgtgcga aagaagagta ttactatgat agtagtggcc ccaactggtt cgacccctgg 120

ggccaggga 129

<210> 8220
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8220

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Lys Glu Glu Tyr Tyr Tyr Asp Ser Ser
20 25 30

Gly Pro Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 8221
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8221
tccaggaaca cgctgtatct gcaaatgaac agcctgagag ccgaggacac ggccgtatat 60

tactgtgcga aagaagagta ttactatgat agtagtggcc ccaactggtt cgacccctgg 120

ggccaggga 129

<210> 8222
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8222

Ser Arg Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Lys Glu Glu Tyr Tyr Tyr Asp Ser Ser
            20   25   30

Gly Pro Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 8223
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8223

Cys Ala Lys Gly Gly Gly Leu Phe Asp Tyr Trp
1   5   10

<210> 8224
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8224
cggttcacca tctccagata taattccaag aacacgctgt atctgcaaat gaacagcctg 60

agagccgagg acacggccgt atattactgt gcgaaaggag gcggtctctt tgactactgg 120

ggccaggga 129

<210> 8225
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8225

Arg Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
20 25 30

Gly Gly Gly Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8226
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8226
cggttcacca tctccagaga taattccaag aacacgctgt atctgcaaat gaacagcctg 60

agagccgagg acacggccgt atattactgt gcgaaaggag gcggtctctt tgactactgg 120

ggccaggga 129

<210> 8227
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8227

Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1   5   10   15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
            20   25   30

Gly Gly Gly Leu Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8228
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8228

Cys Val Arg Ile Ala Ala Ala Val Asn Asp Ala Phe Asp Ile Trp
1   5   10   15

<210> 8229
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8229
tccagatata tttccaagaa caccctgtat ctgcaaatga acagcctgag agccgaggac   60

acggccgtat attattgtgt gagaattgca gcagctgtta atgatgcttt tgatatctgg   120

ggccgaggg 129

<210> 8230
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8230

Ser Arg Tyr Ile Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Ile Ala Ala Ala
20 25 30

Val Asn Asp Ala Phe Asp Ile Trp Gly Arg Gly
35 40

<210> 8231
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8231
tccagagata tttccaagaa caccctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attattgtgt gagaattgca gcagctgtta atgatgcttt tgatatctgg 120

ggccgaggg 129

<210> 8232
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8232

Ser Arg Asp Ile Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Ile Ala Ala Ala
            20   25   30

Val Asn Asp Ala Phe Asp Ile Trp Gly Arg Gly
        35   40

<210> 8233
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8233

Cys Ala Arg Arg Ser Pro Tyr Ser Ser Ala Trp Tyr Phe Asp Leu Trp
1   5   10   15

<210> 8234
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8234
gccgacaagt ccatcagcac cgcctacctg cagtggagca gcctgaaggc ctcggacacc 60

gccatgtatt actgtgcgag acggtctccg tatagcagtg cctggtactt cgatctctgg 120

ggccgtggc 129

<210> 8235
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8235

Ala Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys
1 5 10 15

Ala Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Arg Ser Pro Tyr Ser
20 25 30

Ser Ala Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 8236
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8236
gccgacaagt ccatcagcac cacttacctg cagtggatca gcctgaaggc ctcggacacc 60

gccatctatt actgtgcgag acggtctccg tatagcagtg cctggtactt cgatctctgg 120

ggccgtggc 129

<210> 8237
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8237

Ala Asp Lys Ser Ile Ser Thr Thr Tyr Leu Gln Trp Ile Ser Leu Lys
1 5 10 15

Ala Ser Asp Thr Ala Ile Tyr Tyr Cys Ala Arg Arg Ser Pro Tyr Ser
20 25 30

Ser Ala Trp Tyr Phe Asp Leu Trp Gly Arg Gly

35 40

<210> 8238
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8238

Cys Ala Lys Asp Leu Arg Gly Asp Glu Glu Asp Tyr Trp
1 5 10

<210> 8239
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8239
tacatctcca gagacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ctgtgtatta ctgtgcgaaa gatttaagag gggatgagga ggactactgg 120

ggccaggga 129

<210> 8240
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8240

Tyr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu
20 25 30

Arg Gly Asp Glu Glu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8241
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8241
accatctcca gagacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ctgtgtatta ctgtgcgaaa gatttaagag gggatgagga ggactactgg 120

ggccaggga 129

<210> 8242
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8242

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu
            20   25   30

Arg Gly Asp Glu Glu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8243
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8243

Cys Ala Lys Ala Tyr Glu Ala Val Ala Thr Gly Trp Phe Tyr Tyr Tyr
1 5 10 15

Gly Ser Gly Ser Tyr Tyr Lys Glu Tyr Phe Gln His Trp
20 25

<210> 8244
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8244
tgcctgagag ccgaggacac ggccgtatat tactgtgcga aagcttacga ggccgtcgcc 60

accgggtggt tctattacta tggttcgggg agttattata aggaatactt ccagcactgg 120

ggccagggc 129

<210> 8245
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8245

Cys Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ala Tyr
1 5 10 15

Glu Ala Val Ala Thr Gly Trp Phe Tyr Tyr Tyr Gly Ser Gly Ser Tyr
20 25 30

Tyr Lys Glu Tyr Phe Gln His Trp Gly Gln Gly
35 40

<210> 8246

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8246
agcctgagag ccgaggacac ggccgtatat tactgtgcga aagcttacga ggccgtcgcc 60

accgggtggt tctattacta tggttcgggg agttattata aggaatactt ccagcactgg 120

ggccagggc 129

<210> 8247
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8247

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ala Tyr
1 5 10 15

Glu Ala Val Ala Thr Gly Trp Phe Tyr Tyr Tyr Gly Ser Gly Ser Tyr
20 25 30

Tyr Lys Glu Tyr Phe Gln His Trp Gly Gln Gly
35 40

<210> 8248
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8248

Cys Ala Leu Asn Leu Gly Tyr Cys Ser Gly Gly Ser Cys Tyr Ser Glu
1 5 10 15

Asn Tyr Leu Asp Tyr Trp
            20

<210> 8249
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8249
tcgatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg   60

ctaaacctag gatattgtag tggtggtagc tgctactcag aaaattatct tgactactgg   120

ggccaggga   129

<210> 8250
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8250

Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Leu Asn Leu Gly Tyr Cys Ser Gly Gly Ser Cys Tyr
            20   25   30

Ser Glu Asn Tyr Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8251
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8251
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

ctaaacctag gatattgtag tggtggtagc tgctactcag aaaattatct tgactactgg 120

ggccaggga 129

<210> 8252
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8252

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Leu Asn Leu Gly Tyr Cys Ser Gly Gly Ser Cys Tyr
20 25 30

Ser Glu Asn Tyr Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 8253
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8253

Cys Ala His Ser Gly Lys Thr Arg Leu Gly Glu Leu Ser Pro Asp Tyr
1 5 10 15

Trp

<210> 8254

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8254
gacacctcca aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacag cgggaaaact cgtttggggg agttatcgcc tgactactgg 120

ggccaggga 129

<210> 8255
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8255

Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Gly Lys Thr Arg Leu
20 25 30

Gly Glu Leu Ser Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 8256
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8256
ggacacctcc aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacag cgggaaaact cgtttggggg agttatcgcc tgactactgg 120

ggccaggga 129

<210> 8257
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8257

Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Gly Lys Thr Arg Leu
20 25 30

Gly Glu Leu Ser Pro Asp Tyr Trp Gly Gln Gly
35 40

<210> 8258
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8258

Cys Ala Arg Glu Asn Ser Ile Thr Gly Thr Thr Pro Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 8259
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8259
tgcacagcct acttggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagaga acagtataac tggaacgacg ccttactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8260
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8260

Cys Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Asn Ser Ile Thr Gly Thr Thr Pro Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8261
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8261
agcacagcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagaga acagtataac tggaacgacg ccttactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8262
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8262

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Asn Ser Ile Thr Gly Thr Thr Pro Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8263
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8263

Cys Ala Arg Asp Ile Gly Ser Gly Trp Glu Ile Tyr Val Asp Tyr Trp
1 5 10 15

<210> 8264
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8264
acagacaaat ccacgagcac agcctgcatg gagccgagga gcctgagatc tgacgacacg 60

gccgtttatt actgtgcgag agatattggc agtggctggg aaatttatgt tgactactgg 120

ggccaggga 129

<210> 8265

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8265

Thr Asp Lys Ser Thr Ser Thr Ala Cys Met Glu Pro Arg Ser Leu Arg
1 5 10 15

Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ile Gly Ser Gly
20 25 30

Trp Glu Ile Tyr Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 8266
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8266
acagacaaat ccacgagcac agcctacatg gagctgagga gcctgagatc tgacgacacg 60

gccgtttatt actgtgcgag agatattggc agtggctggg aaatttatgt tgactactgg 120

ggccaggga 129

<210> 8267
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8267

Thr Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg
1 5 10 15

Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ile Gly Ser Gly
20 25 30

Trp Glu Ile Tyr Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 8268
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8268

Cys Ala Arg Asp Met Val Ala Ala Ala Gly Thr Pro Phe Asp Tyr Trp
1 5 10 15

<210> 8269
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8269
tgggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agatatggta gcagcagctg gtacccccctt tgactactgg 120

ggccaggga 129

<210> 8270
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8270

Trp Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg

1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Met Val Ala Ala
20 25 30

Ala Gly Thr Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8271
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8271
agggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agatatggta gcagcagctg gtacccccctt tgactactgg 120

ggccaggga 129

<210> 8272
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8272

Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Met Val Ala Ala
20 25 30

Ala Gly Thr Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8273

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8273

Cys Ala Arg Asp Thr Pro Leu Gly Tyr Cys Ser Gly Gly Ser Cys Pro
1 5 10 15

Asp Ala Phe Asp Ile Trp
20

<210> 8274
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8274
acagcctact tggagctgag gagcctgaga tctgacgaca cggccgtgta ttactgtgcg 60

agagacacac ccctaggata ttgtagtggt ggtagctgtc ctgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8275
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8275

Thr Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Asp Thr Pro Leu Gly Tyr Cys Ser Gly Gly Ser
20 25 30

Cys Pro Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8276
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8276
acagcctaca tggagctgag gagcctgaga tctgacgaca cggccgtgta ttactgtgcg 60

agagacacac ccctaggata ttgtagtggt ggtagctgtc ctgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8277
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8277

Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Asp Thr Pro Leu Gly Tyr Cys Ser Gly Gly Ser
20 25 30

Cys Pro Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8278
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8278

Cys Ala Arg Glu Val Val Ile Ala Ala Arg Ser Pro Phe Asp Tyr Trp
1 5 10 15

<210> 8279
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8279
ccagacacat ccaggaacca gttctccctg cagctgaact ctgtgactcc cgaggacacg 60

gctgtgtatt actgtgcaag agaagtggtt atagcagctc gctccccttt tgactactgg 120

ggccaggga 129

<210> 8280
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8280

Pro Asp Thr Ser Arg Asn Gln Phe Ser Leu Gln Leu Asn Ser Val Thr
1 5 10 15

Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Val Val Ile Ala
20 25 30

Ala Arg Ser Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8281
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8281
ccagacacat ccaagaacca gttctccctg cagctgaact ctgtgactcc cgaggacacg 60

gctgtgtatt actgtgcaag agaagtggtt atagcagctc gctccccttt tgactactgg 120

ggccaggga 129

<210> 8282
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8282

Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser Val Thr
1   5   10   15

Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Val Val Ile Ala
            20   25   30

Ala Arg Ser Pro Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8283
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8283

Cys Thr Thr Glu Val Val Ala Ala Thr Pro Val Asp Tyr Trp
1   5   10

<210> 8284
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8284
atctcaaggg atgattcaaa aaacacgctg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacagccg tgtattactg taccacagaa gtggtagctg ctactccggt tgactactgg 120

ggccaggga 129

<210> 8285
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8285

Ile Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Thr Glu Val Val
20 25 30

Ala Ala Thr Pro Val Asp Tyr Trp Gly Gln Gly
35 40

<210> 8286
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8286
atctcaagag atgattcaaa aaacacgctg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacagccg tgtattactg taccacagaa gtggtagctg ctactccggt tgactactgg 120

ggccaggga 129

<210> 8287
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8287

Cys Ala Lys Arg Asp Tyr Tyr Gly Ser Gly His Tyr Trp
1 5 10

<210> 8288
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8288
accatctcca gagacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaag agggattact atggttcagg acactactgg 120

ggccaggga 129

<210> 8289
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8289

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Arg Asp
20 25 30

Tyr Tyr Gly Ser Gly His Tyr Trp Gly Gln Gly

35 40

<210> 8290
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8290
accatctcca gacacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaag agggattact atggttcagg acactactgg 120

ggccaggga 129

<210> 8291
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8291

Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Arg Asp
20 25 30

Tyr Tyr Gly Ser Gly His Tyr Trp Gly Gln Gly
35 40

<210> 8292
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8292

```
Cys Ala Lys Asp Ala Val Pro Val Thr Val Glu Asp Tyr Asn Trp Phe
1               5                   10                  15


Asp Ala Trp
```

<210> 8293
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8293
tctgtcaaca cggcctatat actgctcagt ggactaaaga ctgacgacac tgccgtctat 60

tactgtgcca aagatgcggt gccagtcact gttgaggact ataactggtt cgacgcctgg 120

ggtcaggga 129

<210> 8294
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8294

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


Thr Ala Val Tyr Tyr Cys Ala Lys Asp Ala Val Pro Val Thr Val Glu
            20                  25                  30


Asp Tyr Asn Trp Phe Asp Ala Trp Gly Gln Gly
        35                  40
```

<210> 8295
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8295
tatgtcaaca cggcctatat actgctcagt ggactaaaga ctgacgacac tgccgtctat 60

tactgtgcca aagatgcggt gccagtcact gttgaggact ataactggtt cgacgcctgg 120

ggtcaggga 129

<210> 8296
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8296

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

Thr Ala Val Tyr Tyr Cys Ala Lys Asp Ala Val Pro Val Thr Val Glu
20 25 30

Asp Tyr Asn Trp Phe Asp Ala Trp Gly Gln Gly
35 40

<210> 8297
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8297

Cys Ala Arg Glu Pro Thr Gly Gln Leu Trp Val Arg Asn Trp Phe Asp
1 5 10 15

Pro Trp

<210> 8298
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8298
acatccaaga accacgtctc cctgcagctg aactctgtga ctcccgagga cacggctgtc 60

tattattgtg caagagaacc gacaggacag ctatgggtga ggaactggtt cgacccctgg 120

ggccaggga 129

<210> 8299
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8299

Thr Ser Lys Asn His Val Ser Leu Gln Leu Asn Ser Val Thr Pro Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Pro Thr Gly Gln Leu Trp
20 25 30

Val Arg Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 8300
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8300

acatccaaga accacgtctc cctgcagctg aaccctgtga ctcccgagga cacggctgtc 60

tattattgtg caagagaacc gacaggacag ctatgggtga ggaactggtt cgacccctgg 120

ggccaggga 129

<210> 8301
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8301

Thr Ser Lys Asn His Val Ser Leu Gln Leu Asn Pro Val Thr Pro Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Pro Thr Gly Gln Leu Trp
20 25 30

Val Arg Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 8302
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8302

Cys Ala Lys Ile Leu Ala Thr Tyr Tyr Asp Leu Leu Thr Gly Tyr Ala
1 5 10 15

Leu Asp Tyr Trp
20

<210> 8303
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8303
aaggacacgc ttaatctgca aatgaacagc ctgagaggcg aggacacggc cgtatattac 60

tgtgcgaaaa tattggcgac gtattacgat cttttgactg gttatgctct agactactgg 120

ggccaggga 129

<210> 8304
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8304

Lys Asp Thr Leu Asn Leu Gln Met Asn Ser Leu Arg Gly Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Lys Ile Leu Ala Thr Tyr Tyr Asp Leu Leu
20 25 30

Thr Gly Tyr Ala Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 8305
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8305
aaggacacgc tgaatctgca aatgaacagc ctgagagtcg aggacacggc cgtatattac 60

tgtgcgaaaa tattggcgac gtattacgat cttttgactg gttatgctct agactactgg 120

ggccaggga 129

<210> 8306
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8306

Lys Asp Thr Leu Asn Leu Gln Met Asn Ser Leu Arg Val Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Lys Ile Leu Ala Thr Tyr Tyr Asp Leu Leu
            20   25   30

Thr Gly Tyr Ala Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8307
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8307

Cys Ala Arg Gly Leu Leu Gly Ser Gly Ser Tyr Tyr Arg Pro Asn Tyr
1   5   10   15

Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
            20   25

<210> 8308
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8308

ttggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagaggactt 60

ttaggttcag ggagttatta ccgcccgaat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8309
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8309

Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Gly Leu Leu Gly Ser Gly Ser Tyr Tyr Arg Pro Asn Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8310
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8310
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagaggactt 60

ttaggttcag ggagttatta ccgcccgaat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8311
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8311

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Gly Leu Leu Gly Ser Gly Ser Tyr Tyr Arg Pro Asn Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8312
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8312

Cys Ala Lys Leu Gln Arg Gly Gln Gln Leu Val Ser Pro Ala Leu Asp
1   5   10   15

Tyr Trp

<210> 8313
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8313
aattccaaga acacgctgta tctgcaaatg aacagcctga gagccgagga cacggccgta   60

tattactgtg cgaaactcca aaggggacag cagctggtat ccccggcgct ggactactgg   120

ggccaggga   129

<210> 8314
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8314

Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Leu Gln Arg Gly Gln Gln Leu
20 25 30

Val Ser Pro Ala Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 8315
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8315
aattccaaga acacactgta tctgcaaatg aacagcctga gagccgagga cacggccgta 60

tattactgtg cgaaactcca aaggggacag cagctggtat ccccggcgct ggactactgg 120

ggccaggga 129

<210> 8316
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8316

Cys Ala His Met Trp Gln Tyr Ser Ser Ser Pro Tyr Phe Asp Tyr Trp

1 5 10 15

<210> 8317
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8317
caaggacacc tccaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca catgtggcaa tatagcagct cgccttactt tgactactgg 120

ggccaggga 129

<210> 8318
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8318

Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Met Trp Gln Tyr Ser
20 25 30

Ser Ser Pro Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8319
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8319

aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca catgtggcaa tatagcagct cgccttactt tgactactgg 120

ggccaggga 129

<210> 8320
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8320

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Met Trp Gln Tyr Ser
20 25 30

Ser Ser Pro Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8321
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8321

Cys Ala Arg Glu Thr Tyr Tyr Tyr Gly Ser Gly Ser His Gly Asn Phe
1 5 10 15

Asp Tyr Trp

<210> 8322
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8322
gccaaggact cactgtatct gcaaatgaac agcctgagag acgaggacac ggctgtgtat 60

tactgtgcga gggaaacgta ttactatggt tcggggagtc atgggaactt tgactactgg 120

ggccaggga 129

<210> 8323
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8323

Ala Lys Asp Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Asp Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg Glu Thr Tyr Tyr Tyr Gly Ser Gly
20 25 30

Ser His Gly Asn Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8324
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8324
gccaagaact cactgtatct gcaaatgaac agcctgagag acgaggacac ggctgtgtat 60

tactgtgcga gggaaacgta ttactatggt tcggggagtc atgggaactt tgactactgg 120

ggccaggga 129

<210> 8325
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8325

Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Asp Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Arg Glu Thr Tyr Tyr Tyr Gly Ser Gly
            20   25   30

Ser His Gly Asn Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8326
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8326

Cys Ala Lys Asp Arg Asn Gly Gly Ser Gly Ser Tyr Ser Phe Ala Phe
1   5   10   15

Asp Ile Trp

<210> 8327
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8327

tccaataact cgctgtatct gcaaatgaac agcctgagag ccgaggacac ggccgtatat 60

tactgtgcga aagataggaa cggagggagt gggagctact cttttgcttt tgatatctgg 120

ggccaaggg 129

<210> 8328
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8328

Ser Asn Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Asn Gly Gly Ser Gly Ser
20 25 30

Tyr Ser Phe Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8329
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8329
tccaagaaca cgctgtatct gcaaatgaac agcctgagag ccgaggacac ggccgtatat 60

tactgtgcga aagataggaa cggagggagt gggagctact cttttgcttt tgatatctgg 120

ggccaaggg 129

<210> 8330
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8330

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Asn Gly Gly Ser Gly Ser
            20   25   30

Tyr Ser Phe Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 8331
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8331

Cys Ala His Val Asn Leu Arg Tyr Phe Ala Ser Gly Asn Phe Tyr Thr
1   5   10   15

Thr Phe Asp Tyr Trp
            20

<210> 8332
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8332
aatcaggtgg tccttacaat gaccaacgtg gaccctgtgg acacagccac atatttctgc   60

gcacacgtga atctccggta ctttgcttcg ggaaattttt ataccacttt tgactactgg   120

ggccaggga   129

<210> 8333
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8333

Asn Gln Val Val Leu Thr Met Thr Asn Val Asp Pro Val Asp Thr Ala
1 5 10 15

Thr Tyr Phe Cys Ala His Val Asn Leu Arg Tyr Phe Ala Ser Gly Asn
20 25 30

Phe Tyr Thr Thr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8334
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8334
aatcaggtgg tccttacaat gaccaacgtg gaccccgtgg acacagccac atatttctgc 60

gcacacgtga atctccggta ctttgcttcg ggaaattttt ataccacttt tgactactgg 120

ggccaggga 129

<210> 8335
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8335

Cys Ala Arg Gly Val Leu Tyr Ser Ser Ser Pro Arg Trp Asp Asp Ala

1 5 10 15

Phe Asp Ile Trp
20

<210> 8336
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8336
acgagcacag cctacatgga gctgaggagc ctgagatctg acgacacggc cgtgtattgc 60

tgtgcgaggg gggtcctgta tagcagctcg ccccgttggg atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8337
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8337

Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr
1 5 10 15

Ala Val Tyr Cys Cys Ala Arg Gly Val Leu Tyr Ser Ser Ser Pro Arg
20 25 30

Trp Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8338
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8338
acgagcacag cctacatgga gctgaggagc ctgagatctg acgacacggc cgtgtattac 60

tgtgcgaggg gggtcctgta tagcagctcg ccccgttggg atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8339
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8339

Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg Gly Val Leu Tyr Ser Ser Ser Pro Arg
            20   25   30

Trp Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 8340
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8340

Cys Ala Arg Gln Gly Gly Ser Gly Ser Tyr Thr Tyr Tyr Gly Met Asp
1   5   10   15

Val Trp

<210> 8341
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8341
tcgtccaaga accagtgctc cctgaagctg agctctgtga ccgccgcaga cacggctgtg 60

tattactgtg cgagacaggg aggttcgggg agttatacct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8342
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8342

Ser Ser Lys Asn Gln Cys Ser Leu Lys Leu Ser Ser Val Thr Ala Ala
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gln Gly Gly Ser Gly Ser Tyr
20 25 30

Thr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8343
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8343
acgtccaaga accagttctc cctgaagctg agctctgtga ccgccgcaga cacggctgtg 60

tattactgtg cgagacaggg aggttcgggg agttatacct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8344
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8344

Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gln Gly Gly Ser Gly Ser Tyr
20 25 30

Thr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8345
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8345

Cys Ala Arg Asp Val Asp Ser Ser Gly Trp Tyr Tyr Phe Asp Tyr Trp
1 5 10 15

<210> 8346
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8346

gcggacaaat ccacgagcac agcctacatg gagctgagca gcctgagatc tgaggacgcg 60

gccgtgtatt actgtgcgag agacgtggac agcagtggct ggtactactt tgactactgg 120

ggccaggga 129

<210> 8347
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8347

Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Ala Ala Val Tyr Tyr Cys Ala Arg Asp Val Asp Ser Ser
20 25 30

Gly Trp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8348
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8348
gcggacaaat ccacgagcac agcctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agacgtggac agcagtggct ggtactactt tgactactgg 120

ggccaggga 129

<210> 8349
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8349

Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1   5   10   15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Val Asp Ser Ser
            20   25   30

Gly Trp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8350
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8350

Cys Ala Arg Asp Ala Arg Glu Val Lys Gln Tyr Arg Gly Phe Asp Pro
1   5   10   15

Trp

<210> 8351
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8351
gacaacgcca agaactcgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc   60

gtgtattact gtgcgagaga cgcgagagag gtaaagcagt accgtgggtt cgacccctgg   120

ggccaggga   129

<210> 8352
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8352

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ala Arg Glu Val Lys
20 25 30

Gln Tyr Arg Gly Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 8353
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8353
gacaacgcca agaactcact gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtgtattact gtgcgagaga cgcgagagag gtaaagcagt accgtgggtt cgacccctgg 120

ggccaggga 129

<210> 8354
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8354

Cys Ile Ala Thr Val Val Ser Pro Leu Asp Tyr Trp

1 5 10

<210> 8355
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8355
ttcaccatct ccatagatta ttcaaagaac acggcttttc tacaaatgaa cagcctggaa 60

accgaggaca cggccgtgta ttactgtatt gctacggtgg taagcccgct tgactactgg 120

ggccaggga 129

<210> 8356
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8356

Phe Thr Ile Ser Ile Asp Tyr Ser Lys Asn Thr Ala Phe Leu Gln Met
1 5 10 15

Asn Ser Leu Glu Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ile Ala Thr
20 25 30

Val Val Ser Pro Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 8357
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8357

ttcaccatct ccagagatga ttcaaagaac acggcttttc tacaaatgaa cagcctggaa 60

accgaggaca cggccgtgta ttactgtatt gctacggtgg taagcccgct tgactactgg 120

ggccaggga 129

<210> 8358
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8358

Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Ala Phe Leu Gln Met
1 5 10 15

Asn Ser Leu Glu Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ile Ala Thr
20 25 30

Val Val Ser Pro Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 8359
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8359

Cys Ala Arg Glu Gly Leu Thr Thr Ile Ala Ala Ala Gly Glu Asn Tyr
1 5 10 15

Phe Asp Tyr Trp
20

<210> 8360
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8360
acgagcacag cctacttgga gctgaggagc ctgagatctg acgacacggc cgtgtattac 60

tgtgcgagag agggcctcac gacaatagca gcagctgggg aaaactactt tgactactgg 120

ggccaggga 129

<210> 8361
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8361

Thr Ser Thr Ala Tyr Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Glu Gly Leu Thr Thr Ile Ala Ala Ala
20 25 30

Gly Glu Asn Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8362
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8362
acgagcacag cctacatgga gctgaggagc ctgagatctg acgacacggc cgtgtattac 60

tgtgcgagag agggcctcac gacaatagca gcagctgggg aaaactactt tgactactgg 120

ggccaggga 129

<210> 8363
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8363

Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg Glu Gly Leu Thr Thr Ile Ala Ala Ala
            20   25   30

Gly Glu Asn Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8364
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8364

Cys Ala Lys Val Ser Pro Tyr Ser Gly Ser Tyr Tyr Phe Tyr Tyr Tyr
1   5   10   15

Tyr Gly Met Asp Val Trp
            20

<210> 8365
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8365

tcgatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagtttcgc cgtatagtgg gagctactac ttctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8366
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8366

Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Val Ser Pro Tyr Ser Gly Ser Tyr Tyr Phe Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8367
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8367
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagtttcgc cgtatagtgg gagctactac ttctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8368
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8368

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Lys Val Ser Pro Tyr Ser Gly Ser Tyr Tyr Phe Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8369
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8369

Cys Ala Ala Gln Asp Ala Ala Met Val Ala Pro Gly Tyr Tyr Tyr Tyr
1   5   10   15

Ala Met Asp Val Trp
            20

<210> 8370
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8370
tgcacagtct acttggagct gagcaggctg aaatttgacg acacggccgt gttttactgt   60

gcggcccagg atgcagctat ggttgcgccg ggctactact actacgctat ggacgtctgg   120

ggccaaggg   129

<210> 8371
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8371

Cys Thr Val Tyr Leu Glu Leu Ser Arg Leu Lys Phe Asp Asp Thr Ala
1 5 10 15

Val Phe Tyr Cys Ala Ala Gln Asp Ala Ala Met Val Ala Pro Gly Tyr
20 25 30

Tyr Tyr Tyr Ala Met Asp Val Trp Gly Gln Gly
35 40

<210> 8372
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8372
agcacagtct acatggagct gagcaggctg aaatttgacg acacggccgt gttttactgt 60

gcggcccagg atgcagctat ggttgcgccg ggctactact actacgctat ggacgtctgg 120

ggccaaggg 129

<210> 8373
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8373

Ser Thr Val Tyr Met Glu Leu Ser Arg Leu Lys Phe Asp Asp Thr Ala

1 5 10 15

Val Phe Tyr Cys Ala Ala Gln Asp Ala Ala Met Val Ala Pro Gly Tyr
20 25 30

Tyr Tyr Tyr Ala Met Asp Val Trp Gly Gln Gly
35 40

<210> 8374
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8374

Cys Ala Arg Glu Asp Ser Gly Ser Asn Gln Phe Asp Tyr Trp
1 5 10

<210> 8375
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8375
atctccatac acaattccaa gaacacgctg tatcttcaaa tgaacagcct gagagccgag 60

gacacggccg tgtattactg tgcgagagag gatagtggga gcaaccaatt tgactactgg 120

ggccaggga 129

<210> 8376
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8376

Ile Ser Ile His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Asp Ser
            20 25 30

Gly Ser Asn Gln Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 8377
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8377
atctccagag acaattccaa gaacacgctg tatcttcaaa tgaacagcct gagagccgag 60

gacacggccg tgtattactg tgcgagagag gatagtggga gcaaccaatt tgactactgg 120

ggccaggga 129

<210> 8378
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8378

Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Asp Ser
            20 25 30

Gly Ser Asn Gln Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 8379
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8379

Cys Ala His Thr Ala Glu Phe Gly Gly Val Ile Val Glu Tyr Tyr Phe
1 5 10 15

Asp Tyr Trp

<210> 8380
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8380
tccaaaaacc aggtggtcct tacaatgacc aacatggacc ctgtggacac agccacatat 60

tactgtgcac acacggccga atttggggga gttatcgtag agtactactt tgactactgg 120

ggccaggga 129

<210> 8381
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8381

Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp
1 5 10 15

Thr Ala Thr Tyr Tyr Cys Ala His Thr Ala Glu Phe Gly Gly Val Ile

```
            20                  25                  30

Val Glu Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  8382
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  8382
ctccaaaacc aggtggtcct tacaatgacc aacatggacc ctgtggacac agccacatat       60

tactgtgcac acacggccga atttggggga gttatcgtag agtactactt tgactactgg      120

ggccaggga                                                              129


<210>  8383
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  8383

Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp
1               5                   10                  15


Thr Ala Thr Tyr Tyr Cys Ala His Thr Ala Glu Phe Gly Gly Val Ile
            20                  25                  30


Val Glu Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  8384
<211>  16
<212>  PRT
<213>  Artificial Sequence
```

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8384

Cys Ala Lys Asp Leu Arg Tyr Tyr Tyr Asp Ser Ser Gly Val Asp Trp
1   5   10   15

<210> 8385
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8385
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacgcg   60

gccgtatatt actgtgcgaa agatctgagg tattactatg atagtagtgg ggtcgactgg   120

ggccaggga   129

<210> 8386
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8386

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Ala Ala Val Tyr Tyr Cys Ala Lys Asp Leu Arg Tyr Tyr
            20   25   30

Tyr Asp Ser Ser Gly Val Asp Trp Gly Gln Gly
        35   40

<210> 8387
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8387
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa agatctgagg tattactatg atagtagtgg ggtcgactgg 120

ggccaggga 129

<210> 8388
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8388

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Arg Tyr Tyr
20 25 30

Tyr Asp Ser Ser Gly Val Asp Trp Gly Gln Gly
35 40

<210> 8389
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8389

Cys Ala Lys Asp Glu Asp Ser Gly Tyr Gly Trp Phe Asp Tyr Trp
1 5 10 15

<210> 8390

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8390
tccagagaca attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggctgtgt attactgtgc gaaagatgag gatagtggct acggatggtt tgactactgg 120

ggccaggga 129

<210> 8391
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8391

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Glu Asp Ser
20 25 30

Gly Tyr Gly Trp Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8392
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8392
tccagagaca attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggctgtgt actactgtgc gaaagatgag gatagtggct acggatggtt tgactactgg 120

ggccaggga 129

<210> 8393
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8393

Cys Ala Arg Ala Val Ala Gly Ser Ile Thr Met Val Arg Glu Leu Pro
1 5 10 15

Pro Tyr Tyr Tyr Gly Met Asp Val Trp
20 25

<210> 8394
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8394
ttggagctga gctggctgag atctgacgac acggccgtgt attactgtgc gagagcagtg 60

gctgggagta ttactatggt tcgggaacta ccccctact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8395
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8395

Leu Glu Leu Ser Trp Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Ala Val Ala Gly Ser Ile Thr Met Val Arg Glu Leu Pro Pro
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8396
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8396
atggagctga gcaggctgag atctgacgac acggccgtgt attactgtgc gagagcagtg 60

gctgggagta ttactatggt tcgggaacta ccccctact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8397
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8397

Met Glu Leu Ser Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Ala Val Ala Gly Ser Ile Thr Met Val Arg Glu Leu Pro Pro
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8398
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8398

Cys Ala Arg Arg Gly Thr Gly Ala Asp Asp Ala Phe Asp Ile Trp
1   5   10   15

<210> 8399
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8399
tcagccgaca ggtccatcag caccgcctac ctgcagtgga gcagcctgaa ggcctcggac   60

accgccatgt atcactgtgc gagacgggga actggagcag atgatgcttt tgatatctgg   120

ggccaaggg   129

<210> 8400
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8400

Ser Ala Asp Arg Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu
1   5   10   15

Lys Ala Ser Asp Thr Ala Met Tyr His Cys Ala Arg Arg Gly Thr Gly
            20   25   30

Ala Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 8401

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8401
tcagccgaca agtccatcag caccgcctac ctgcagtgga gcagcctgaa ggcctcggac 60

accgccatgt attactgtgc gagacgggga actggagcag atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8402
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8402

Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu
1 5 10 15

Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Arg Gly Thr Gly
20 25 30

Ala Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8403
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8403

Cys Ala Arg Ala Pro Asp Tyr Tyr Gly Ser Gly Arg His Phe Asp Tyr
1 5 10 15

Trp

<210> 8404
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8404
gacacctcca aaaaccaggt ggtcctttca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacgcgc cccggattac tatggttcgg ggagacactt tgactactgg 120

ggccaggga 129

<210> 8405
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8405

Asp Thr Ser Lys Asn Gln Val Val Leu Ser Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ala Pro Asp Tyr Tyr Gly
20 25 30

Ser Gly Arg His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8406
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8406
ggacacctcc aaaaccaggt ggtcctttca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacgcgc cccggattac tatggttcgg ggagacactt tgactactgg 120

ggccaggga 129

<210> 8407
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8407

Gly His Leu Gln Asn Gln Val Val Leu Ser Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ala Pro Asp Tyr Tyr Gly
20 25 30

Ser Gly Arg His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8408
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8408

Cys Ala Arg Leu Asn Asp Thr Ser Ser Phe Asp Tyr Trp
1 5 10

<210> 8409
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8409
accatcagcc cagacacatc caagaaccag ttctccctgc agctgaactc tgtgactccc 60

gaggacacgg ctgtttatta ttgtgcaaga cttaatgaca cctcgtcctt tgactactgg 120

ggcctggga 129

<210> 8410
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8410

Thr Ile Ser Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn
1   5   10   15

Ser Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Asn
            20   25   30

Asp Thr Ser Ser Phe Asp Tyr Trp Gly Leu Gly
        35   40

<210> 8411
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8411
accatcaacc cagacacatc caagaaccag ttctccctgc agctgaactc tgtgactccc 60

gaggacacgg ctgtgtattt ttgtgcaaga cttaatgaca cctcgtcctt tgactactgg 120

ggcctggga 129

<210> 8412

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8412

Thr Ile Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn
1 5 10 15

Ser Val Thr Pro Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Leu Asn
20 25 30

Asp Thr Ser Ser Phe Asp Tyr Trp Gly Leu Gly
35 40

<210> 8413
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8413

Cys Ala Lys Gly Tyr Asp Phe Trp Ser His Tyr Gln Asn Asp Cys Trp
1 5 10 15

<210> 8414
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8414
agagacaatt ccaagaacac gctatatcta caaatgaaca gcctgagagc cgaggacacg 60

gccctatatt actgtgcgaa aggatacgat ttttggagtc attatcaaaa tgactgctgg 120

ggccaggga 129

<210> 8415
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8415

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Gly Tyr Asp Phe Trp
20 25 30

Ser His Tyr Gln Asn Asp Cys Trp Gly Gln Gly
35 40

<210> 8416
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8416
agagacaatt ccaacaacac gatatatcta caaatgaaca gcctgagagc cgaggacacg 60

gccctatatt actgtgcgaa aggatacgat ttttggagtc attatcaaaa tgactgctgg 120

ggccaggga 129

<210> 8417
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8417

Arg Asp Asn Ser Asn Asn Thr Ile Tyr Leu Gln Met Asn Ser Leu Arg

1 5 10 15

Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Gly Tyr Asp Phe Trp
20 25 30

Ser His Tyr Gln Asn Asp Cys Trp Gly Gln Gly
35 40

<210> 8418
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8418

Cys Gly Arg Gly Ser Phe Pro Ser Ser Ser Ala Phe Trp
1 5 10

<210> 8419
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8419
tacatatcac ttgacacgtc caagaaccag ttctccctga acctgacctc tgtgaccgcc 60

gcggacacgg ccgtgtatta ttgtgggaga gggtcatttc catcaagttc tgccttctgg 120

ggccaggga 129

<210> 8420
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8420

Tyr Ile Ser Leu Asp Thr Ser Lys Asn Gln Phe Ser Leu Asn Leu Thr
1 5 10 15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Gly Arg Gly Ser
            20 25 30

Phe Pro Ser Ser Ser Ala Phe Trp Gly Gln Gly
        35 40

<210> 8421
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8421
accatatcac ttgacacgtc caagaaccag ttctccctga acctgacctc tgtgaccgcc 60

gcggacacgg ccgtgtatta ttgtgggaga gggtcatttc catcaagttc tgccttctgg 120

ggccaggga 129

<210> 8422
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8422

Thr Ile Ser Leu Asp Thr Ser Lys Asn Gln Phe Ser Leu Asn Leu Thr
1 5 10 15

Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Gly Arg Gly Ser
            20 25 30

Phe Pro Ser Ser Ser Ala Phe Trp Gly Gln Gly
        35 40

<210> 8423
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8423

Cys Ala His Arg Leu Asn Gly Gly Gly Gly Phe Asp Tyr Trp
1 5 10

<210> 8424
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8424
catcaccaag gacacctcca aaaccaggtg gtcctcagaa tgaccaacat ggaccctgtg 60

gacacagcca catattactg tgcacacaga cttaatggtg gaggcggctt tgactactgg 120

ggccaggga 129

<210> 8425
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8425

His His Gln Gly His Leu Gln Asn Gln Val Val Leu Arg Met Thr Asn
1 5 10 15

Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Leu Asn
20 25 30

Gly Gly Gly Gly Phe Asp Tyr Trp Gly Gln Gly

35 40

<210> 8426
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8426
atcaccaagg acacctccaa aaaccaggtg gtcctcagaa tgaccaacat ggaccctgtg 60

gacacagcca catattactg tgcacacaga cttaatggtg gaggcggctt tgactactgg 120

ggccaggga 129

<210> 8427
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8427

Ile Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Arg Met Thr Asn
1 5 10 15

Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Leu Asn
20 25 30

Gly Gly Gly Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8428
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8428

Cys Val Arg Asp Ser Phe Leu Val Glu Gln Val Ala Pro Ser Trp Gly
1   5   10   15

Cys Asp His Trp
            20

<210> 8429
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8429
caaaacacgc agtttctgca aatgagcaac ctgagagtcg aaggctccgc tgtgtatttc 60

tgtgtgagag atagtttttt ggtcgaacaa gtggcgccct cctgggggtg tgaccactgg 120

ggcctggga 129

<210> 8430
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8430

Gln Asn Thr Gln Phe Leu Gln Met Ser Asn Leu Arg Val Glu Gly Ser
1   5   10   15

Ala Val Tyr Phe Cys Val Arg Asp Ser Phe Leu Val Glu Gln Val Ala
            20   25   30

Pro Ser Trp Gly Cys Asp His Trp Gly Leu Gly
        35   40

<210> 8431
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8431
caaaacacgc agtttctgca aatgagcaac ctgagagtcg aagactccgc tgtgtatttc 60

tgtgtgagag atagtttttt ggtcgaacaa gtggcgccct cctgggggtg tgaccactgg 120

ggcctggga 129

<210> 8432
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8432

Gln Asn Thr Gln Phe Leu Gln Met Ser Asn Leu Arg Val Glu Asp Ser
1 5 10 15

Ala Val Tyr Phe Cys Val Arg Asp Ser Phe Leu Val Glu Gln Val Ala
20 25 30

Pro Ser Trp Gly Cys Asp His Trp Gly Leu Gly
35 40

<210> 8433
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8433

Cys Ala Arg Gly Asp Tyr Ser Asn Tyr Ala Val Met Gly Leu Gly Tyr
1 5 10 15

Trp

<210> 8434
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8434
gacaattcca agaacacgct gtatcttcaa atgaacagcc tgagagccga ggacacggcc 60

gtgtattact gtgcgagggg ggactacagt aactacgctg tgatggggtt gggctactgg 120

ggccaggga 129

<210> 8435
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8435

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asp Tyr Ser Asn Tyr
20 25 30

Ala Val Met Gly Leu Gly Tyr Trp Gly Gln Gly
35 40

<210> 8436
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8436

gacaattcca acaacacgct gtatcttcaa atgaacagcc tgagagccga ggacacggcc 60

gtgtattact gtgcgagggg ggactacagt aactacgctg tgatggggtt gggctactgg 120

ggccaggga 129

<210> 8437
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8437

Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asp Tyr Ser Asn Tyr
20 25 30

Ala Val Met Gly Leu Gly Tyr Trp Gly Gln Gly
35 40

<210> 8438
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8438

Cys Ala Lys Gly Asp Ser Gly Ser Tyr Tyr Gly Ser Ser His Phe Asp
1 5 10 15

Tyr Trp

<210> 8439
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8439
aacgccaaga actccctgta tctgcaaatg agcagtctga gagctgagga cacggccttg 60

tattactgtg caaaagggga tagtgggagc tactacgggt cgtcccactt tgactactgg 120

ggccaggga 129

<210> 8440
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8440

Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Ser Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Gly Asp Ser Gly Ser Tyr Tyr
20 25 30

Gly Ser Ser His Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8441
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8441
aacgccaaga actccctgta tctgcaaatg aacagtctga gagctgagga cacggccttg 60

tattactgtg caaaagggga tagtgggagc tactacgggt cgtcccactt tgactactgg 120

ggccaggga 129

<210> 8442
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8442

Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1   5   10   15

Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Gly Asp Ser Gly Ser Tyr Tyr
            20   25   30

Gly Ser Ser His Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8443
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8443

Cys Ala Lys Asp Gly Arg Gly Tyr Ser Ser Ser Trp Tyr Gly Tyr Asp
1   5   10   15

Tyr Tyr Tyr Gly Met Asp Val Trp
            20

<210> 8444
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8444

tatctgcaaa tgaacagcct gagagccgag gacacggctg tgtattactg tgcgaaagat 60

gggaggggt atagcagcag ctggtatggt tacgactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8445
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8445

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Lys Asp Gly Arg Gly Tyr Ser Ser Ser Trp Tyr Gly Tyr Asp
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8446
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8446
tatctgcaaa tgaacagccc gagagccgaa gacacggctg tgtattactg tgcgaaagat 60

gggaggggt atagcagcag ctggtatggt tacgactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8447
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8447

Tyr Leu Gln Met Asn Ser Pro Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1   5   10   15

Cys Ala Lys Asp Gly Arg Gly Tyr Ser Ser Ser Trp Tyr Gly Tyr Asp
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8448
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8448

Cys Ala Arg Leu Phe Ser Arg Glu Gly Leu Asp Ala Phe Asp Ile Trp
1   5   10   15

<210> 8449
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8449
gccgacaagt ccatcagcac cgcctacctg cagtggagca gcctgaaggc ctcggacacc   60

gccatgtatt actgtgcgag acttttttct cgggaggggt tagatgcttt tgatatctgg   120

ggccaaggg   129

<210> 8450
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8450

Ala Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp Ser Ser Leu Lys
1 5 10 15

Ala Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Leu Phe Ser Arg Glu
20 25 30

Gly Leu Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8451
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8451

Cys Ala Ala Ala Thr Ser Gly Phe Leu Glu Trp Leu Ser Pro Pro Thr
1 5 10 15

Asn Leu Asp Tyr Trp
20

<210> 8452
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8452
tgcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcggccgcga catccggatt tttggagtgg ttatcccccc ccacaaatct tgactactgg 120

ggccaggga 129

<210> 8453
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8453

Cys Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1 5 10 15

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

Pro Pro Thr Asn Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 8454
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8454
agcacagcct acatggagct gaggagcctg agatctgacg acacggccgt gtattactgt 60

gcggccgcga catccggatt tttggagtgg ttatcccccc ccacaaatct tgactactgg 120

ggccaggga 129

<210> 8455
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8455

Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala
1   5   10   15

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

Pro Pro Thr Asn Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8456
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8456

Cys Ala Arg Pro Arg Ala Pro Thr Thr Asn Tyr Tyr Tyr Gly Met Asp
1   5   10   15

Val Trp

<210> 8457
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8457
acctctgtca gcacggcata tctgcagatc agcagcctaa aggctgagga cactgccgtg 60

tattactgtg cgaggccacg ggcacctacc acaaactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8458
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8458

Thr Ser Val Ser Thr Ala Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Pro Arg Ala Pro Thr Thr Asn
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8459
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8459
acctctgtca gcacggcata tctgcagatc agcagcctaa aggctgagga cactgccgtg   60

tattactgtg cgaggccacg ggcacctacc acaaactact actacggtat ggacgtctgg   120

agccaaggg   129

<210> 8460
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8460

Thr Ser Val Ser Thr Ala Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Pro Arg Ala Pro Thr Thr Asn

20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Ser Gln Gly
35 40

<210> 8461
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8461

Cys Ala Arg Glu Trp Glu Ser Ile Ala Ala Arg Phe Asp Leu Trp
1 5 10 15

<210> 8462
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8462
ttggcggaca aggccacgac cacagtctac atggaattca aaagtctgag atctgaggac 60

acggccgttt atttctgtgc gagagagtgg gagagcatag cagctcgctt tgacctctgg 120

ggccaggga 129

<210> 8463
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8463

Leu Ala Asp Lys Ala Thr Thr Thr Val Tyr Met Glu Phe Lys Ser Leu
1 5 10 15

Arg Ser Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Glu Trp Glu Ser
20 25 30

Ile Ala Ala Arg Phe Asp Leu Trp Gly Gln Gly
35 40

<210> 8464
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8464
atggcggaca aggccacgac cacagtctac atggaattca aaagtctgag atctgaggac 60

acggccgttt atttctgtgc gagagagtgg gagagcatag cagctcgctt tgacctctgg 120

ggccaggga 129

<210> 8465
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8465

Met Ala Asp Lys Ala Thr Thr Thr Val Tyr Met Glu Phe Lys Ser Leu
1 5 10 15

Arg Ser Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Glu Trp Glu Ser
20 25 30

Ile Ala Ala Arg Phe Asp Leu Trp Gly Gln Gly
35 40

<210> 8466
<211> 16
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8466

Cys Ala Arg Gly Ala Leu Leu Glu Trp Leu Ser Arg Phe Asp Asn Trp
1 5 10 15

<210> 8467
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8467
gtagacacgt ccaagaacct gttctccctg aagctgagct ctgtgaccgc cgcggacacg 60

gccgtatatt actgtgcgag aggtgcactt ttggagtggt tatcccgctt tgacaactgg 120

ggccaggga 129

<210> 8468
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8468

Val Asp Thr Ser Lys Asn Leu Phe Ser Leu Lys Leu Ser Ser Val Thr
1 5 10 15

Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Ala Leu Leu Glu
20 25 30

Trp Leu Ser Arg Phe Asp Asn Trp Gly Gln Gly
35 40

<210> 8469

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8469
gtagacacgt ccaagaacca gttctccctg aagctgagct ctgtgaccgc cgcggacacg 60

gccgtatatt actgtgcgag aggtgcactt ttggagtggt tatcccgctt tgacaactgg 120

ggccaggga 129

<210> 8470
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8470

Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr
1 5 10 15

Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Ala Leu Leu Glu
20 25 30

Trp Leu Ser Arg Phe Asp Asn Trp Gly Gln Gly
35 40

<210> 8471
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8471

Cys Ala Arg Gly Gln Ala Asp Pro Met Leu Gly Ile Tyr Arg Pro Phe
1 5 10 15

Val Phe Asp Tyr Trp
            20

<210> 8472
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8472
tcccagttct ccctggaggt gacttctgtg accgccacgg acacggctgt ttattactgt   60

gcgagaggcc aagcggaccc catgttgggg atataccgcc cgttcgtctt tgactactgg   120

ggccaggga   129

<210> 8473
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8473

Ser Gln Phe Ser Leu Glu Val Thr Ser Val Thr Ala Thr Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Gly Gln Ala Asp Pro Met Leu Gly Ile Tyr
            20   25   30

Arg Pro Phe Val Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8474
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8474
acccagttct ccctggaggt gacttctgtg accgccacgg acacggctgt ttattactgt 60

gcgagaggcc aagcggaccc catgttgggg atataccgcc cgttcgtctt tgactactgg 120

ggccaggga 129

<210> 8475
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8475

Thr Gln Phe Ser Leu Glu Val Thr Ser Val Thr Ala Thr Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Gly Gln Ala Asp Pro Met Leu Gly Ile Tyr
20 25 30

Arg Pro Phe Val Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8476
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8476

Cys Ala Arg Gly Ile Val Val Ile Pro Ala Ala Asn Pro Asp Phe Asp
1 5 10 15

Tyr Trp

<210> 8477

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8477
acctccaaaa accaggtggc ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacgcggtat tgtagtaata ccagctgcta atcccgactt tgactactgg 120

ggccaggga 129

<210> 8478
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8478

Thr Ser Lys Asn Gln Val Ala Leu Thr Met Thr Asn Met Asp Pro Val
1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Gly Ile Val Val Ile Pro Ala
20 25 30

Ala Asn Pro Asp Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8479
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8479
cacctccaaa aaccaggtgg ccctacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacgcggtat tgtagtaata ccagctgcta atcccgactt tgactactgg 120

ggccaggga 129

<210> 8480
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8480

His Leu Gln Lys Pro Gly Gly Pro Thr Met Thr Asn Met Asp Pro Val
1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Gly Ile Val Val Ile Pro Ala
20 25 30

Ala Asn Pro Asp Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8481
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8481

Cys Ala Lys Gly Gly Tyr Arg Gln Gly Tyr Phe Asp Tyr Trp
1 5 10

<210> 8482
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8482
atctccatat atgattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaggc ggctaccgac aggggtactt tgactactgg 120

ggccaggga 129

<210> 8483
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8483

Ile Ser Ile Tyr Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly Tyr
20 25 30

Arg Gln Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8484
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8484
atctccagag atgattccaa gaacacgctg tatctgcaaa tgaacagcct gagagccgag 60

gacacggccg tatattactg tgcgaaaggc ggctaccgac aggggtactt tgactactgg 120

ggccaggga 129

<210> 8485
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8485

Ile Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly Tyr
20 25 30

Arg Gln Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8486
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8486

Cys Ala Lys Ser Gly Gly Ala Ser Cys Cys Thr Asn Gly Gly Asp Trp
1 5 10 15

Phe Asp Pro Trp
20

<210> 8487
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8487
aagaactccc tgtatctgca aatgaacggt ctgagagctg aggacacggc cttgtattac 60

tgtgcaaaat caggcggtgc cagctgctgc acaaacgggg gggactggtt cgacccctgg 120

ggccaggga 129

<210> 8488

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8488

Lys Asn Ser Leu Tyr Leu Gln Met Asn Gly Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Leu Tyr Tyr Cys Ala Lys Ser Gly Gly Ala Ser Cys Cys Thr Asn
20 25 30

Gly Gly Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 8489
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8489
aagaactccc tgtatctgca aatgaacagt ctgagagctg aggacacggc cttgtattac 60

tgtgcaaaat caggcggtgc cagctgctgc acaaacgggg gggactggtt cgacccctgg 120

ggccaggga 129

<210> 8490
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8490

Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Leu Tyr Tyr Cys Ala Lys Ser Gly Gly Ala Ser Cys Cys Thr Asn
            20   25   30

Gly Gly Asp Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 8491
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8491

Cys Ala Arg Val Gly Tyr Asp Phe Trp Ser Gly Leu Ser Pro Asp Tyr
1   5   10   15

Gly Met Asp Val Trp
            20

<210> 8492
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8492
tgcacagtct acttggagct gagcagcctg agatctgagg acacggccgt gtattactgt   60

gcgagagtag gttacgattt ttggagtggc ctcagccccg actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 8493
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8493

Cys Thr Val Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Val Gly Tyr Asp Phe Trp Ser Gly Leu Ser
20 25 30

Pro Asp Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8494
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8494
agcacagtct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagtag gttacgattt ttggagtggc ctcagccccg actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8495
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8495

Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Val Gly Tyr Asp Phe Trp Ser Gly Leu Ser
20 25 30

Pro Asp Tyr Gly Met Asp Val Trp Gly Gln Gly

35 40

<210> 8496
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8496

Cys Ala Arg Leu Ser Val Ile Ala Ala Ala Gly Thr Val Asp Tyr Trp
1 5 10 15

<210> 8497
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8497
tgggacaacg ccaagagctc actgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtgtatt actgtgccag attatctgtt atagcagcag ctggtaccgt tgactactgg 120

ggccaggga 129

<210> 8498
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8498

Trp Asp Asn Ala Lys Ser Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Ser Val Ile Ala
20 25 30

Ala Ala Gly Thr Val Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8499
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8499
agggacaacg ccaagagctc actgtatctg caaatgaaca gcctgagagc cgaggacacg   60

gccgtgtatt actgtgccag attatctgtt atagcagcag ctggtaccgt tgactactgg   120

ggccaggga   129

<210> 8500
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8500

Arg Asp Asn Ala Lys Ser Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Ser Val Ile Ala
            20   25   30

Ala Ala Gly Thr Val Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8501
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8501

Cys Ala Ser Leu Ser Arg Gly Tyr Arg Phe Asp Tyr Trp
1 5 10

<210> 8502
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8502
accattaccc ggcacacatc cgcgagcaca gcctacatgg agctgagcag cctgagatct 60

gaagacacgg ctgtgtatta ctgtgcgagt cttagtcgtg gttatcggtt tgactactgg 120

ggccaggga 129

<210> 8503
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8503

Thr Ile Thr Arg His Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser
1 5 10 15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Leu Ser
20 25 30

Arg Gly Tyr Arg Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8504
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8504
accattacca gggacacatc cgcgagcaca gcctacatgg agctgagcag cctgagatct 60

gaagacacgg ctgtgtatta ctgtgcgagt cttagtcgtg gttatcggtt tgactactgg 120

ggccaggga 129

<210> 8505
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8505

Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Ser
1   5   10   15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Leu Ser
            20   25   30

Arg Gly Tyr Arg Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8506
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8506

Cys Ala Ala Glu Tyr Cys Ser Gly Gly Ser Cys Tyr Pro Pro Leu Asp
1   5   10   15

Ala Phe Asp Ile Trp
            20

<210> 8507
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8507
agcactgcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcggccgaat attgtagtgg tggtagctgc tacccccccc ttgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8508
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8508

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Ala Glu Tyr Cys Ser Gly Gly Ser Cys Tyr Pro
20 25 30

Pro Leu Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8509
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8509
agcacagcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcggccgaat attgtagtgg tggtagctgc tacccccccc ttgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8510
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8510

Cys Ala Lys Asp Leu Val Pro Tyr Tyr Tyr Asp Ser Ser Gly Tyr Tyr
1 5 10 15

Leu Val Gly Phe Gly Ala Gly Asn Tyr Gly Met Asp Val Trp
20 25 30

<210> 8511
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8511
ctgagagccg aggacacggc cgtatattac tgtgcgaaag atctagtccc gtattactat 60

gatagtagtg gttattactt agtcgggttc ggcgccggga actacggtat ggacgtctgg 120

ggccagggg 129

<210> 8512
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8512

Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Leu Val

1 5 10 15

Pro Tyr Tyr Tyr Asp Ser Ser Gly Tyr Tyr Leu Val Gly Phe Gly Ala
20 25 30

Gly Asn Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8513
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8513
ctgagagccg aggacacggc cgtatattac tgtgcgaaag atctagtccc gtattactat 60

gatagtagtg gttattactt agtcgggttc ggcgccggga actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8514
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8514

Cys Ala Lys Asp Thr Ser Ile Glu Tyr Ser Ser Ser Ser Gly Gly Gly
1 5 10 15

Ser Phe Asp Tyr Trp
20

<210> 8515
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8515
aactccctgt atctgcaaat gaacagtctg agagctgagg acacggcctt gtattactgt 60

gcaaaagata cgagcatcga gtatagcagc tcgtccgggg ggggtagttt tgactactgg 120

ggccaggga 129

<210> 8516
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8516

Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1   5   10   15

Leu Tyr Tyr Cys Ala Lys Asp Thr Ser Ile Glu Tyr Ser Ser Ser Ser
            20   25   30

Gly Gly Gly Ser Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8517
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8517

Cys Ala His Gly Asn Pro Tyr Tyr Leu Asp Tyr Trp
1   5   10

<210> 8518
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8518
gctcaccatc accaaggaca cctccaaaac caggtggtcc ttacaatgac caacatggac 60

cctgtggaca cagccacata ttactgtgca cacggtaatc cctactacct tgactactgg 120

ggccaggga 129

<210> 8519
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8519

Ala His His His Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met
1 5 10 15

Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly
20 25 30

Asn Pro Tyr Tyr Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 8520
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8520
ctcaccatca ccaaggacac ctccaaaaac caggtggtcc ttacaatgac caacatggac 60

cctgtggaca cagccacata ttactgtgca cacggtaatc cctactacct tgactactgg 120

ggccaggga 129

<210> 8521
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8521

Leu Thr Ile Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met
1   5   10   15

Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly
            20   25   30

Asn Pro Tyr Tyr Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8522
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8522

Cys Ala Arg Gln Glu Leu Trp Ser Phe Asp Tyr Trp
1   5   10

<210> 8523
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8523
gtcaccatct cagccgacaa gtccatcagc accgcctacc tgcagtggag cagcctgaag   60

gcctcggaca ccgccatgta ttactgtgcg agacaggagc tatggtcctt tgactactgg   120

ggccaggga 129

<210> 8524
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8524

Val Thr Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp
1 5 10 15

Ser Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys Ala Arg Gln
20 25 30

Glu Leu Trp Ser Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8525
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8525
gccaccatct cagccgacaa gtccatcagc accgcctacc tgcagtggag cagcctgaag 60

gcctcggaca ccgccatgtg ttactgtgcg agacaggagc tatggtcctt tgactactgg 120

ggccaggga 129

<210> 8526
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8526

Ala Thr Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr Leu Gln Trp
1   5   10   15

Ser Ser Leu Lys Ala Ser Asp Thr Ala Met Cys Tyr Cys Ala Arg Gln
            20   25   30

Glu Leu Trp Ser Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8527
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8527

Cys Ala Arg Ile Arg Tyr Leu Val Gly Leu Gly Asp Phe Thr His Asp
1   5   10   15

Tyr Trp

<210> 8528
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8528
acctccaaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccacg 60

tattactgtg cacggatacg ttatttagtg gggttggggg atttcaccca tgactactgg 120

ggccaggga 129

<210> 8529
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8529

Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1   5   10   15

Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ile Arg Tyr Leu Val Gly Leu
            20   25   30

Gly Asp Phe Thr His Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8530
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8530
cacctccaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccacg   60

tattactgtg cacggatacg ttatttagtg gggttggggg atttcaccca tgactactgg   120

ggccaggga   129

<210> 8531
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8531

His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1   5   10   15

Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ile Arg Tyr Leu Val Gly Leu

20 25 30

Gly Asp Phe Thr His Asp Tyr Trp Gly Gln Gly
35 40

<210> 8532
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8532

Cys Ala Gln Lys Ala Gly Thr Ala Ala Glu Gly Tyr Trp Tyr Phe Asp
1 5 10 15

Leu Trp

<210> 8533
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8533
acctccaaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacagaaagc tggtacagcg gcggagggtt actggtactt cgatctctgg 120

ggccgtggc 129

<210> 8534
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8534

Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1   5   10   15

Asp Thr Ala Thr Tyr Tyr Cys Ala Gln Lys Ala Gly Thr Ala Ala Glu
            20   25   30

Gly Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 8535
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8535
cacctccaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacagaaagc tggtacagcg gcggagggtt actggtactt cgatctctgg 120

ggccgtggc 129

<210> 8536
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8536

His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1   5   10   15

Asp Thr Ala Thr Tyr Tyr Cys Ala Gln Lys Ala Gly Thr Ala Ala Glu
            20   25   30

Gly Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 8537
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8537

Cys Ala Arg Asp Pro His Tyr Asp Arg Gly Tyr Gly Met Asp Val Trp
1 5 10 15

<210> 8538
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8538
tgggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agatccccat tacgaccgtg gctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8539
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8539

Trp Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Pro His Tyr Asp
20 25 30

Arg Gly Tyr Gly Met Asp Val Trp Gly Gln Gly

35 40

<210> 8540
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8540
agggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agatccccat tacgaccgtg gctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8541
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8541

Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Pro His Tyr Asp
20 25 30

Arg Gly Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8542
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8542

Cys Ala Lys Gly Gly Tyr Gly Ser Asp Tyr Gly Leu Asp Tyr Trp
1 5 10 15

<210> 8543
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8543
tccagagata attccaagaa cacgctgtat ctgcaattga acagcctgag agccgacgac 60

acggccgtat attactgtgc gaaaaggggc tatggttcgg actatggact tgactactgg 120

ggccaggga 129

<210> 8544
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8544

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Leu Asn Ser Leu
1 5 10 15

Arg Ala Asp Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly Tyr Gly
 20 25 30

Ser Asp Tyr Gly Leu Asp Tyr Trp Gly Gln Gly
 35 40

<210> 8545
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8545
tccagagata attccaagaa cacgctgcat ctgcaattga acagcctgag agccgacgac 60

acggccgtat attactgtgc gaaaaggggc tatggttcgg actatggact tgactactgg 120

ggccaggga 129

<210> 8546
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8546

Ser Arg Asp Asn Ser Lys Asn Thr Leu His Leu Gln Leu Asn Ser Leu
1 5 10 15

Arg Ala Asp Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gly Tyr Gly
20 25 30

Ser Asp Tyr Gly Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 8547
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8547

Cys Ala Arg Asp Arg Ile Ala Gly Asp Ala Phe Asp Ile Trp
1 5 10

<210> 8548
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8548
atcaacccag acacatccaa gaaccagttc tccctgcagc tgaactctgt gactcccgag 60

gacacggctg tgtattactg tgcaagagat cgcatagcag gagatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8549
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8549

Ile Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser
1   5   10   15

Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Ile
            20   25   30

Ala Gly Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 8550
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8550
atatcagtag acacgtccaa gaaccagttc tccctgcagc tgaactctgt gactcccgag 60

gacacggctg tgtattactg tgcaagagat cgcatagcag gagatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8551

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8551

Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser
1 5 10 15

Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Ile
20 25 30

Ala Gly Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8552
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8552

Cys Ala Arg Asp Leu Gly Gln Trp Pro Gly Tyr Trp
1 5 10

<210> 8553
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8553
ttcaccatct ccagagacaa ttccaagaac acgctgtatc ttcaaatgaa cagcctgaga 60

gccgaggaca cggccgtgta ttactgtgcg agagacctag ggcagtggcc cggctactgg 120

ggccaggga 129

<210> 8554
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8554

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp
20 25 30

Leu Gly Gln Trp Pro Gly Tyr Trp Gly Gln Gly
35 40

<210> 8555
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8555
ttcaccatct ccagacacaa ttccaagaac acgctgtatc ttcaaatcaa cagcctgaga 60

gccgaggaca cggccgtgta ttactgtgcg agagacctag ggcagtggcc cggctactgg 120

ggccaggga 129

<210> 8556
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8556

Phe Thr Ile Ser Arg His Asn Ser Lys Asn Thr Leu Tyr Leu Gln Ile

1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp
20 25 30

Leu Gly Gln Trp Pro Gly Tyr Trp Gly Gln Gly
35 40

<210> 8557
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8557

Cys Ala Lys Asp Leu Ala Met Asp Tyr Trp
1 5 10

<210> 8558
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8558
ggccggttca ccatctccag atataattcc aagaacacgc tgtatctgca aattaacagc 60

ctgagagccg aggacacggc cgtatattac tgtgcgaaag atctggcaat ggactactgg 120

ggccaggga 129

<210> 8559
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8559

Gly Arg Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Thr Leu Tyr Leu
1 5 10 15

Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
20 25 30

Lys Asp Leu Ala Met Asp Tyr Trp Gly Gln Gly
35 40

<210> 8560
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8560
ggccggttca ccatctccag agataattcc aagaacacgc tgtatctgca aatgaacagc 60

ctgagagccg aggacacggc cgtatattac tgtgcgaaag atctggcaat ggactactgg 120

ggccaggga 129

<210> 8561
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8561

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
1 5 10 15

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
20 25 30

Lys Asp Leu Ala Met Asp Tyr Trp Gly Gln Gly
35 40

<210> 8562
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8562

Cys Ala Lys Ile Gly Ala Arg Ser Thr Ser Gly Arg Gly Ala Phe Asp
1 5 10 15

Ile Trp

<210> 8563
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8563
aattctaagt acacgatgta tctgcaaatg aacagcctga gagcggagga cacggccgta 60

tattactgtg cgaaaatcgg ggcacgtagt accagcggca ggggtgcttt tgatatctgg 120

ggccaaggg 129

<210> 8564
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8564

Asn Ser Lys Tyr Thr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ile Gly Ala Arg Ser Thr Ser

```
            20                  25                  30

Gly Arg Gly Ala Phe Asp Ile Trp Gly Gln Gly
        35                  40


<210>  8565
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  8565
aattccaaga acacgctgta tctgcaaatg aacagcctga gagccgagga cacggccgta       60

tattactgtg cgaaaatcgg ggcacgtagt accagcggca ggggtgcttt tgatatctgg      120

ggccaaggg                                                              129


<210>  8566
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  8566

Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1               5                   10                  15


Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ile Gly Ala Arg Ser Thr Ser
            20                  25                  30


Gly Arg Gly Ala Phe Asp Ile Trp Gly Gln Gly
        35                  40


<210>  8567
<211>  21
<212>  PRT
<213>  Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8567

Cys Ala Lys Asp Ser Tyr Tyr Tyr Gly Ser Gly Ser Tyr Tyr Asn Asp
1   5   10   15

Ala Phe Asp Ile Trp
            20

<210> 8568
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8568
aacacgctgt atctgcaaat gaacagcctg agagccgagg acacggccgt atattactgt   60

gcgaaagatt cgtattacta tggttcgggg agttattaca atgatgcttt tgatatctgg   120

ggccaaggg   129

<210> 8569
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8569

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Lys Asp Ser Tyr Tyr Tyr Gly Ser Gly Ser Tyr
            20   25   30

Tyr Asn Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 8570
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8570
aacacgctgt atatgaaaat gaacagcctg agagccgagg acacggccgt atattactgt 60

gcgaaagatt cgtattacta tggttcgggg agttattaca atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8571
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8571

Asn Thr Leu Tyr Met Lys Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Asp Ser Tyr Tyr Tyr Gly Ser Gly Ser Tyr
20 25 30

Tyr Asn Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8572
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8572

Cys Ala Arg Gly Gly Gly Ala Tyr Cys Gly Ser Asp Cys Tyr Arg Met

1 5 10 15

Leu Asp Tyr Trp
20

<210> 8573
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8573
gagaacacac tctatcttca aatgaacagc ctgagagccg aggacacggc cgtatattac 60

tgtgcgagag gtggcggggc atattgtggt agtgactgct atcgaatgct tgactactgg 120

ggccacgga 129

<210> 8574
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8574

Glu Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly Gly Gly Ala Tyr Cys Gly Ser Asp
20 25 30

Cys Tyr Arg Met Leu Asp Tyr Trp Gly His Gly
35 40

<210> 8575
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8575
gacaacacac tctatcttca aatcaacagc ctgagagccg aggacacggc cgtatattac 60

tgtgcgagag gtggcggggc atattgtggt agtgactgct atcgaatgct tgactactgg 120

ggccacgga 129

<210> 8576
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8576

Asp Asn Thr Leu Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg Gly Gly Gly Ala Tyr Cys Gly Ser Asp
            20   25   30

Cys Tyr Arg Met Leu Asp Tyr Trp Gly His Gly
        35   40

<210> 8577
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8577

Cys Ala Arg Gly Gly Glu Tyr Cys Ser Gly Ala Asn Cys Tyr Ser Gly
1   5   10   15

Phe Asp Tyr Trp
            20

<210> 8578
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8578
aagaacaccc tgtatcttca aatgaacagc ctgagagccg aggacacggc cgtgtattac 60

tgtgcgagag ggggggaata ttgtagtggt gctaactgct actcaggatt tgactactgg 120

ggccaggga 129

<210> 8579
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8579

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly Gly Glu Tyr Cys Ser Gly Ala Asn
20 25 30

Cys Tyr Ser Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8580
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8580
aacaacaccc tgtatctaca aatgaacagc ctgagagccg aggacacggc cgtgtattac 60

tgtgcgagag ggggggaata ttgtagtggt gctaactgct actcaggatt tgactactgg 120

ggccaggga 129

<210> 8581
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8581

Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Gly Gly Glu Tyr Cys Ser Gly Ala Asn
20 25 30

Cys Tyr Ser Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8582
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8582

Cys Ala Arg Val Asp Ile Ala Ala Ala Gly Gly Tyr Tyr Tyr Tyr Tyr
1 5 10 15

Tyr Gly Met Asp Val Trp
20

<210> 8583
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8583
acagcctaca tggagctgag gagcctgaga tctgacgaca cggccgtgta ttactgtgcg 60

agagtggata tagcagcagc tgggggggtat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8584
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8584

Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Val Asp Ile Ala Ala Ala Gly Gly Tyr Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8585
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8585
aaagcctaca tggtgctgag gagcctgaga tctgacgaca cggccgtgta ttactgtgcg 60

agagtggata tagcagcagc tgggggggtat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8586

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8586

Lys Ala Tyr Met Val Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Val Asp Ile Ala Ala Ala Gly Gly Tyr Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8587
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8587

Cys Thr Pro Ser Asn Arg Gly Val Ile Ile Phe Ala Tyr Trp
1 5 10

<210> 8588
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8588
atctcaagag atgattcaaa aaatacgctg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacagccg tgtattactg tactccctcg aatcggggag ttattatttt tgcctactgg 120

ggccaggga 129

<210> 8589
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8589

Ile Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Thr Pro Ser Asn Arg
20 25 30

Gly Val Ile Ile Phe Ala Tyr Trp Gly Gln Gly
35 40

<210> 8590
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8590
atctcaagag atgattcaaa aaacacgctg tatctgcaaa tgaacagcct gaaaaccgag 60

gacacagccg tgtattactg tactccctcg aatcggggag ttattatttt tgcctactgg 120

ggccaggga 129

<210> 8591
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8591

Cys Ala Arg Asp Lys Tyr Tyr Asp Ile Leu Thr Gly Ser Ala Glu Asn

1 5 10 15

Tyr Tyr Phe Asp Tyr Trp
20

<210> 8592
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8592
acagtctact tggagctgag cagtctgaga tctgaggaca cggccgtgta ttactgtgcg 60

agagataagt attacgatat tttgactggt tctgccgaaa attactactt tgactactgg 120

ggccaggga 129

<210> 8593
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8593

Thr Val Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Asp Lys Tyr Tyr Asp Ile Leu Thr Gly Ser Ala
20 25 30

Glu Asn Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8594
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8594
acagtctaca tggagctgag cagcctgaga tctgaggaca cggccgtgta ttactgtgcg 60

agagataagt attacgatat tttgactggt tctgccgaaa attactactt tgactactgg 120

ggccaggga 129

<210> 8595
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8595

Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Arg Asp Lys Tyr Tyr Asp Ile Leu Thr Gly Ser Ala
            20   25   30

Glu Asn Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8596
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8596

Cys Ala Lys Gly Pro Asn Thr Tyr Tyr Tyr Asp Ser Ser Gly Tyr Tyr
1   5   10   15

Asn Arg Leu Asp Tyr Trp
            20

<210> 8597
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8597
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagggccaa atacgtatta ctatgatagt agtggttatt acaatagact tgactactgg 120

ggccaggga 129

<210> 8598
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8598

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Lys Gly Pro Asn Thr Tyr Tyr Tyr Asp Ser Ser Gly
            20   25   30

Tyr Tyr Asn Arg Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8599
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8599
aagatgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagggccaa atacgtatta ctatgatagt agtggttatt acaatagact tgactactgg 120

ggccaggga 129

<210> 8600
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8600

Lys Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Gly Pro Asn Thr Tyr Tyr Tyr Asp Ser Ser Gly
20 25 30

Tyr Tyr Asn Arg Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 8601
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8601

Cys Ala Lys Pro Ala Pro Gly Tyr Thr Trp Asn Tyr Ala Asp Tyr Trp
1 5 10 15

<210> 8602
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8602

agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa acccgctcct gggtatacct ggaattacgc tgactactgg 120

ggccaggga 129

<210> 8603
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8603

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Pro Ala Pro Gly Tyr
20 25 30

Thr Trp Asn Tyr Ala Asp Tyr Trp Gly Gln Gly
35 40

<210> 8604
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8604
agagacaatt ccaggaacac gctgtctctc caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa acccgctcct gggtatacct ggaattacgc tgactactgg 120

ggccaggga 129

<210> 8605
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8605

Arg Asp Asn Ser Arg Asn Thr Leu Ser Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Pro Ala Pro Gly Tyr
            20   25   30

Thr Trp Asn Tyr Ala Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8606
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8606

Cys Ala His Glu Lys Gly Phe Asn Tyr Tyr Asp Ser Ser Gly Tyr Gly
1   5   10   15

Tyr Trp

<210> 8607
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8607
acctccaaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca   60

tattactgtg cacacgaaaa aggttttaat tactatgata gtagtggtta tggctactgg   120

ggccaggga   129

<210> 8608
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8608

Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Glu Lys Gly Phe Asn Tyr Tyr
20 25 30

Asp Ser Ser Gly Tyr Gly Tyr Trp Gly Gln Gly
35 40

<210> 8609
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8609
cacctccaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacacgaaaa aggttttaat tactatgata gtagtggtta tggctactgg 120

ggccaggga 129

<210> 8610
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8610

His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val

1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Glu Lys Gly Phe Asn Tyr Tyr
20 25 30

Asp Ser Ser Gly Tyr Gly Tyr Trp Gly Gln Gly
35 40

<210> 8611
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8611

Cys Thr Thr Asp Phe Phe Leu Tyr Arg His Gln Tyr Cys Ser Gly Gly
1 5 10 15

Ser Cys Tyr Ser Pro Phe Asp Tyr Trp
20 25

<210> 8612
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8612
ctgcaaatga acagcttgaa aaccgaggac acagccgtgt attactgtac cacagatttt 60

tttttgtatc gtcatcaata ttgtagtggt ggtagctgct actccccgtt tgactactgg 120

ggccaggga 129

<210> 8613
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8613

Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Thr Thr Asp Phe Phe Leu Tyr Arg His Gln Tyr Cys Ser Gly Gly Ser
            20   25   30

Cys Tyr Ser Pro Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8614
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8614
ctgcaaatga acagcctgaa aaccgaggac acagccgtgt attactgtac cacagatttt   60

tttttgtatc gtcatcaata ttgtagtggt ggtagctgct actccccgtt tgactactgg   120

ggccaggga   129

<210> 8615
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8615

Cys Ala Lys Gly Ser Ser Gly Trp Ser Asp Trp
1   5   10

<210> 8616
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8616
cgattcacca tctccagaga caattccaag aacacgctgt atcttcaaat gaacagcctg 60

agagccgagg acacggccgt gtattactgt gcgaagggta gcagtggctg gtccgactgg 120

ggccaggga 129

<210> 8617
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8617

Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
1 5 10 15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
20 25 30

Gly Ser Ser Gly Trp Ser Asp Trp Gly Gln Gly
35 40

<210> 8618
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8618
cgattcacca tctccagaca caataccaag aacacgctgt atcttcaaat gaacagcctg 60

agagccgagg acacggccgt gtattactgt gcgaagggta gcagtggctg gtccgactgg 120

ggccaggga 129

<210> 8619
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8619

Arg Phe Thr Ile Ser Arg His Asn Thr Lys Asn Thr Leu Tyr Leu Gln
1   5   10   15

Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
            20   25   30

Gly Ser Ser Gly Trp Ser Asp Trp Gly Gln Gly
        35   40

<210> 8620
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8620

Cys Ala Lys Asp Leu Gly Gly Thr His Tyr Tyr Tyr Tyr Tyr Tyr Gly
1   5   10   15

Met Asp Val Trp
            20

<210> 8621
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8621

aagaacacgc tgtatctgca aatgaacagc ctgagagccg aggacacggc cgtatattac 60

tgtgcgaaag atctcggggg gacccactat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8622
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8622

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Lys Asp Leu Gly Gly Thr His Tyr Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8623
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8623
aacaacacgc tgtatctgca aatcaacagc ctgagagccg aggacacggc cgtatattac 60

tgtgcgaaag atctcggggg gacccactat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8624
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8624

Asn Asn Thr Leu Tyr Leu Gln Ile Asn Ser Leu Arg Ala Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Lys Asp Leu Gly Gly Thr His Tyr Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8625
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8625

Cys Ala Arg His Ser Gly Ser Gly Val Asp Tyr Trp
1   5   10

<210> 8626
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8626
gtcaccatat ccgtagacac gtccaagaac cagttctccc tgaagctgag ctctgtgacc   60

gccgcagaca cggctgtgta ttactgtgcg agacatagtg gtagcggggt tgactactgg   120

ggccaggga   129

<210> 8627
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8627

Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu
1   5   10   15

Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg His
            20   25   30

Ser Gly Ser Gly Val Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8628
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8628
gtcaccatat ccgtagacac gtccaagaac cagttctccc tgaagctgag ctccgtgacc   60

gccgcagaca cggctgtgta ttactgtgcg agacatagtg gtagcggggt tgactactgg   120

ggccaggga   129

<210> 8629
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8629

Cys Ala Lys Val Gly His Ser Tyr Tyr Phe Asp Tyr Trp
1   5   10

<210> 8630

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8630
accatctcca tatataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gttgggcatt cctactactt tgactactgg 120

ggccaggga 129

<210> 8631
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8631

Thr Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Gly
20 25 30

His Ser Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8632
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8632
accatctcca gagataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gttgggcatt cctactactt tgactactgg 120

ggccaggga 129

<210> 8633
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8633

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Gly
20 25 30

His Ser Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8634
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8634

Cys Ser Lys Gly Val Gly Ile Thr Ile Phe Gly Val Pro Tyr Tyr Trp
1 5 10 15

<210> 8635
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8635
cagagacaac agcaaaactc cctgtatctg caaatgaaca gtctgacaac tgaggactcc 60

gccttgtatt actgttcaaa aggagtaggt ataacgattt ttggagtgcc ttactactgg 120

ggccaggga 129

<210> 8636
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8636

Gln Arg Gln Gln Gln Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Thr
1 5 10 15

Thr Glu Asp Ser Ala Leu Tyr Tyr Cys Ser Lys Gly Val Gly Ile Thr
20 25 30

Ile Phe Gly Val Pro Tyr Tyr Trp Gly Gln Gly
35 40

<210> 8637
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8637
agagacaaca gcaaaaactc cctgtatctg caaatgaaca gtctgacaac tgaggactcc 60

gccttgtatt actgttcaaa aggagtaggt ataacgattt ttggagtgcc ttactactgg 120

ggccaggga 129

<210> 8638
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8638

Arg Asp Asn Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Thr
1 5 10 15

Thr Glu Asp Ser Ala Leu Tyr Tyr Cys Ser Lys Gly Val Gly Ile Thr
20 25 30

Ile Phe Gly Val Pro Tyr Tyr Trp Gly Gln Gly
35 40

<210> 8639
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8639

Cys Ala Arg Asp Gly Pro Pro Asp Ser Tyr Phe Asp Tyr Trp
1 5 10

<210> 8640
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8640
attaccgcgg acaaatccac gagcacagcc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagagat ggccccccgg actcatactt tgactactgg 120

ggccaggga 129

<210> 8641
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8641

Ile Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser
1   5   10   15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Gly Pro
            20   25   30

Pro Asp Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8642
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8642
attaccgcgc acaaatccac gagcacagcc tacatggagc tgagcagcct gagatctgag   60

gacacggccg tgtattactg tgcgagagat ggccccccgg actcatactt tgactactgg   120

ggccaggga   129

<210> 8643
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8643

Ile Thr Ala His Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser
1   5   10   15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Gly Pro
            20   25   30

Pro Asp Ser Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8644
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8644

Cys Ala Lys Ile Tyr Asn Tyr Gly Tyr Phe Asp Tyr Trp
1   5   10

<210> 8645
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8645
accatctcca tataataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc   60

gaggacacgg ccgtatatta ctgtgcgaaa atctacaact atggttactt tgactactgg   120

ggccaggga   129

<210> 8646
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8646

Thr Ile Ser Ile Tyr Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ile Tyr

20 25 30

Asn Tyr Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8647
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8647
accatctcca gagataattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa atctacaact atggttactt tgactactgg 120

ggccaggga 129

<210> 8648
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8648

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ile Tyr
20 25 30

Asn Tyr Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8649
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8649

Cys Ala Arg Asp Arg Gly Ser Ser Trp Ile Tyr Tyr Phe Asp Tyr Trp
1   5   10   15

<210> 8650
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8650
tgggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg   60

gccgtgtatt actgtgcgag agatcgaggc agcagctgga tatactactt tgactactgg   120

ggccaggga   129

<210> 8651
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8651

Trp Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1   5   10   15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Gly Ser Ser
            20   25   30

Trp Ile Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8652
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8652
agggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag agatcgaggc agcagctgga tatactactt tgactactgg 120

ggccaggga 129

<210> 8653
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8653

Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Gly Ser Ser
20 25 30

Trp Ile Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8654
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8654

Cys Ala Arg Tyr Tyr Tyr Asp Ser Ser Gly Tyr Tyr Gly Asp Leu Leu
1 5 10 15

Glu Thr Pro Tyr Tyr Phe Asp Tyr Trp

20 25

<210> 8655
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8655
ttggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagatattac 60

tatgatagta gtggttatta cggggacctg ttggagaccc cttactactt tgactactgg 120

ggccaggga 129

<210> 8656
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8656

Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Tyr Tyr Tyr Asp Ser Ser Gly Tyr Tyr Gly Asp Leu Leu Glu
20 25 30

Thr Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8657
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8657

atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagatattac 60

tatgatagta gtggttatta cggggacctg ttggagaccc cttactactt tgactactgg 120

ggccaggga 129

<210> 8658
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8658

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Tyr Tyr Tyr Asp Ser Ser Gly Tyr Tyr Gly Asp Leu Leu Glu
20 25 30

Thr Pro Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8659
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8659

Cys Ala Arg Asp Trp Phe Tyr Gly Asp Ser Arg Pro Asp Tyr Tyr Tyr
1 5 10 15

Tyr Tyr Gly Met Asp Val Trp
20

<210> 8660
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8660
gcctacatgg agctgagcag cctgagatct ggggacacgg ccgtgtatta ctgtgcgaga 60

gattggttct acggtgactc acgtcctgat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8661
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8661

Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Gly Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Asp Trp Phe Tyr Gly Asp Ser Arg Pro Asp Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8662
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8662
gcctacatgg agctgagcag cctgagatct gaggacacgg ccgtgtatta ctgtgcgaga 60

gattggttct acggtgactc acgtcctgat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8663
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8663

Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Asp Trp Phe Tyr Gly Asp Ser Arg Pro Asp Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8664
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8664

Cys Ala Arg Val Arg Phe His Trp Asn Tyr Ala Leu Phe Asp Ser Trp
1 5 10 15

<210> 8665
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8665
ttagacacgt ccaacaacca ggtctccctg aacttgaggt ctgtgaccgc cgcggacacg 60

gccgtatatt tctgtgcgag agtaaggttt cactggaact acgccctttt tgactcctgg 120

ggccaggga 129

<210> 8666
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8666

Leu Asp Thr Ser Asn Asn Gln Val Ser Leu Asn Leu Arg Ser Val Thr
1 5 10 15

Ala Ala Asp Thr Ala Val Tyr Phe Cys Ala Arg Val Arg Phe His Trp
20 25 30

Asn Tyr Ala Leu Phe Asp Ser Trp Gly Gln Gly
35 40

<210> 8667
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8667
atagacacgt ccaagaacca ggtctccctg aacttgaggt ctgtgaccgc cgcggacacg 60

gccgtatatt tctgtgcgag agtaaggttt cactggaact acgccctttt tgactcctgg 120

ggccaggga 129

<210> 8668
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8668

Ile Asp Thr Ser Lys Asn Gln Val Ser Leu Asn Leu Arg Ser Val Thr
1   5   10   15

Ala Ala Asp Thr Ala Val Tyr Phe Cys Ala Arg Val Arg Phe His Trp
            20   25   30

Asn Tyr Ala Leu Phe Asp Ser Trp Gly Gln Gly
        35   40

<210> 8669
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8669

Cys Ala Lys Ser Gly Gln Leu Arg Ser Arg Asp Phe Asp Leu Trp
1   5   10   15

<210> 8670
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8670
tccagagata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaatcaggc cagctgcgat cgagggactt cgatctctgg 120

ggtcgtggc 129

<210> 8671
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8671

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ser Gly Gln Leu
20 25 30

Arg Ser Arg Asp Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 8672
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8672
tccagagata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaatcaggc cagctgcgat cgagggactt cgatctctgg 120

ggccgtggc 129

<210> 8673
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8673

Cys Ala Lys Ala Ser Asp Tyr Gly Asp Tyr Leu Phe Asp Tyr Trp
1 5 10 15

<210> 8674
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8674
tccagagata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaagcctcc gactacggtg actacctctt tgactactgg 120

ggccaggga 129

<210> 8675
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8675

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ala Ser Asp Tyr
            20   25   30

Gly Asp Tyr Leu Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8676
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8676
tccagagata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaagcctcc gactacggtg actacctctt tgactactgg 120

gaccaggga 129

<210> 8677

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8677

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Ala Ser Asp Tyr
20 25 30

Gly Asp Tyr Leu Phe Asp Tyr Trp Asp Gln Gly
35 40

<210> 8678
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8678

Cys Ala Lys Gly Arg Ser Gly Ser Tyr Gln Thr Leu Phe Glu Tyr Trp
1 5 10 15

<210> 8679
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8679
agagacaatt ccaagaatag gctgtatctt caaatggaca gcctgagagt cgaggacacg 60

gccatgtatt actgtgcgaa aggaagaagc gggagctacc aaaccctctt tgaatactgg 120

ggccaggga 129

<210> 8680
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8680

Arg Asp Asn Ser Lys Asn Arg Leu Tyr Leu Gln Met Asp Ser Leu Arg
1 5 10 15

Val Glu Asp Thr Ala Met Tyr Tyr Cys Ala Lys Gly Arg Ser Gly Ser
20 25 30

Tyr Gln Thr Leu Phe Glu Tyr Trp Gly Gln Gly
35 40

<210> 8681
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8681
agagacaatt ccaagaatag gctgtatctt caaatggaca gcctgagagt cgaggacacg 60

gccatgcatt actgtgcgaa aggaagaagc gggagctacc aaaccctctt tgaatactgg 120

ggccaggga 129

<210> 8682
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8682

Arg Asp Asn Ser Lys Asn Arg Leu Tyr Leu Gln Met Asp Ser Leu Arg

1 5 10 15

Val Glu Asp Thr Ala Met His Tyr Cys Ala Lys Gly Arg Ser Gly Ser
20 25 30

Tyr Gln Thr Leu Phe Glu Tyr Trp Gly Gln Gly
35 40

<210> 8683
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8683

Cys Ala Lys Gly Gln Arg Phe Leu Glu Trp Leu Pro Ile Pro Pro Phe
1 5 10 15

Ala Asp Trp

<210> 8684
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8684
tccaagaaca tggtttatct gcacatgaac agcctgagag ccgacgacac ggccgtatat 60

tattgtgcga aagggcaacg atttttggag tggttgccca tacccccgtt tgcagactgg 120

ggccaggga 129

<210> 8685
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8685

Ser Lys Asn Met Val Tyr Leu His Met Asn Ser Leu Arg Ala Asp Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gln Arg Phe Leu Glu Trp Leu
            20   25   30

Pro Ile Pro Pro Phe Ala Asp Trp Gly Gln Gly
        35   40

<210> 8686
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8686
tccaagaaca cgctgtatct gcaaatgaac agcctgagag ccgacgacac ggccgtatat   60

tattgtgcga aagggcaacg atttttggag tggttgccca tacccccgtt tgcagactgg   120

ggccaggga   129

<210> 8687
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8687

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Asp Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Ala Lys Gly Gln Arg Phe Leu Glu Trp Leu
            20   25   30

Pro Ile Pro Pro Phe Ala Asp Trp Gly Gln Gly
35 40

<210> 8688
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8688

Cys Ala Ser Gly His Gly Ile Ala Val Ala Gly Thr Met Asp Ala Phe
1 5 10 15

Asp Ile Trp

<210> 8689
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8689
tccaagaaca cgctgtatct tcaaatgaac agcctgagag ccgaggacac ggccgtgtat 60

tactgtgcga gcggccatgg tatagcagtg gctggtacca tggatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8690
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8690

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp

1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Ser Gly His Gly Ile Ala Val Ala Gly
20 25 30

Thr Met Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8691
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8691
tccaagaaca agatgtatct tcaaatgaac agcctgagag ccgaggacac ggccgtgtat 60

tactgtgcga gcggccatgg tatagcagtg gctggtacca tggatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8692
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8692

Ser Lys Asn Lys Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Ser Gly His Gly Ile Ala Val Ala Gly
20 25 30

Thr Met Asp Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8693

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8693

Cys Ala Arg His Ile Asp Ala Leu Ala Ala Tyr Leu Ser Tyr Tyr Tyr
1 5 10 15

Tyr Gly Met Asp Val Trp
20

<210> 8694
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8694
acggcatatt tgcagatcag cagcctaaag gctgaggaca ctgccgtgta ttactgtgcg 60

agacacatcg acgctttagc agcttatctt tcttactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8695
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8695

Thr Ala Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg His Ile Asp Ala Leu Ala Ala Tyr Leu Ser Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8696
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8696
acggcatatc tgcagatcag cagcctaaag gctgaggaca ctgccgtgta ttactgtgcg 60

agacacatcg acgctttagc agcttatctt tcttactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8697
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8697

Cys Thr Thr Leu Asp Ile Ala His Tyr Tyr Tyr Tyr Tyr Tyr Gly Met
1 5 10 15

Asp Val Trp

<210> 8698
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8698
tcaaaaaaca cgctgtatct gcaaatgaac agcctgaaaa ccgaggacac agccgtgtat 60

tactgtacca cacttgacat agctcattat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8699
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8699

Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Thr Thr Leu Asp Ile Ala His Tyr Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8700
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8700
ttcaaaaaca cgctgtatct gcaaatgaac agcctgaaaa ccgaggacac agccgtgtat 60

tactgtacca cacttgacat agctcattat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8701
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8701

Phe Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Thr Thr Leu Asp Ile Ala His Tyr Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8702
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8702

Cys Ala Lys Asp Pro Arg Gln Asn Tyr Gly Pro Thr Tyr Phe Asp Leu
1 5 10 15

Trp

<210> 8703
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8703
gatgattcca agaacacggt gtatttgcaa atgaacagcc tgagagccga ggacacggcc 60

gtctattact gtgcgaaaga tccccgccaa aactacggac ctacgtactt cgatctctgg 120

ggccgtggc 129

<210> 8704

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8704

Asp Asp Ser Lys Asn Thr Val Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro Arg Gln Asn Tyr
20 25 30

Gly Pro Thr Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 8705
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8705
gacaattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtctattact gtgcgaaaga tccccgccaa aactacggac ctacgtactt cgatctctgg 120

ggccgtggc 129

<210> 8706
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8706

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Pro Arg Gln Asn Tyr
            20   25   30

Gly Pro Thr Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 8707
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8707

Cys Ala His Ala Tyr Cys Ser Thr Thr Ser Cys Asp Pro Tyr Tyr Tyr
1   5   10   15

Tyr Asp Met Asp Val Trp
            20

<210> 8708
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8708
caggtggtcc ttacagtgac caacatggac cctgtggaca cagccacata ttactgtgca 60

cacgcgtatt gtagtaccac cagctgcgac ccctactact actacgatat ggacgtctgg 120

ggccaaggg 129

<210> 8709
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8709

Gln Val Val Leu Thr Val Thr Asn Met Asp Pro Val Asp Thr Ala Thr
1 5 10 15

Tyr Tyr Cys Ala His Ala Tyr Cys Ser Thr Thr Ser Cys Asp Pro Tyr
20 25 30

Tyr Tyr Tyr Asp Met Asp Val Trp Gly Gln Gly
35 40

<210> 8710
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8710
caggtggtcc ctacagtgac caacatggac cctgtggaca cagccgcata ttactgtgca 60

cacgcgtatt gtagtaccac cagctgcgac ccctactact actacgatat ggacgtctgg 120

ggccaaggg 129

<210> 8711
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8711

Gln Val Val Pro Thr Val Thr Asn Met Asp Pro Val Asp Thr Ala Ala
1 5 10 15

Tyr Tyr Cys Ala His Ala Tyr Cys Ser Thr Thr Ser Cys Asp Pro Tyr
20 25 30

Tyr Tyr Tyr Asp Met Asp Val Trp Gly Gln Gly

35 40

<210> 8712
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8712

Cys Ala His Arg Pro Ser Leu Gln Trp Leu Asp Trp Trp Phe Asp Pro
1 5 10 15

Trp

<210> 8713
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8713
gacacctcca aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacag acccagcctt cagtggctgg actggtggtt cgacccctgg 120

ggccaggga 129

<210> 8714
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8714

Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1 5 10 15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Pro Ser Leu Gln Trp
            20   25   30

Leu Asp Trp Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 8715
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8715
ggacacctcc aaaaccaggt ggtccttaca atgaccaaca tggaccctgt ggacacagcc 60

acatattact gtgcacacag acccagcctt cagtggctgg actggtggtt cgacccctgg 120

ggccaggga 129

<210> 8716
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8716

Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro
1   5   10   15

Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Arg Pro Ser Leu Gln Trp
            20   25   30

Leu Asp Trp Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 8717
<211> 16
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8717

Cys Ala Arg Thr Trp Arg Arg Asp Gly Tyr Arg Tyr Phe Asp Tyr Trp
1   5   10   15

<210> 8718
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8718
tgggacacgt ccattagcac agcctacatg gagttgagca ggctgagatc agacgacacg   60

gccgtgtatt attgtgcgag gacatggcgt agagatggct acagatactt tgactactgg   120

ggccaggga   129

<210> 8719
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8719

Trp Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu Arg
1   5   10   15

Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Trp Arg Arg Asp
            20   25   30

Gly Tyr Arg Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8720

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8720
agggacacgt ccattagcac agcctacatg gagttgagca ggctgagatc agacgacacg 60

gccgtgtatt attgtgcgag gacatggcgt agagatggct acagatactt tgactactgg 120

ggccaggga 129

<210> 8721
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8721

Arg Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu Arg
1 5 10 15

Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Trp Arg Arg Asp
20 25 30

Gly Tyr Arg Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8722
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8722

Cys Thr Arg Asp Met Leu Thr Ser Val Ile Arg Thr Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val Trp
            20

<210> 8723
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8723
aagaacacgg tgtatctgca aatgaacagt ctgggagccg aggacacggc tacttattac   60

tgtacaagag atatgctgac ttcggtgatt aggacatact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 8724
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8724

Lys Asn Thr Val Tyr Leu Gln Met Asn Ser Leu Gly Ala Glu Asp Thr
1   5   10   15

Ala Thr Tyr Tyr Cys Thr Arg Asp Met Leu Thr Ser Val Ile Arg Thr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8725
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8725
aagaacacgg tgtatctgca aatgaacagt ctgagagccg aggacacggc tacttattac 60

tgtacaagag atatgctgac ttcggtgatt aggacatact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8726
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8726

Lys Asn Thr Val Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Thr Tyr Tyr Cys Thr Arg Asp Met Leu Thr Ser Val Ile Arg Thr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8727
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8727

Cys Ala Arg Asp Tyr Tyr Tyr Gly Ser Gly Ser Tyr Tyr Asn Gly Asp
1 5 10 15

Asn Tyr Tyr Tyr Gly Met Asp Val Trp
20 25

<210> 8728

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8728
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagagattat 60

tactatggtt cggggagtta ttataacgga gataactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8729
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8729

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Asp Tyr Tyr Tyr Gly Ser Gly Ser Tyr Tyr Asn Gly Asp Asn
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8730
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8730
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagagattat 60

tactatggtt cggggagcta ttataacgga gataactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8731
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8731

Cys Ala Arg Val Ile Gly Lys Asp Ala Thr Gly Asp Tyr Trp
1 5 10

<210> 8732
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8732
atctccagag acaatgccaa gaactcactg tatctgcaaa tgaacagcct gagagacgag 60

gacacggctg tgtattactg tgcgagagtg atagggaagg atgctacggg agactactgg 120

ggccaggga 129

<210> 8733
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8733

Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Ile Gly
20 25 30

Lys Asp Ala Thr Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 8734
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8734
atctccagac acaatcccaa gaactcactg tatctgcaaa tgaacagcct gagagacgag 60

gacacggctg tgtattactg tgcgagagtg atagggaagg atgctacggg agactactgg 120

ggccaggga 129

<210> 8735
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8735

Ile Ser Arg His Asn Pro Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Ile Gly
20 25 30

Lys Asp Ala Thr Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 8736
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8736

Cys Ala Arg Gly Pro Glu Asp Tyr Gly Asp Ser Tyr Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 8737
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8737
tgcacagcct acttggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagaggcc cggaggacta cggtgactct tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8738
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8738

Cys Thr Ala Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Gly Pro Glu Asp Tyr Gly Asp Ser Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8739

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8739
agcacagcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagaggcc cggaggacta cggtgactct tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8740
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8740

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Gly Pro Glu Asp Tyr Gly Asp Ser Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8741
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8741

Cys Ala His Ser Arg Ser Arg Tyr Ser Ser Gly Trp Tyr Tyr Phe Asp
1 5 10 15

Tyr Trp

<210> 8742
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8742
acctccaaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacacagtcg tagtaggtat agcagtggct ggtactactt tgactactgg 120

ggccaggga 129

<210> 8743
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8743

Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Arg Ser Arg Tyr Ser Ser
20 25 30

Gly Trp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8744
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8744
cacctccaaa accaggtggt ccttacaatg accaacatgg accctgtgga cacagccaca 60

tattactgtg cacacagtcg tagtaggtat agcagtggct ggtactactt tgactactgg 120

ggccaggga 129

<210> 8745
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8745

His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val
1 5 10 15

Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Arg Ser Arg Tyr Ser Ser
20 25 30

Gly Trp Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8746
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8746

Cys Ala Lys Gly Leu Arg Trp Gln Lys Thr Asn Tyr Phe Asp Tyr Trp
1 5 10 15

<210> 8747
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8747
agatataatt ccaacaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa aggtctacgg tggcaaaaaa caaactactt tgactactgg 120

ggccaggga 129

<210> 8748
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8748

Arg Tyr Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Leu Arg Trp Gln
            20 25 30

Lys Thr Asn Tyr Phe Asp Tyr Trp Gly Gln Gly
        35 40

<210> 8749
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8749
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg 60

gccgtatatt actgtgcgaa aggtctacgg tggcaaaaaa caaactactt tgactactgg 120

ggccaggga 129

<210> 8750

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8750

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Leu Arg Trp Gln
20 25 30

Lys Thr Asn Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8751
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8751

Cys Ile Arg Gly Leu Arg Gly Asp Ser Ala Tyr Asp Tyr Gly Ala Phe
1 5 10 15

Trp

<210> 8752
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8752
tatgagtcaa agaactcact gtatctccaa atgaacagcc taaaaagcga ggacacggcc 60

atatactact gtattagggg ccttcgcggg gatagtgcct acgattatgg ggccttctgg 120

ggccaggga 129

<210> 8753
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8753

Tyr Glu Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Lys Ser
1 5 10 15

Glu Asp Thr Ala Ile Tyr Tyr Cys Ile Arg Gly Leu Arg Gly Asp Ser
20 25 30

Ala Tyr Asp Tyr Gly Ala Phe Trp Gly Gln Gly
35 40

<210> 8754
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8754
gatgagtcaa agaactcact gtatctccaa atgaacagcc taaaaagcga ggacacggcc 60

atatactact gtattagggg ccttcgcggg gatagtgcct acgattatgg ggccttctgg 120

ggccaggga 129

<210> 8755
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8755

Asp Glu Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Lys Ser
1 5 10 15

Glu Asp Thr Ala Ile Tyr Tyr Cys Ile Arg Gly Leu Arg Gly Asp Ser
20 25 30

Ala Tyr Asp Tyr Gly Ala Phe Trp Gly Gln Gly
35 40

<210> 8756
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8756

Cys Ala Arg Asp Leu Val Pro Tyr Tyr Gly Pro Thr Gly Gly Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 8757
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8757
tgcacagcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagatc tagtccctta ctatggtccc accgggggct actatggtat ggacgtctgg 120

ggccaaggg 129

<210> 8758

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8758

Cys Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Leu Val Pro Tyr Tyr Gly Pro Thr Gly
20 25 30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8759
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8759
agcacagcct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagatc tagtccctta ctatggtccc accgggggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8760
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8760

Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Asp Leu Val Pro Tyr Tyr Gly Pro Thr Gly
            20   25   30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8761
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8761

Cys Ala Arg Glu Gly Tyr Arg Asp Tyr Leu Trp Tyr Phe Asp Leu Trp
1   5   10   15

<210> 8762
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8762
tgggacaacg ccaagaactc tctggctctg caaatggaca gcctgagagg cgaggacgcg 60

ggtctatatt actgtgcgag agagggctac cgtgactacc tttggtactt cgatctctgg 120

ggccgtggc 129

<210> 8763
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8763

Trp Asp Asn Ala Lys Asn Ser Leu Ala Leu Gln Met Asp Ser Leu Arg

1 5 10 15

Gly Glu Asp Ala Gly Leu Tyr Tyr Cys Ala Arg Glu Gly Tyr Arg Asp
20 25 30

Tyr Leu Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 8764
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8764
agggacaacg ccaagaactc actggctctg caaatggaca gcctgagagg cgaggacgcg 60

ggtctatatt actgtgcgag agagggctac cgtgactacc tttggtactt cgatctctgg 120

ggccgtggc 129

<210> 8765
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8765

Arg Asp Asn Ala Lys Asn Ser Leu Ala Leu Gln Met Asp Ser Leu Arg
1 5 10 15

Gly Glu Asp Ala Gly Leu Tyr Tyr Cys Ala Arg Glu Gly Tyr Arg Asp
20 25 30

Tyr Leu Trp Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 8766

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8766

Cys Ala Arg Gly Leu Gly Asp Ile Val Val Val Pro Ala Ala Met Arg
1 5 10 15

Pro Thr Leu Phe Asp Tyr Trp
20

<210> 8767
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8767
ttctccctga agctgagctc tgtgactgcc gcggacacgg ccgtgtatta ctgtgcgaga 60

ggtttggggg atattgtagt agtaccagct gctatgcgcc cgacccttt tgactactgg 120

ggccaggga 129

<210> 8768
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8768

Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Gly Leu Gly Asp Ile Val Val Val Pro Ala Ala Met
20 25 30

Arg Pro Thr Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8769
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8769
ttctccctga agctgagctc tgcgactgcc gcggacacgg ccgtgtatta ctgtgcgaga 60

ggtttggggg atattgtagt agtaccagct gctatgcgcc cgacccttt tgactactgg 120

ggccaggga 129

<210> 8770
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8770

Phe Ser Leu Lys Leu Ser Ser Ala Thr Ala Ala Asp Thr Ala Val Tyr
1 5 10 15

Tyr Cys Ala Arg Gly Leu Gly Asp Ile Val Val Val Pro Ala Ala Met
20 25 30

Arg Pro Thr Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8771
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8771

Cys Ala Arg His Ile Gly Tyr Gly Asn Asn Trp Phe Asp Pro Trp
1 5 10 15

<210> 8772
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8772
tcagtagaca cgtccaagaa ccagttctcc ctgaacttga ggtctgtgac cgccgcagac 60

acggccatat attattgtgc gagacatata ggctacggga acaactggtt cgacccctgg 120

ggccaggga 129

<210> 8773
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8773

Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Asn Leu Arg Ser Val
1 5 10 15

Thr Ala Ala Asp Thr Ala Ile Tyr Tyr Cys Ala Arg His Ile Gly Tyr
20 25 30

Gly Asn Asn Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 8774
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8774
tcagtagaca cgtccaagaa ccaggtctcc ctgaacttga ggtctgtgac cgccgcagac 60

acggccgtgt attactgtgc gagacatata ggctacggga acaactggtt cgacccctgg 120

ggccaggga 129

<210> 8775
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8775

Ser Val Asp Thr Ser Lys Asn Gln Val Ser Leu Asn Leu Arg Ser Val
1   5   10   15

Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg His Ile Gly Tyr
            20   25   30

Gly Asn Asn Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 8776
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8776

Cys Ala Lys Leu Pro Thr Ser Gly Ile Arg Gly Gln Asp Asn Trp Leu
1   5   10   15

Asp Pro Trp

<210> 8777
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8777
tccaagaaca tgttgtatct gcaaatgacc agcctgagag tcgaggacac ggccatatat 60

ttctgtgcga aactgccgac ttcgggtata cgtggacaag ataactggct cgacccctgg 120

ggccagggc 129

<210> 8778
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8778

Ser Lys Asn Met Leu Tyr Leu Gln Met Thr Ser Leu Arg Val Glu Asp
1 5 10 15

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

Gln Asp Asn Trp Leu Asp Pro Trp Gly Gln Gly
35 40

<210> 8779
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8779
tccaagaaca tgttgtatct gcaaatgacc agcctgagag ccgaggacac ggccatatat 60

ttctgtgcga aactgccgac ttcgggtata cgtggacaag ataactggct cgacccctgg 120

ggccagggc 129

<210> 8780
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8780

Ser Lys Asn Met Leu Tyr Leu Gln Met Thr Ser Leu Arg Ala Glu Asp
1 5 10 15

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

Gln Asp Asn Trp Leu Asp Pro Trp Gly Gln Gly
35 40

<210> 8781
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8781

Cys Ala Arg Glu Gly Trp Glu His Met Asp Val Trp
1 5 10

<210> 8782
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8782

atcaccgtga cgatggacac atccgcgagc acaggctata tggagctgag gagcctgaga 60

gcagacgaca cggccgtata ttattgtgcg agagaggggt gggagcatat ggacgtctgg 120

ggccaaggg 129

<210> 8783
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8783

Ile Thr Val Thr Met Asp Thr Ser Ala Ser Thr Gly Tyr Met Glu Leu
1 5 10 15

Arg Ser Leu Arg Ala Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu
20 25 30

Gly Trp Glu His Met Asp Val Trp Gly Gln Gly
35 40

<210> 8784
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8784
atcaccgtga cgatgcacac atccgcgagc acaggctata tggagctgag gagcctgaga 60

gcagacgaca cggccgtata ttattgtgcg agagaggggt gggagcatat ggacgtctgg 120

ggccaaggg 129

<210> 8785
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8785

Ile Thr Val Thr Met His Thr Ser Ala Ser Thr Gly Tyr Met Glu Leu
1   5   10   15

Arg Ser Leu Arg Ala Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu
            20   25   30

Gly Trp Glu His Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8786
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8786

Cys Ala Asn Glu Arg Gly Arg Leu Phe Asp Tyr Trp
1   5   10

<210> 8787
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8787
ttcaccatct ccagagacaa cggcaaaaac tccctgtatc tgcaaatgag cagtctgaaa   60

actgaggaca ccgccttgta ttactgtgca aacgaacggg ggcgactatt tgactactgg   120

ggccaggga   129

<210> 8788
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8788

Phe Thr Ile Ser Arg Asp Asn Gly Lys Asn Ser Leu Tyr Leu Gln Met
1   5   10   15

Ser Ser Leu Lys Thr Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Asn Glu
            20   25   30

Arg Gly Arg Leu Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8789
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8789
ttcaccatct ccagagacaa cagcaaaaac tccctgtatc tgcaaatgaa cagtctgaaa   60

actgaggaca ccgccttgta ttactgtgca aacgaacggg ggcgactatt tgactactgg   120

ggccaggga   129

<210> 8790
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8790

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Ser Leu Tyr Leu Gln Met
1   5   10   15

Asn Ser Leu Lys Thr Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Asn Glu

20 25 30

Arg Gly Arg Leu Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8791
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8791

Cys Thr Thr Thr Tyr Tyr Asp Ile Leu Thr Gly Tyr Phe Leu Asp Arg
1 5 10 15

Leu Val Phe Tyr Trp
20

<210> 8792
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8792
aacacgctgt atctgcaaat gaacagcctg aaaaccgagg acacagccgt gtattactgt 60

accacaacct attacgatat tttgactggt tattttctgg accgcctcgt cttctactgg 120

ggccaggga 129

<210> 8793
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8793

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Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala
1               5                   10                  15


Val Tyr Tyr Cys Thr Thr Thr Tyr Tyr Asp Ile Leu Thr Gly Tyr Phe
            20                  25                  30


Leu Asp Arg Leu Val Phe Tyr Trp Gly Gln Gly
        35                  40


<210>  8794
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  8794
aacacgctgt atctgcaaat gaacagcctg aaaaccgagg acacagccgt gtattactgt       60

accacaacct attacgatat tttgactggc tattttctgg accgcctcgt cttctactgg      120

ggccaggga                                                              129


<210>  8795
<211>  18
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  8795

Cys Ala Arg Gly Gly Arg Arg Trp Leu Gln Phe Arg Gly Gly Phe Asp
1               5                   10                  15


Tyr Trp



<210>  8796
<211>  129
<212>  DNA
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8796
tcgtccaaga accagttctc cctgaagctg agctctgtga ccgccgcgga cacggctgtg 60

tattactgtg cgagaggagg gaggagatgg ctacaattta ggggggggctt tgactactgg 120

ggccaggga 129

<210> 8797
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8797

Ser Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Arg Arg Trp Leu Gln
20 25 30

Phe Arg Gly Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8798
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8798
acgtccaaga accagttctc cctgaagctg agctctgtga ccgccgcgga cacggctgtg 60

tattactgtg cgagaggagg gaggagatgg ctacaattta ggggggggctt tgactactgg 120

ggccaggga 129

<210> 8799
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8799

Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Arg Arg Trp Leu Gln
            20   25   30

Phe Arg Gly Gly Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8800
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8800

Cys Ala Arg Asp Arg Glu Val Ala Gly Thr Glu Ala Asn Tyr Phe Lys
1   5   10   15

Asp Trp

<210> 8801
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8801

acgtccacga ggacagtcta catggaactg agcagcctgg catctgatga cacggccgtg 60

tactactgtg cgagagaccg ggaagtggct ggtacggagg cgaactactt taaagactgg 120

ggccaggga 129

<210> 8802
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8802

Thr Ser Thr Arg Thr Val Tyr Met Glu Leu Ser Ser Leu Ala Ser Asp
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Glu Val Ala Gly Thr
20 25 30

Glu Ala Asn Tyr Phe Lys Asp Trp Gly Gln Gly
35 40

<210> 8803
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8803
acgtccacga ggacagtcta catggaactg agcagcctga catctgatga cacggccgtg 60

tactactgtg cgagagaccg ggaagtggct ggtacggagg cgaactactt taaagactgg 120

ggccaggga 129

<210> 8804
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8804

Thr Ser Thr Arg Thr Val Tyr Met Glu Leu Ser Ser Leu Thr Ser Asp
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Glu Val Ala Gly Thr
            20   25   30

Glu Ala Asn Tyr Phe Lys Asp Trp Gly Gln Gly
        35   40

<210> 8805
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8805

Cys Ala Arg Asp Pro Tyr Arg Gly Gly Met Asp Val Trp
1   5   10

<210> 8806
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8806
tccatctcca tagacaatgc caagaactca ctgtatctgc aaatgaacag cctgagagac   60

gaggacacgg ctgtgtatta ctgtgcgaga gatccctacc gcggcggtat ggacgtctgg   120

ggccaaggg   129

<210> 8807
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8807

Ser Ile Ser Ile Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Pro
            20   25   30

Tyr Arg Gly Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8808
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8808
accatctcca gagacaatgc caagaactca ctgtatctgc aaatgaacag cctgagagac   60

gaggacacgg ctgtgtatta ctgtgcgaga gatccctacc gcggcggtat ggacgtctgg   120

ggccaaggg   129

<210> 8809
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8809

Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Pro

20 25 30

Tyr Arg Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8810
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8810

Cys Thr Arg Val Arg Arg Gly Ser Gly Val Ala Pro Tyr Ser Ser Ser
1 5 10 15

Trp Gly Arg Tyr Tyr Phe Asp Tyr Trp
20 25

<210> 8811
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8811
ctgcaaatga acagcctgaa aaccgaggac acagccgtgt attactgtac tagagttaga 60

agagggtcgg gggtggcgcc gtatagcagc agctggggac ggtactactt tgactactgg 120

ggccaggga 129

<210> 8812
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8812

Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Thr Arg Val Arg Arg Gly Ser Gly Val Ala Pro Tyr Ser Ser Ser Trp
20 25 30

Gly Arg Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8813
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8813
ctgaaaatga acagcctgaa aaccgaggac acagccgtgt attactgtac tagagttaga 60

agagggtcgg gggtggcgcc gtatagcagc agctggggac ggtactactt tgactactgg 120

ggccaggga 129

<210> 8814
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8814

Leu Lys Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Thr Arg Val Arg Arg Gly Ser Gly Val Ala Pro Tyr Ser Ser Ser Trp
20 25 30

Gly Arg Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8815
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8815

Cys Ala Lys Asp Tyr Ser Lys Tyr Gly Asp Tyr Gly Gly Tyr Phe Asp
1 5 10 15

Leu Trp

<210> 8816
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8816
aacgccaaga actccctgta tctgcaaatg aacagtctga gagctgagga cacggccttg 60

tattactgtg caaaagatta ttcgaagtac ggtgactacg ggggatactt cgatctctgg 120

ggccgtggc 129

<210> 8817
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8817

Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Tyr Ser Lys Tyr Gly Asp

20 25 30

Tyr Gly Gly Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 8818
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8818
aacgccaaga actccctgta tctgcaaatg aacagtctga gagctgagga cacggccttg 60

cattactgtg caaaagatta ttcgaagtac ggtgactacg ggggatactt cgacctctgg 120

ggccgtggc 129

<210> 8819
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8819

Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

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

Tyr Gly Gly Tyr Phe Asp Leu Trp Gly Arg Gly
35 40

<210> 8820
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8820

Cys Ala His Gly Asp Asp Ile Leu Thr Gly Tyr Ala Phe Asp Ile Trp
1   5   10   15

<210> 8821
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8821
caaggacacc tccaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca   60

gccacatatt actgtgcaca cggtgacgat attttgactg gttatgcttt tgatatctgg   120

ggccaaggg   129

<210> 8822
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8822

Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1   5   10   15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Asp Asp Ile Leu
            20   25   30

Thr Gly Tyr Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 8823
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8823
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cggtgacgat attttgactg gttatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8824
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8824

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Gly Asp Asp Ile Leu
20 25 30

Thr Gly Tyr Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8825
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8825

Cys Ala Arg Asp Pro His Ser Thr Gly Val Gly Trp Tyr Gly Gly Ala
1 5 10 15

Tyr Phe Asp Tyr Trp

20

<210> 8826
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8826
aactccctgt atctgcaaat gaacagtctg agagccgagg acacggcctt gtattactgt 60

gcgagagacc cccactccac cggggtcggc tggtacgggg gggcttactt tgactactgg 120

ggccaggga 129

<210> 8827
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8827

Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Leu Tyr Tyr Cys Ala Arg Asp Pro His Ser Thr Gly Val Gly Trp Tyr
20 25 30

Gly Gly Ala Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8828
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8828

tactccctgt atctgcaaat gaacagtctg agagccgagg acacggcctt gtattactgt 60

gcgagagacc cccactccac cggggtcggc tggtacgggg gggcttactt tgactactgg 120

ggccaggga 129

<210> 8829
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8829

Tyr Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Leu Tyr Tyr Cys Ala Arg Asp Pro His Ser Thr Gly Val Gly Trp Tyr
20 25 30

Gly Gly Ala Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8830
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8830

Cys Ala Lys Glu Tyr Ser Ser Ser Trp Phe Asp Pro Trp
1 5 10

<210> 8831
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8831
tacatctcca gagacaacgc caagaactcc ctgtatctgc aaatgaacag tctgagagct 60

gaggacacgg ccttttatta ctgtgcaaaa gaatatagca gctcctggtt cgacccctgg 120

ggccaggga 129

<210> 8832
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8832

Tyr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Phe Tyr Tyr Cys Ala Lys Glu Tyr
20 25 30

Ser Ser Ser Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 8833
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8833
accatctcca gagacaacgc caagaactcc ctgtatctgc aaatgaacag tctgagagct 60

gaggacacgg ccttttatta ctgtgcaaaa gaatatagca gctcctggtt cgacccctgg 120

ggccaggga 129

<210> 8834
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8834

Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Phe Tyr Tyr Cys Ala Lys Glu Tyr
20 25 30

Ser Ser Ser Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 8835
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8835

Cys Ala Arg Asp Ala Arg Gly Val Arg Trp Tyr Thr Tyr Tyr Tyr Gly
1 5 10 15

Ser Gly Ser Ser Tyr Gly Met Asp Val Trp
20 25

<210> 8836
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8836
caaatgaaca gtctgagagc cgaggacgcg gccttgtatt actgtgcgag agatgccagg 60

ggtgtcaggt ggtacacgta ttactatggt tcggggagtt cttacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8837
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8837

Gln Met Asn Ser Leu Arg Ala Glu Asp Ala Ala Leu Tyr Tyr Cys Ala
1 5 10 15

Arg Asp Ala Arg Gly Val Arg Trp Tyr Thr Tyr Tyr Tyr Gly Ser Gly
20 25 30

Ser Ser Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8838
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8838
caaatgaaca gtctgagagc cgaggacacg gccttgtatt actgtgcgag agatgccagg 60

ggtgtcagat ggtacacgta ttactatggt tcggggagtt cttacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8839
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8839

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala
1   5   10   15

Arg Asp Ala Arg Gly Val Arg Trp Tyr Thr Tyr Tyr Tyr Gly Ser Gly
            20   25   30

Ser Ser Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8840
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8840

Cys Gly Arg Asp Ala Arg Ser Ser Gly Tyr Asn Gly Tyr Asp Leu Phe
1   5   10   15

Asp Ile Trp

<210> 8841
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8841
tccatcagca cagccttcat ggaacttagc agtctaagat atgacgacac ggccgtatat 60

tactgtggga gagatgcacg gtctagtggc tacaatggat atgatttgtt tgatatctgg 120

ggccaaggg 129

<210> 8842
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8842

Ser Ile Ser Thr Ala Phe Met Glu Leu Ser Ser Leu Arg Tyr Asp Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Gly Arg Asp Ala Arg Ser Ser Gly Tyr Asn
            20   25   30

Gly Tyr Asp Leu Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 8843
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8843
cccatcagca cagccttcat ggaacttagc agtctaagat atgacgacac ggccgtatat   60

tactgtggga gagatgcacg gtctagtggc tacaatggat atgatttgtt tgatatctgg   120

ggccaaggg   129

<210> 8844
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8844

Pro Ile Ser Thr Ala Phe Met Glu Leu Ser Ser Leu Arg Tyr Asp Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Gly Arg Asp Ala Arg Ser Ser Gly Tyr Asn

20 25 30

Gly Tyr Asp Leu Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8845
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8845

Cys Ala Arg Glu Trp Ile Thr Met Val Gln Gly Arg Asp Gly Met Asp
1 5 10 15

Val Trp

<210> 8846
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8846
aacgccaaga acacgctgta tctgcaaatg aacagtctga gagccgaaga cacggctgtg 60

tatttctgtg caagagagtg gattactatg gttcaggggc gagacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8847
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8847

Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1   5   10   15

Asp Thr Ala Val Tyr Phe Cys Ala Arg Glu Trp Ile Thr Met Val Gln
            20   25   30

Gly Arg Asp Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8848
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8848
aacgccaaga acacgctgta tctgcaaatg aacagtccga gagccgaaga cacggctgtg 60

tatttctgtg caagagagtg gattactatg gttcaggggc gagacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8849
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8849

Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Pro Arg Ala Glu
1   5   10   15

Asp Thr Ala Val Tyr Phe Cys Ala Arg Glu Trp Ile Thr Met Val Gln
            20   25   30

Gly Arg Asp Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8850
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8850

Cys Ala Arg Thr Thr Pro Phe Gly Trp Tyr Asp Tyr Trp
1 5 10

<210> 8851
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8851
tgtatctcaa tagatgattc aaagaactca ctgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtacta ctgtgctagg acgacccccct ttggctggta cgactactgg 120

ggccaggga 129

<210> 8852
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8852

Cys Ile Ser Ile Asp Asp Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Thr
20 25 30

Pro Phe Gly Trp Tyr Asp Tyr Trp Gly Gln Gly

35 40

<210> 8853
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8853
agtatctcaa gagatgattc aaagaactca ctgtatctgc aaatgaacag cctgaaaacc 60

gaggacacgg ccgtgtacta ctgtgctagg acgacccccct ttggctggta cgactactgg 120

ggccaggga 129

<210> 8854
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8854

Ser Ile Ser Arg Asp Asp Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Thr
20 25 30

Pro Phe Gly Trp Tyr Asp Tyr Trp Gly Gln Gly
35 40

<210> 8855
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8855

Cys Ala Lys Asp Tyr Glu Ala Ala Ala Gly Thr Trp
1 5 10

<210> 8856
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8856
ttcaccatct ccagatataa ttccaagaac gcgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaagattacg aagcagcagc tggtacctgg 120

ggccaggga 129

<210> 8857
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8857

Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Ala Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp
            20 25 30

Tyr Glu Ala Ala Ala Gly Thr Trp Gly Gln Gly
        35 40

<210> 8858
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8858
ttcaccatct ccagagataa ttccaagaac gcgctgtatc tgcaaatgaa cagcctgaga 60

gccgaggaca cggccgtata ttactgtgcg aaagattacg aagcagcagc tggtacctgg 120

ggccaggga 129

<210> 8859
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8859

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Ala Leu Tyr Leu Gln Met
1 5 10 15

Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp
20 25 30

Tyr Glu Ala Ala Ala Gly Thr Trp Gly Gln Gly
35 40

<210> 8860
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8860

Cys Ala Arg Gly Gly Arg Gly Tyr Ser Ser Ser Trp Ser Leu Asp Tyr
1 5 10 15

Trp

<210> 8861

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8861
gacacatcca agaaccagtt ctccctgcag ctgaactctg tgactcccga ggacacggct 60

gtgtattact gtgcaagagg gggtcggggg tatagcagca gctggtccct tgactactgg 120

ggccaggga 129

<210> 8862
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8862

Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser Val Thr Pro
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Arg Gly Tyr Ser
20 25 30

Ser Ser Trp Ser Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 8863
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8863
gacacatcca agaaccagtt ctccctgcag ctgaactctg tgactcccga ggacacggct 60

gtgtattact gtgcaagagg ggggcggggg tatagcagca gctggtccct tgactactgg 120

ggccaggga 129

<210> 8864
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8864

Cys Ala Lys Asp Met Val Tyr Thr Ser Gly Gly Gly Ala Leu Asp Tyr
1 5 10 15

Trp

<210> 8865
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8865
gacaacgtca agaactccct gtatctgcaa atgaacagtc tgagacctga ggacacggcc 60

ttatattact gtgcaaaaga tatggtgtat accagtggag ggggggctct tgactactgg 120

ggccaggga 129

<210> 8866
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8866

Asp Asn Val Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Pro
1 5 10 15

Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Met Val Tyr Thr Ser
            20   25   30

Gly Gly Gly Ala Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8867
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8867
gacaacgtca acaactccct gtatctgcaa atgaacagtc tgagacctga ggacacggcc 60

ttatattact gtgcaaaaga tatggtgtat accagtggag ggggggctct tgactactgg 120

ggccaggga 129

<210> 8868
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8868

Asp Asn Val Asn Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Pro
1   5   10   15

Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Met Val Tyr Thr Ser
            20   25   30

Gly Gly Gly Ala Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8869
<211> 13
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8869

Cys Thr Val Val Ile Pro Ser Thr Pro Phe Glu Tyr Trp
1 5 10

<210> 8870
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8870
actatgacca cagacacatc cacgaacaca gcctacatgg agctgagggg tctgagatct 60

gacgacacgg ccgtgtatcg ctgtacggta gtgattcctt ctacgccctt tgaatattgg 120

ggccaggga 129

<210> 8871
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8871

Thr Met Thr Thr Asp Thr Ser Thr Asn Thr Ala Tyr Met Glu Leu Arg
1 5 10 15

Gly Leu Arg Ser Asp Asp Thr Ala Val Tyr Arg Cys Thr Val Val Ile
20 25 30

Pro Ser Thr Pro Phe Glu Tyr Trp Gly Gln Gly
35 40

<210> 8872

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8872
aatatgacca cagacacatc cacgaacaca gcctacatgg agctgagggg tctgagatct 60

gacgacacgg ccgtgtatcg ctgtacggta gtgattcctt ctacgccctt tgaatattgg 120

ggccaggga 129

<210> 8873
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8873

Asn Met Thr Thr Asp Thr Ser Thr Asn Thr Ala Tyr Met Glu Leu Arg
1 5 10 15

Gly Leu Arg Ser Asp Asp Thr Ala Val Tyr Arg Cys Thr Val Val Ile
20 25 30

Pro Ser Thr Pro Phe Glu Tyr Trp Gly Gln Gly
35 40

<210> 8874
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8874

Cys Ala Arg Val Arg Cys Ser Gly Gly Ser Cys Tyr Ser Val Gly Asp
1 5 10 15

Tyr Trp

<210> 8875
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8875
acgtccacga gcacagtcta catggaggtg agcagcctga gatctgagga cacggccgtg 60

tattactgtg cgcgagtgcg ctgtagtggt ggtagttgct actccgtcgg ggactactgg 120

ggccaggga 129

<210> 8876
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8876

Thr Ser Thr Ser Thr Val Tyr Met Glu Val Ser Ser Leu Arg Ser Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Arg Cys Ser Gly Gly Ser
20 25 30

Cys Tyr Ser Val Gly Asp Tyr Trp Gly Gln Gly
35 40

<210> 8877
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8877
acgtccacga gcacagtcta catggaggtg agcagcctga gatctgagga cacggccgtg 60

tattactgtg cgcgagtgcg ctgtagtggt ggtagctgct actccgtcgg ggactactgg 120

ggccaggga 129

<210> 8878
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8878

Cys Ala Lys Gly Val Asp Ser Ser Gly Trp Arg Glu Gly Ala Phe Asp
1 5 10 15

Ile Trp

<210> 8879
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8879
aattccaaga acacgctgta tctgcaaatg aacagcctga gagccgagga cacggccgta 60

tattactgtg cgaaaggagt ggatagcagt ggctggcgag aaggagcttt tgatatctgg 120

ggccaaggg 129

<210> 8880
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8880

Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Val Asp Ser Ser Gly Trp
20 25 30

Arg Glu Gly Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8881
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8881
aattccaaga acacgatgta tctgcaaatg aacagcctga gagccgagga cacggccgta 60

tattactgtg cgaaaggagt ggatagcagt ggctggcgag aaggagcttt tgatatctgg 120

ggccaaggg 129

<210> 8882
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8882

Asn Ser Lys Asn Thr Met Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gly Val Asp Ser Ser Gly Trp
20 25 30

Arg Glu Gly Ala Phe Asp Ile Trp Gly Gln Gly

35 40

<210> 8883
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8883

Cys Ala Lys Glu Arg Gly Gly Tyr Tyr Asp Ser Ser Gly Tyr Ser Ala
1 5 10 15

Asp Ala Phe Asp Ile Trp
20

<210> 8884
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8884
acgctgtgtc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagagaggg ggggttacta tgatagtagt ggttattcgg cggatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8885
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8885

Thr Leu Cys Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Lys Glu Arg Gly Gly Tyr Tyr Asp Ser Ser Gly Tyr
            20   25   30

Ser Ala Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 8886
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8886
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 60

aaagagaggg ggggttacta tgatagtagt ggttattcgg cggatgcttt tgatatctgg 120

ggccaaggg 129

<210> 8887
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8887

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Lys Glu Arg Gly Gly Tyr Tyr Asp Ser Ser Gly Tyr
            20   25   30

Ser Ala Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 8888
<211> 22
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8888

Cys Ala Thr Asp Tyr Cys Ser Ile Thr Gly Cys Asn Gly Gly Tyr Tyr
1   5   10   15

Tyr Gly Met Val Val Trp
            20

<210> 8889
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8889
acagtataca tggaactgag tagcctgaca tctgaggaca cggccgtgta ttattgtgcg   60

acagattatt gcagcattac cggctgtaat ggaggctact actatggtat ggtcgtctgg   120

ggccaaggg   129

<210> 8890
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8890

Thr Val Tyr Met Glu Leu Ser Ser Leu Thr Ser Glu Asp Thr Ala Val
1   5   10   15

Tyr Tyr Cys Ala Thr Asp Tyr Cys Ser Ile Thr Gly Cys Asn Gly Gly
            20   25   30

Tyr Tyr Tyr Gly Met Val Val Trp Gly Gln Gly

35 40

<210> 8891
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8891
aaagtataca tggaactgag tagcctgaca tctgaggaca cggccgtgta ttattgtgcg 60

acagattatt gcagcattac cggctgtaat ggaggctact actatggtat ggtcgtctgg 120

ggccaaggg 129

<210> 8892
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8892

Lys Val Tyr Met Glu Leu Ser Ser Leu Thr Ser Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Thr Asp Tyr Cys Ser Ile Thr Gly Cys Asn Gly Gly
20 25 30

Tyr Tyr Tyr Gly Met Val Val Trp Gly Gln Gly
35 40

<210> 8893
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8893

Cys Ala Arg Gly Gly Tyr Cys Ser Gly Gly Ser Cys Tyr Ser Asn Tyr
1   5   10   15

Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
            20   25

<210> 8894
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8894
ttggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gaggggggga 60

tattgtagtg gtggtagctg ctactccaat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8895
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8895

Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Gly Gly Tyr Cys Ser Gly Gly Ser Cys Tyr Ser Asn Tyr Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8896
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8896
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gaggggggga 60

tattgtagtg gtggtagctg ctactccaat tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8897
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8897

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Gly Gly Tyr Cys Ser Gly Gly Ser Cys Tyr Ser Asn Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8898
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8898

Cys Ala Lys Asp Asn Gly Gly Trp Leu Ala Tyr Tyr Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val Trp

20

<210> 8899
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8899
tacaacacgc tgtatctgca aatgaacagc ctgagagccg aggacacggc cgtatattac 60

tgtgcgaaag ataatggggg gtggctagca tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8900
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8900

Tyr Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Lys Asp Asn Gly Gly Trp Leu Ala Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8901
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8901

aagaacacgc tgtatctgca aatgaacagc ctgagagccg aggacacggc cgtatattac 60

tgtgcgaaag ataatggggg gtggctagca tactactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8902
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8902

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Lys Asp Asn Gly Gly Trp Leu Ala Tyr Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8903
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8903

Cys Ala Arg Ser Gly His Ser Tyr Asp Phe Trp Ser Glu Val Tyr Trp
1 5 10 15

Phe Asp Pro Trp
20

<210> 8904
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8904
caagaaccag ttctcctgaa gctgagctct gtgaccgccg cggacacggc cgtgtattac 60

tgtgcgagat cgggccactc ctacgatttt tggagtgagg tttactggtt cgacccctgg 120

ggccaggga 129

<210> 8905
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8905

Gln Glu Pro Val Leu Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg Ser Gly His Ser Tyr Asp Phe Trp Ser
            20   25   30

Glu Val Tyr Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 8906
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8906
aagaaccagt tctccctgaa gctgagctct gtgaccgccg cggacacggc cgtgtattac 60

tgtgcgagat cgggccactc ctacgatttt tggagtgagg tttactggtt cgacccctgg 120

ggccaggga 129

<210> 8907
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8907

Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg Ser Gly His Ser Tyr Asp Phe Trp Ser
            20   25   30

Glu Val Tyr Trp Phe Asp Pro Trp Gly Gln Gly
        35   40

<210> 8908
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8908

Cys Ala Lys Asp Ile Arg Pro His Thr Arg Pro Tyr Gly Met Asp Val
1   5   10   15

Trp

<210> 8909
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8909

agacaacgcc aagaactcct gtatctgcaa atgaacagtc tgagagctga ggacacggcc 60

ttgtattact gtgcaaaaga tataaggccg cacacccggc cctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8910
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8910

Arg Gln Arg Gln Glu Leu Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Ile Arg Pro His Thr
20 25 30

Arg Pro Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8911
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8911
gacaacgcca agaactccct gtatctgcaa atgaacagtc tgagagctga ggacacggcc 60

ttgtattact gtgcaaaaga tataaggccg cacacccggc cctacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8912
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8912

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1   5   10   15

Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Asp Ile Arg Pro His Thr
            20   25   30

Arg Pro Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8913
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8913

Cys Ala Lys Asp Gln Asp Tyr Asp Ile Leu Thr Gly Phe Glu Lys Tyr
1   5   10   15

Gly Met Asp Val Trp
            20

<210> 8914
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8914
aacacgctgt atctgcaaat gaacagcctg agagccgagg acacggctgt gtattactgt   60

gcgaaagatc aggattacga tattttgact ggtttcgaaa aatacggtat ggatgtctgg   120

ggccaaggg   129

<210> 8915
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8915

Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Lys Asp Gln Asp Tyr Asp Ile Leu Thr Gly Phe
20 25 30

Glu Lys Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8916
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8916
aacacgctgt atctgcaaat gaacagcctg agagccgagg acacggctgt gtattactgt 60

gcgaaagatc aagattacga tattttgact ggtttcgaaa aatacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8917
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8917

Cys Ala Arg Gly Glu Gly Tyr Tyr Asp Phe Trp Ser Gly Tyr Arg Arg

1 5 10 15

Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
20 25

<210> 8918
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8918
ttggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagaggagag 60

gggtattacg atttttggag tggttaccgc cgctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8919
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8919

Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1 5 10 15

Ala Arg Gly Glu Gly Tyr Tyr Asp Phe Trp Ser Gly Tyr Arg Arg Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8920
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8920
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagaggagag 60

gggtattacg atttttggag tggttaccgc cgctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8921
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8921

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
1   5   10   15

Ala Arg Gly Glu Gly Tyr Tyr Asp Phe Trp Ser Gly Tyr Arg Arg Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8922
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8922

Cys Ala Arg Ser Gln Ile Val Val Val Ile Ala Tyr Phe Asp Tyr Trp
1   5   10   15

<210> 8923
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8923
tgggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag gagtcagata gtagtggtta tcgcttactt tgactactgg 120

ggccaggga 129

<210> 8924
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8924

Trp Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ser Gln Ile Val Val
20 25 30

Val Ile Ala Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8925
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8925
agggacacgt ccacgagcac agtctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag gagtcagata gtagtggtta tcgcttactt tgactactgg 120

ggccaggga 129

<210> 8926
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8926

Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg
1   5   10   15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ser Gln Ile Val Val
            20   25   30

Val Ile Ala Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8927
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8927

Cys Ala Arg Leu Gly Pro Ile Ala Ala Ala Gly Gly Pro Phe Asp Tyr
1   5   10   15

Trp

<210> 8928
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8928

gacacgtcca agaaccagtt ctccctgaag ctgacctctg tgaccgccgc agacacggct 60

gtgtattact gtgcgagact ggggcccata gcagcagctg ggggaccttt tgactactgg 120

ggccaggga 129

<210> 8929
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8929

Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Thr Ser Val Thr Ala
1 5 10 15

Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Gly Pro Ile Ala Ala
20 25 30

Ala Gly Gly Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8930
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8930
gacacgtcca agaaccagtt ctccctgaag ctgacctctg tgaccgccgc agacacggct 60

gtgtactact gtgcgagact ggggcccata gcagcagctg ggggaccttt tgactactgg 120

ggccaggga 129

<210> 8931
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8931

Cys Ala Arg Asp Arg Leu Glu Tyr Ser Ser Ser Asp Asp Trp Asp Pro
1   5   10   15

Phe Asp Tyr Trp
            20

<210> 8932
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8932
tcgagcacag cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac   60

tgtgcgagag atcggctcga gtatagcagc tccgacgact gggacccctt tgactactgg   120

ggccaggga   129

<210> 8933
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8933

Ser Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg Asp Arg Leu Glu Tyr Ser Ser Ser Asp
            20   25   30

Asp Trp Asp Pro Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8934
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8934
acgagcacag cctacatgga gctgagcagc ctgagatctg aggacacggc cgtgtattac 60

tgtgcgagag atcggctcga gtatagcagc tccgacgact gggacccctt tgactactgg 120

ggccaggga 129

<210> 8935
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8935

Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Asp Arg Leu Glu Tyr Ser Ser Ser Asp
20 25 30

Asp Trp Asp Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8936
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8936

Cys Ala Arg Asp Leu Arg Gly Leu Val Arg Ala Phe Asp Ile Trp

1 5 10 15

<210> 8937
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8937
tcagttgact cgtccaagaa ccagttctcc ctgaagctga gctctgtgac cgccgcggac 60

acggccgtgt attactgtgc gagagatctg agggggctgg tacgtgcttt tgatatctgg 120

ggccaaggg 129

<210> 8938
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8938

Ser Val Asp Ser Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val
1 5 10 15

Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu Arg Gly
20 25 30

Leu Val Arg Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8939
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8939

tcagtagaca cgtccaagaa ccagttctcc ctgaagctga gctctgtgac cgccgcggac 60

acggccgtgt attactgtgc gagagatctg agggggctgg tacgtgcttt tgatatctgg 120

ggccaaggg 129

<210> 8940
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8940

Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val
1 5 10 15

Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Leu Arg Gly
20 25 30

Leu Val Arg Ala Phe Asp Ile Trp Gly Gln Gly
35 40

<210> 8941
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8941

Cys Val Arg Leu Ala Ala Ala Asp Gly Phe Asp Tyr Trp
1 5 10

<210> 8942
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8942
aaccatcagc cagacacatc caagaaccag ttctccctgc agctgaaata tgtgactccc 60

gaggacacgg ctgtgtatta ctgtgtaaga ttggcagcag ctgacggctt tgactactgg 120

ggccaggga 129

<210> 8943
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8943

Asn His Gln Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Lys
1 5 10 15

Tyr Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Leu Ala
20 25 30

Ala Ala Asp Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8944
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8944
accatcagcc cagacacatc caagaaccag ttctccctgc agctgaaata tgtgactccc 60

gaggacacgg ctgtgtatta ctgtgtaaga ttggcagcag ctgacggctt tgactactgg 120

ggccaggga 129

<210> 8945
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8945

Thr Ile Ser Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Lys
1 5 10 15

Tyr Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Leu Ala
20 25 30

Ala Ala Asp Gly Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8946
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8946

Cys Ala Ser Trp Asp Ser Glu Gly Trp Tyr Phe Asp Tyr Trp
1 5 10

<210> 8947
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8947
attaccgcgg acaaatccac gagcacagcc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagttgg gatagcgagg ggtggtactt tgactactgg 120

ggccaggga 129

<210> 8948

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8948

Ile Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Trp Asp Ser
20 25 30

Glu Gly Trp Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8949
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8949
attaccgcgc acaaatccac gagcacagcc tacatggagc tgagcagcct gagatctgag 60

gacacggccg tgtattactg tgcgagttgg gatagcgagg ggtggtactt tgactactgg 120

ggccaggga 129

<210> 8950
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8950

Ile Thr Ala His Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser Ser
1 5 10 15

Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ser Trp Asp Ser
            20   25   30

Glu Gly Trp Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8951
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8951

Cys Ala His Asp Arg Lys Ile Ser Leu Tyr Gly Phe Tyr Tyr Tyr Tyr
1   5   10   15

Gly Met Asp Val Trp
            20

<210> 8952
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8952
aaccaggtgg tcctaacaat gaccaacatg gaccctgtgg acacagccac atattactgt 60

gcacacgacc ggaaaatatc gctctacggg ttctactact actatggcat ggacgtctgg 120

ggccaaggg 129

<210> 8953
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8953

Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp Thr Ala
1 5 10 15

Thr Tyr Tyr Cys Ala His Asp Arg Lys Ile Ser Leu Tyr Gly Phe Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8954
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8954
aacaaggtgg tcctaacaat gaccaacatg gaccctgtgt acacagccac atattactgt 60

gcacacgacc ggaaaatatc gctctacggg ttctactact actatggcat ggacgtctgg 120

ggccaaggg 129

<210> 8955
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8955

Asn Lys Val Val Leu Thr Met Thr Asn Met Asp Pro Val Tyr Thr Ala
1 5 10 15

Thr Tyr Tyr Cys Ala His Asp Arg Lys Ile Ser Leu Tyr Gly Phe Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly

35 40

<210> 8956
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8956

Cys Ala Arg Asp Ala Pro Tyr Tyr Asp Ile Leu Thr Gly Tyr Ser Asp
1 5 10 15

Pro Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
20 25

<210> 8957
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8957
gtgctgagga gcctgagatc tgacgacacg gccgtgtatt actgtgcgag agatgcccca 60

tattacgata ttttgactgg ttattccgac ccttactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8958
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8958

Val Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala
1 5 10 15

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

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8959
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8959
gagctgagga gcctgagatc tgacgacacg gccgtgtatt actgtgcgag agatgcccca 60

tattacgata ttttgactgg ttattccgac ccttactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8960
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8960

Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala
1   5   10   15

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

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8961
<211> 15
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8961

Cys Ala Arg Asp Ser Gly Lys Asn Tyr Tyr Gly Met Asp Val Trp
1   5   10   15

<210> 8962
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8962
tccagagata attccaagaa cacgctgtat ctgcaaatga acagcctgag aggcgaggac   60

acggccgtat attactgtgc gagagattcc ggtaaaaact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 8963
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8963

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Arg Gly Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ser Gly Lys
            20   25   30

Asn Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 8964

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8964
tccagagata attccaacaa cacgctgtat ctgcaaatga acagcctgag aggcgaggac 60

acggccgtat attactgtgc gagagattcc ggtaaaaact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 8965
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8965

Ser Arg Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Gly Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ser Gly Lys
20 25 30

Asn Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 8966
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8966

Cys Ala His Ser His Asp Ser Ser Arg Arg Ser Pro Phe Asp Tyr Trp
1 5 10 15

<210> 8967
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8967
caaggacacc tccaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cagtcatgat agtagtcgga ggtccccctt tgactactgg 120

ggccaggga 129

<210> 8968
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8968

Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser His Asp Ser Ser
20 25 30

Arg Arg Ser Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8969
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8969
aaggacacct ccaaaaacca ggtggtcctt acaatgacca acatggaccc tgtggacaca 60

gccacatatt actgtgcaca cagtcatgat agtagtcgga ggtccccctt tgactactgg 120

ggccaggga 129

<210> 8970
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8970

Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met Asp
1 5 10 15

Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser His Asp Ser Ser
20 25 30

Arg Arg Ser Pro Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 8971
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8971

Cys Ala Lys Asp Arg Ile Ala Leu Asp Gly Leu Trp Asp Ser Asp Tyr
1 5 10 15

Trp

<210> 8972
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8972
gacgactcca agaacacgat gtttctccac atgaacagac tgagagtcga cgacacggcc 60

gtatatttct gtgcgaaaga ccgcattgcc cttgatggcc tctgggactc tgactactgg 120

ggccaggga 129

<210> 8973
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8973

Asp Asp Ser Lys Asn Thr Met Phe Leu His Met Asn Arg Leu Arg Val
1   5   10   15

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

Gly Leu Trp Asp Ser Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8974
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8974

Cys Ala Arg Glu Gly Gly Thr Thr Val Ala Thr Gly Arg Phe Asp Pro
1   5   10   15

Trp

<210> 8975
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8975
cacacatcca cgaccacagc ctacatggag ctgaggagcc tgagatctga cgacacggcc 60

gtctactact gtgcgagaga gggtggcact acggtggcta ctggacggtt cgacccctgg 120

ggccaggga 129

<210> 8976
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8976

His Thr Ser Thr Thr Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser
1 5 10 15

Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Gly Gly Thr Thr Val
20 25 30

Ala Thr Gly Arg Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 8977
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8977
gacacatcca cgaccacagc ctacatggag ctgaggagcc tgagatctga cgacacggcc 60

gtctactact gtgcgagaga gggtggcact acggtggcta ctggacggtt cgacccctgg 120

ggccaggga 129

<210> 8978
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8978

Asp Thr Ser Thr Thr Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser
1 5 10 15

Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Gly Gly Thr Thr Val
20 25 30

Ala Thr Gly Arg Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 8979
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8979

Cys Ala Arg Glu Lys Tyr Gly Asp Glu Ile Asp Tyr Trp
1 5 10

<210> 8980
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8980

accatgacct gggacacgtc cacgagcaca gtctacttgg agctgagcag cctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga gagaaatacg gtgacgagat tgactactgg 120

ggccaggga 129

<210> 8981
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8981

Thr Met Thr Trp Asp Thr Ser Thr Ser Thr Val Tyr Leu Glu Leu Ser
1 5 10 15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Lys
20 25 30

Tyr Gly Asp Glu Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 8982
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8982
accatgacca gggacacgtc cacgagcaca gtctacatgg agctgagcag cctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga gagaaatacg gtgacgagat tgactactgg 120

ggccaggga 129

<210> 8983
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8983

Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr Met Glu Leu Ser
1   5   10   15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Lys
            20   25   30

Tyr Gly Asp Glu Ile Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8984
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8984

Cys Ala Arg Gly Arg Asn Ser Gly Ser Tyr Tyr Pro Trp
1   5   10

<210> 8985
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8985
accatgacca ggaacacctc cataagcaca gcctacatgg agctgagcag cctgagatct   60

gaggacacgg ccgtgtatta ctgtgcgaga ggacgaaata gtgggagcta ctacccttgg   120

ggccaggga   129

<210> 8986
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8986

Thr Met Thr Arg Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser
1   5   10   15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg
            20   25   30

Asn Ser Gly Ser Tyr Tyr Pro Trp Gly Gln Gly
        35   40

<210> 8987
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8987
accatgacca gcaacacctc cataagcaca gcctacatgg agctgagcag cctgagatct   60

gaggacacgg ccgtgtatta ctgtgcgaga ggacgaaata gtgggagcta ctacccttgg   120

ggccaggga   129

<210> 8988
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8988

Thr Met Thr Ser Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser
1   5   10   15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg

20 25 30

Asn Ser Gly Ser Tyr Tyr Pro Trp Gly Gln Gly
35 40

<210> 8989
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8989

Cys Ala His Ser Arg Asp Ser Ser Ser Trp Tyr Val Asp Tyr Trp
1 5 10 15

<210> 8990
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8990
accaaggaca cctccaaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacat attactgtgc acacagtagg gatagcagca gctggtatgt tgactactgg 120

ggccaggga 129

<210> 8991
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8991

Thr Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala His Ser Arg Asp Ser
            20   25   30

Ser Ser Trp Tyr Val Asp Tyr Trp Gly Gln Gly
        35   40

<210> 8992
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8992
accaaggaca cctccaaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacat attactgtgc acacagtagg gacagcagca gctggtatgt tgactactgg 120

ggccaggga 129

<210> 8993
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8993

Cys Ala Arg Ile Pro Asp Tyr Gly Ser Gly Ser Lys Asn Tyr Trp
1   5   10   15

<210> 8994
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8994
tccagagata attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaggataccc gactatggtt cggggagtaa gaactactgg 120

ggccaggga 129

<210> 8995
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8995

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ile Pro Asp Tyr
20 25 30

Gly Ser Gly Ser Lys Asn Tyr Trp Gly Gln Gly
35 40

<210> 8996
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8996
tacagagata attccaagaa cacgctgtat ctgaaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaggataccc gactatggtt cggggagtaa gaactactgg 120

ggccaggga 129

<210> 8997
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8997

Tyr Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Lys Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ile Pro Asp Tyr
20 25 30

Gly Ser Gly Ser Lys Asn Tyr Trp Gly Gln Gly
35 40

<210> 8998
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8998

Cys Met His Asp Phe Trp Asn Gly Met Val Gly Phe Asp Phe Trp
1 5 10 15

<210> 8999
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 8999
tccagagatg attcaaaggg tacggcgtat ctgcaaatga acagtctgaa aagcgaggac 60

acggccgtgt attattgtat gcacgatttt tggaatggta tggttggatt tgacttctgg 120

ggccaggga 129

<210> 9000
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9000

Ser Arg Asp Asp Ser Lys Gly Thr Ala Tyr Leu Gln Met Asn Ser Leu
1   5   10   15

Lys Ser Glu Asp Thr Ala Val Tyr Tyr Cys Met His Asp Phe Trp Asn
            20   25   30

Gly Met Val Gly Phe Asp Phe Trp Gly Gln Gly
        35   40

<210> 9001
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9001
tccagagatg attcaaaggg tacggcgtat ctgaaaatga acagtctcaa aagcgaggac   60

acggccgtgt attattgtat gcacgatttt tggaatggta tggttggatt tgacttctgg   120

ggccaggga   129

<210> 9002
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9002

Ser Arg Asp Asp Ser Lys Gly Thr Ala Tyr Leu Lys Met Asn Ser Leu
1   5   10   15

Lys Ser Glu Asp Thr Ala Val Tyr Tyr Cys Met His Asp Phe Trp Asn
            20   25   30

Gly Met Val Gly Phe Asp Phe Trp Gly Gln Gly
        35   40

<210> 9003
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9003

Cys Ala Arg Gly Gln Ser Val Ala Gly Gly Phe Asp Tyr Trp
1   5   10

<210> 9004
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9004
atctccatag aaaatgccaa gaactccttg tatcttcaaa tgaacagcct gagagccggt   60

gacacggctg tgtattactg tgcaagaggt caaagcgtgg ctggcggttt tgactactgg   120

ggccaggga   129

<210> 9005
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9005

Ile Ser Ile Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1   5   10   15

Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gln Ser

```
            20                  25                  30

Val Ala Gly Gly Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  9006
<211>  129
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  9006
atctccagag aaaatgccaa gaactccttg tatcttcaaa tgaacagcct gagagccggg       60

gacacggctg tgtattactg tgcaagaggt caaagcgtgg ctggcggttt tgactactgg      120

ggccaggga                                                              129


<210>  9007
<211>  43
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Description of Artificial Sequence: Synthetic antibody

<400>  9007

Ile Ser Arg Glu Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1               5                   10                  15


Leu Arg Ala Gly Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gln Ser
            20                  25                  30


Val Ala Gly Gly Phe Asp Tyr Trp Gly Gln Gly
        35                  40


<210>  9008
<211>  21
<212>  PRT
<213>  Artificial Sequence
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<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9008

Cys Ala Arg Glu Gly Gly Tyr Gly Ser Gly Ser Phe His Tyr Tyr Tyr
1   5   10   15

Gly Met Asp Val Trp
            20

<210> 9009
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9009
tgcacagtct acttggagct gagcagcctg agatctgagg acacggccgt gtattactgt   60

gcgagagagg gaggctatgg ttcggggagt tttcactact actacggtat ggacgtctgg   120

ggccaaggg   129

<210> 9010
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9010

Cys Thr Val Tyr Leu Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg Glu Gly Gly Tyr Gly Ser Gly Ser Phe His
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 9011
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9011
agcacagtct acatggagct gagcagcctg agatctgagg acacggccgt gtattactgt 60

gcgagagagg gaggctatgg ttcggggagt tttcactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 9012
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9012

Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg Glu Gly Gly Tyr Gly Ser Gly Ser Phe His
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 9013
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9013

Cys Ala Lys Gly Gly Gly Tyr Asp Ile Leu Thr Gly Tyr Leu Gly Gly

1 5 10 15

Met Asp Val Trp
20

<210> 9014
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9014
aaggactccc tgtatctgca aatgaacagt ctgagagctg aggacacggc cttgtattac 60

tgtgcaaaag gagggggtta cgatattttg actggttacc ttgggggtat ggacgtctgg 120

ggccaaggg 129

<210> 9015
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9015

Lys Asp Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Leu Tyr Tyr Cys Ala Lys Gly Gly Gly Tyr Asp Ile Leu Thr Gly
20 25 30

Tyr Leu Gly Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 9016
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9016
aagaactccc tgtatctgca aatgaacagt ctgagagctg aggacacggc cttgtattac 60

tgtgcaaaag gagggggtta cgatattttg actggttacc ttgggggtat ggacgtctgg 120

ggccaaggg 129

<210> 9017
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9017

Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1   5   10   15

Ala Leu Tyr Tyr Cys Ala Lys Gly Gly Gly Tyr Asp Ile Leu Thr Gly
            20   25   30

Tyr Leu Gly Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 9018
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9018

Cys Thr Arg Gly Tyr Ser Ser Gly Trp Ser Pro Arg Tyr Tyr Tyr Tyr
1   5   10   15

Gly Met Asp Val Trp
            20

<210> 9019
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9019
aacacggcgt atctgcaaat gaacagcctg aaaaccgagg acacggccgt gtattactgt 60

actaggggt atagcagtgg ctggtcacca cgttactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 9020
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9020

Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Thr Arg Gly Tyr Ser Ser Gly Trp Ser Pro Arg Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 9021
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9021
tacacggcgt atctgcaaat gaacagcctg aaaaccgagg acacggccgt gtattactgt 60

actaggggt atagcagtgg ctggtcacca cgttactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 9022
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9022

Tyr Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Thr Arg Gly Tyr Ser Ser Gly Trp Ser Pro Arg Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 9023
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9023

Cys Ala Arg His Ser Asp Pro Ala Val Ala Gly Arg Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val Trp
20

<210> 9024
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9024
aaccagttct ccctgaagct gggctctgtg accgccgcag acacggctgt gtattactgt 60

gcgagacatt cggacccagc agtggctggt cgctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 9025
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9025

Asn Gln Phe Ser Leu Lys Leu Gly Ser Val Thr Ala Ala Asp Thr Ala
1   5   10   15

Val Tyr Tyr Cys Ala Arg His Ser Asp Pro Ala Val Ala Gly Arg Tyr
            20   25   30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
        35   40

<210> 9026
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9026
aaccagttct ccctgaagct gagctctgtg accgccgcag acacggctgt gtattactgt 60

gcgagacatt cggacccagc agtggctggt cgctactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 9027

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9027

Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala
1 5 10 15

Val Tyr Tyr Cys Ala Arg His Ser Asp Pro Ala Val Ala Gly Arg Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 9028
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9028

Cys Ala Arg Gly Pro Val Gly Ala Thr Thr Ala Ala Arg Asp Tyr Trp
1 5 10 15

<210> 9029
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9029
tgcaacacct ccataagcac agcctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag aggtccagtg ggagctacta cagccgcgcg ggactactgg 120

ggccaggga 129

<210> 9030
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9030

Cys Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Pro Val Gly Ala
20 25 30

Thr Thr Ala Ala Arg Asp Tyr Trp Gly Gln Gly
35 40

<210> 9031
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9031
aggaacacct ccataagcac agcctacatg gagctgagca gcctgagatc tgaggacacg 60

gccgtgtatt actgtgcgag aggtccagtg ggagctacta cagccgcgcg ggactactgg 120

ggccaggga 129

<210> 9032
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9032

Arg Asn Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg

1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Pro Val Gly Ala
20 25 30

Thr Thr Ala Ala Arg Asp Tyr Trp Gly Gln Gly
35 40

<210> 9033
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9033

Cys Gly Arg Glu Gly Gln Glu Asp Gly Asp Tyr Gly Thr His Ile Asp
1 5 10 15

Ser Trp

<210> 9034
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9034
acgtccaata atcaattctc ccttaaactg ggctctgtga ccgaggcgga cacggccgtc 60

tactattgtg ggagagaagg gcaggaagac ggtgactacg ggacacacat tgactcctgg 120

ggccaggga 129

<210> 9035
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9035

Thr Ser Asn Asn Gln Phe Ser Leu Lys Leu Gly Ser Val Thr Glu Ala
1   5   10   15

Asp Thr Ala Val Tyr Tyr Cys Gly Arg Glu Gly Gln Glu Asp Gly Asp
            20   25   30

Tyr Gly Thr His Ile Asp Ser Trp Gly Gln Gly
        35   40

<210> 9036
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9036
acgtccaata atcaattctc ccttaaactg ggctctgtga ccgaagcgga cacggccgtc   60

tactattgtg ggagagaagg gcaggaagac ggtgactacg ggacacacat tgactcctgg   120

ggccaggga   129

<210> 9037
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9037

Cys Ala Arg Asp Gln Thr Val Val Thr Gly Asp Tyr Tyr Tyr Tyr Gly
1   5   10   15

Met Asp Val Trp
            20

<210> 9038
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9038
aagaacacgc tgtatctgca aatgaacagt ctgagagccg aggacacggc tgtgtattac 60

tgtgcaagag atcaaacggt ggtaaccggg gattactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 9039
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9039

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Val Tyr Tyr Cys Ala Arg Asp Gln Thr Val Val Thr Gly Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 9040
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9040
aagaacacgc tgtatctgca aatgaacagt ctgagagccg aggacacggc tgtgcattac 60

tgtgcaagag atcaaacggt ggtaaccggg gattactact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 9041
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9041

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
1 5 10 15

Ala Val His Tyr Cys Ala Arg Asp Gln Thr Val Val Thr Gly Asp Tyr
20 25 30

Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 9042
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9042

Cys Ala Arg Asp Arg Pro Asn Cys Leu Ser Cys Leu Asp Tyr Trp
1 5 10 15

<210> 9043
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9043

tacccagaca catccaagaa ccagttctcc ctgcagctga actctgtgac tcccgaggac 60

tctgctgtgt attactgtgc aagagaccgt cctaactgcc taagttgttt agactactgg 120

ggccaggga 129

<210> 9044
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9044

Tyr Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser Val
1 5 10 15

Thr Pro Glu Asp Ser Ala Val Tyr Tyr Cys Ala Arg Asp Arg Pro Asn
20 25 30

Cys Leu Ser Cys Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 9045
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9045
aacccagaca catccaagaa ccagttctcc ctgcagctga actctgtgac tcccgaggac 60

tcggctgtgt attactgtgc aagagaccgt cctaactgcc taagttgttt agactactgg 120

ggccaggga 129

<210> 9046
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9046

Asn Pro Asp Thr Ser Lys Asn Gln Phe Ser Leu Gln Leu Asn Ser Val
1   5   10   15

Thr Pro Glu Asp Ser Ala Val Tyr Tyr Cys Ala Arg Asp Arg Pro Asn
            20   25   30

Cys Leu Ser Cys Leu Asp Tyr Trp Gly Gln Gly
        35   40

<210> 9047
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9047

Cys Ala Arg Ala Glu Gln Trp Leu Val Leu Gly Ile Leu Asp Phe Asp
1   5   10   15

Tyr Trp

<210> 9048
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9048
tcatccacga gcacagccta catggagctg aggagcctga gatctgacga cacggccgtg   60

tattactgtg cgagagccga gcagtggctg gtactcggga tcctggactt tgactactgg   120

ggccaggga   129

<210> 9049
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9049

Ser Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Glu Gln Trp Leu Val Leu
20 25 30

Gly Ile Leu Asp Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 9050
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9050
acatccacga gcacagccta catggagctg aggagcctga gatctgacga cacggccgtg 60

tattactgtg cgagagccga gcagtggctg gtactcggga tcctggactt tgactactgg 120

ggccaggga 129

<210> 9051
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9051

Thr Ser Thr Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Arg Ser Asp

1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ala Glu Gln Trp Leu Val Leu
20 25 30

Gly Ile Leu Asp Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 9052
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9052

Cys Thr Arg His Leu Trp Asp Ser Ser Gly Tyr Tyr Tyr Tyr Tyr Phe
1 5 10 15

Asp Tyr Trp

<210> 9053
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9053
tcaaagaaca cggcgtatct gcaaatgaac agcctgaaaa ccgaggacac ggccgtgtat 60

tactgtacta gacatctctg ggatagtagt ggttattact actactactt tgactactgg 120

ggccaggga 129

<210> 9054
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9054

Ser Lys Asn Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Thr Arg His Leu Trp Asp Ser Ser Gly Tyr
            20   25   30

Tyr Tyr Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 9055
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9055
caaagaacca cggcgtatct gcaaatgaac agcctgaaaa ccgaggacac ggccgtgtat   60

tactgtacta gacatctctg ggatagtagt ggttattact actactactt tgactactgg   120

ggccaggga   129

<210> 9056
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9056

Gln Arg Thr Thr Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp
1   5   10   15

Thr Ala Val Tyr Tyr Cys Thr Arg His Leu Trp Asp Ser Ser Gly Tyr
            20   25   30

Tyr Tyr Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 9057
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9057

Cys Ala Arg Thr Gly Ser Gly Arg Ser Asp Trp Phe Asp Pro Trp
1   5   10   15

<210> 9058
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9058
ctccaaggac acctccaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac   60

acagccacgt attactgtgc acggacaggt tcggggaggt cagactggtt cgacccctgg   120

ggccaggga   129

<210> 9059
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9059

Leu Gln Gly His Leu Gln Asn Gln Val Val Leu Thr Met Thr Asn Met
1   5   10   15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Thr Gly Ser Gly

20 25 30

Arg Ser Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 9060
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9060
tccaaggaca cctccaaaaa ccaggtggtc cttacaatga ccaacatgga ccctgtggac 60

acagccacgt attactgtgc acggacaggt tcggggaggt cagactggtt cgacccctgg 120

ggccaggga 129

<210> 9061
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9061

Ser Lys Asp Thr Ser Lys Asn Gln Val Val Leu Thr Met Thr Asn Met
1 5 10 15

Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Thr Gly Ser Gly
20 25 30

Arg Ser Asp Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 9062
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9062

Cys Ala Lys Asp Ser Gly Asp Asp Tyr Ser Asn Tyr Trp
1   5   10

<210> 9063
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9063
accatctcca gagacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc   60

gaggacacgg ccgtatatta ctgtgcgaaa gattccgggg atgactacag taactactgg   120

ggccaggga   129

<210> 9064
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9064

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Ser
            20   25   30

Gly Asp Asp Tyr Ser Asn Tyr Trp Gly Gln Gly
        35   40

<210> 9065
<211> 129
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9065
accatctcca gagacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 60

gaggacacgg ccgtatatta ctgtgcgaaa gattccgggg atgactacag taactactgg 120

agccaggga 129

<210> 9066
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9066

Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn
1 5 10 15

Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Ser
20 25 30

Gly Asp Asp Tyr Ser Asn Tyr Trp Ser Gln Gly
35 40

<210> 9067
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9067

Cys Ala Lys Gly Gly Val Glu Ser Gly Asp Phe Trp
1 5 10

<210> 9068

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9068
ttcaccatct ccagatataa ttccaagaat atggtgtttc tgcaagtgaa cagcctgaga 60

gtcgaggaca cggccatata ttactgtgcg aaaggggggg tcgagagcgg agacttctgg 120

ggccaggga 129

<210> 9069
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9069

Phe Thr Ile Ser Arg Tyr Asn Ser Lys Asn Met Val Phe Leu Gln Val
1 5 10 15

Asn Ser Leu Arg Val Glu Asp Thr Ala Ile Tyr Tyr Cys Ala Lys Gly
20 25 30

Gly Val Glu Ser Gly Asp Phe Trp Gly Gln Gly
35 40

<210> 9070
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9070
ttcaccatct ccagagataa ttccaagaat atggtgtttc tgcaagtgaa cagcctgaga 60

gtcgaggaca cggccatata ttactgtgcg aaaggggggg tcgagagcgg agacttctgg 120

ggccaggga 129

<210> 9071
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9071

Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Met Val Phe Leu Gln Val
1 5 10 15

Asn Ser Leu Arg Val Glu Asp Thr Ala Ile Tyr Tyr Cys Ala Lys Gly
20 25 30

Gly Val Glu Ser Gly Asp Phe Trp Gly Gln Gly
35 40

<210> 9072
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9072

Cys Ala Lys Gln Tyr Ser Ser Gly Ser Thr Tyr Tyr Phe Asp Tyr Trp
1 5 10 15

<210> 9073
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9073
agagagaaat ccaagaccac gctgtatctg caaatgaaca gcctgagggt cgacgacacg 60

gccgtatatt actgtgcgaa gcagtatagc agcggctcca catattactt tgactactgg 120

ggccaggga 129

<210> 9074
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9074

Arg Glu Lys Ser Lys Thr Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1 5 10 15

Val Asp Asp Thr Ala Val Tyr Tyr Cys Ala Lys Gln Tyr Ser Ser Gly
20 25 30

Ser Thr Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 9075
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9075
agagagaaat ccaagaccac gctgtatctg caaatgaaca gcctgagagt cgacgacacg 60

gccgtatatt actgtgcgaa gcagtatagc agcggctcca catattactt tgactactgg 120

ggccaggga 129

<210> 9076
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9076

Cys Ala Arg Met Leu Pro Pro Met Ser Leu Gly Tyr Tyr Gly Met Asp
1 5 10 15

Val Trp

<210> 9077
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9077
aattccaaga acacgctgta tctgcaaatg aacagtctga gagccgagga cacggctgtg 60

tattactgtg caaggatgct acccccaatg agtctgggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 9078
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9078

Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Met Leu Pro Pro Met Ser Leu
20 25 30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 9079

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9079
aacgccaaga acacgctgta tctgcaaatg aacagtctga gagccgagga cacggctgtg 60

tattactgtg caaggatgct acccccaatg agtctgggct actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 9080
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9080

Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
1 5 10 15

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Met Leu Pro Pro Met Ser Leu
20 25 30

Gly Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 9081
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9081

Cys Ala Lys Pro Tyr Asp Ser Asn Leu Gly Tyr Phe Gln His Trp
1 5 10 15

<210> 9082
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9082
tccagagaca attccaagaa cacgctgtat ctgcaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaaccgtat gacagtaact tagggtactt ccagcactgg 120

ggccagggc 129

<210> 9083
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9083

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu
1 5 10 15

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Pro Tyr Asp Ser
20 25 30

Asn Leu Gly Tyr Phe Gln His Trp Gly Gln Gly
35 40

<210> 9084
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9084
tccagagaca attccaagaa cacgctgtat ctacaaatga acagcctgag agccgaggac 60

acggccgtat attactgtgc gaaaccgtat gacagtaact tagggtactt ccagcactgg 120

ggccagggc 129

<210> 9085
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9085

Cys Ala Arg Asp Leu Ala Leu Tyr Asp Ile Leu Thr Ala Arg Gly Ala
1 5 10 15

Glu Tyr Phe Gln His Trp
20

<210> 9086
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9086
tcactgtatc tgcaaatgaa cagcctgaga gacgaggaca cggctgtgta ttactgtgcg 60

agagatctcg ccctatacga tattttgacg gccaggggg ctgaatactt ccagcactgg 120

ggccagggc 129

<210> 9087
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9087

Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Asp Glu Asp Thr Ala Val

1 5 10 15

Tyr Tyr Cys Ala Arg Asp Leu Ala Leu Tyr Asp Ile Leu Thr Ala Arg
20 25 30

Gly Ala Glu Tyr Phe Gln His Trp Gly Gln Gly
35 40

<210> 9088
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9088
tcaatgtatc tgcaaatgaa cagcctgaga gacgaggaca cggctgtgta ttactgtgcg 60

agagatctcg ccctatacga tattttgacg gccaggggg ctgaatactt ccagcactgg 120

ggccagggc 129

<210> 9089
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9089

Ser Met Tyr Leu Gln Met Asn Ser Leu Arg Asp Glu Asp Thr Ala Val
1 5 10 15

Tyr Tyr Cys Ala Arg Asp Leu Ala Leu Tyr Asp Ile Leu Thr Ala Arg
20 25 30

Gly Ala Glu Tyr Phe Gln His Trp Gly Gln Gly
35 40

<210> 9090

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9090

Cys Ala His Ser Leu Val Asp Ile Val Ala Thr Thr Pro Ser Tyr Trp
1 5 10 15

Tyr Phe Asp Leu Trp
20

<210> 9091
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9091
ttccaggtgg tccttacaat gaccaacatg gaccctgtgg acacagccac atattactgt 60

gctcactccc tcgtggatat agtggctacg acaccaagct actggtactt cgatctctgg 120

ggccgtggc 129

<210> 9092
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9092

Phe Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp Thr Ala
1 5 10 15

Thr Tyr Tyr Cys Ala His Ser Leu Val Asp Ile Val Ala Thr Thr Pro
20 25 30

Ser Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 9093
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9093
aaccaggtgg tccttacaat gaccaacatg gaccctgtgg acacagccac atattactgt 60

gctcactccc tcgtggatat agtggctacg acaccaagct actggtactt cgatctctgg 120

ggccgtggc 129

<210> 9094
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9094

Asn Gln Val Val Leu Thr Met Thr Asn Met Asp Pro Val Asp Thr Ala
1   5   10   15

Thr Tyr Tyr Cys Ala His Ser Leu Val Asp Ile Val Ala Thr Thr Pro
            20   25   30

Ser Tyr Trp Tyr Phe Asp Leu Trp Gly Arg Gly
        35   40

<210> 9095
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9095

Cys Ala Lys Asp Trp Ser Tyr Cys Ser Ser Thr Ser Cys Tyr Phe Tyr
1 5 10 15

Ser Val Gly Trp Phe Asp Pro Trp
20

<210> 9096
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9096
tttctgaaaa tgaacagcct gagagccgag gacacggccg tatattactg tgcgaaagat 60

tggtcgtatt gtagtagtac cagctgctat ttttactcgg ttggctggtt cgacccctgg 120

ggccaggga 129

<210> 9097
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9097

Phe Leu Lys Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Lys Asp Trp Ser Tyr Cys Ser Ser Thr Ser Cys Tyr Phe Tyr
20 25 30

Ser Val Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 9098

<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9098
tatctgcaaa tgaacagcct gagagccgag gacacggccg tatattactg tgcgaaagat 60

tggtcgtatt gtagtagtac cagctgctat ttttactcgg ttggctggtt cgacccctgg 120

ggccaggga 129

<210> 9099
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9099

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
1 5 10 15

Cys Ala Lys Asp Trp Ser Tyr Cys Ser Ser Thr Ser Cys Tyr Phe Tyr
20 25 30

Ser Val Gly Trp Phe Asp Pro Trp Gly Gln Gly
35 40

<210> 9100
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9100

Cys Ala Arg Gly His Gly Ser Gly Leu Leu Gly Tyr Tyr Tyr Tyr Gly
1 5 10 15

Leu Asp Val Trp
            20

<210> 9101
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9101
aataacacgc tttatctaca aatgagcagt ctgagagctg aggacacggc tgtatattac   60

tgtgcccgag gccatggttc gggattattg ggctactact actacggtct ggacgtctgg   120

ggccagggg   129

<210> 9102
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9102

Asn Asn Thr Leu Tyr Leu Gln Met Ser Ser Leu Arg Ala Glu Asp Thr
1   5   10   15

Ala Val Tyr Tyr Cys Ala Arg Gly His Gly Ser Gly Leu Leu Gly Tyr
            20   25   30

Tyr Tyr Tyr Gly Leu Asp Val Trp Gly Gln Gly
        35   40

<210> 9103
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9103
aataacacgc tgtatctaca aatgagcagt ctgagagctg aggacacggc tgtatattac 60

tgtgcccgag gccatggttc gggattattg ggctactact actacggtct ggacgtctgg 120

ggccagggg 129

<210> 9104
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9104

Cys Ala Arg Pro Asp Asp Tyr Tyr Gly Met Asp Val Trp
1 5 10

<210> 9105
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9105
acgattaccg cggacaaatc cacgagcaca gcctacatgg agctgagcag cctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga ccagacgact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 9106
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9106

Thr Ile Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser

1 5 10 15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Pro Asp
20 25 30

Asp Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 9107
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9107
acgattaccg cgcacaaatc cacgagcaca gcctacatgg agctgagcag cctgagatct 60

gaggacacgg ccgtgtatta ctgtgcgaga ccagacgact actacggtat ggacgtctgg 120

ggccaaggg 129

<210> 9108
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9108

Thr Ile Thr Ala His Lys Ser Thr Ser Thr Ala Tyr Met Glu Leu Ser
1 5 10 15

Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Pro Asp
20 25 30

Asp Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
35 40

<210> 9109

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

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9109

Cys Ala Arg His Glu Gly Thr Asp Ile Val Val Val Pro Ala Ala Leu
1 5 10 15

Asp Tyr Trp

<210> 9110
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9110
tccaggaacc agttctccct gaagctgagc tctgtgaccg ccgcagacac ggctgtgtat 60

tactgtgcga gacatgaggg gaccgatatt gtagtagtac cagctgccct tgactactgg 120

ggccaggga 129

<210> 9111
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9111

Ser Arg Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg His Glu Gly Thr Asp Ile Val Val
20 25 30

Val Pro Ala Ala Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 9112
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9112
tccaagaacc agttctccct gaagctgagc tctgtgaccg ccgcagacac ggctgtgtat 60

tactgtgcga gacatgaggg gaccgatatt gtagtagtac cagctgccct tgactactgg 120

ggccaggga 129

<210> 9113
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9113

Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp
1 5 10 15

Thr Ala Val Tyr Tyr Cys Ala Arg His Glu Gly Thr Asp Ile Val Val
20 25 30

Val Pro Ala Ala Leu Asp Tyr Trp Gly Gln Gly
35 40

<210> 9114
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9114

Cys Ala Arg Ser Leu Asn Ser Tyr Ser Phe Glu Gln Phe Asp His Trp
1 5 10 15

<210> 9115
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9115
tgggacacat ccgcgagcac agcctacatg gaattgagaa gcctcggatc tgaagacacg 60

gctgtgtatt tctgtgctcg atctctgaat agttatagtt ttgaacagtt cgaccactgg 120

ggccaggga 129

<210> 9116
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9116

Trp Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Gly
1 5 10 15

Ser Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Ser Leu Asn Ser Tyr
20 25 30

Ser Phe Glu Gln Phe Asp His Trp Gly Gln Gly
35 40

<210> 9117
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9117
agggacacat ccgcgagcac agcctacatg gaattgagaa gcctcggatc tgaagacacg 60

gctgtgtatt tctgtgctcg atctctgaat agttatagtt ttgaacagtt cgaccactgg 120

ggccaggga 129

<210> 9118
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9118

Arg Asp Thr Ser Ala Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu Gly
1   5   10   15

Ser Glu Asp Thr Ala Val Tyr Phe Cys Ala Arg Ser Leu Asn Ser Tyr
            20   25   30

Ser Phe Glu Gln Phe Asp His Trp Gly Gln Gly
        35   40

<210> 9119
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9119

Cys Ala Lys Asp Arg Gly Gly Gly Ser Tyr Tyr Gly Thr Phe Asp Tyr
1   5   10   15

Trp

<210> 9120
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9120
gataattcca agaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga tcgcgggggt gggagctact acgggacctt tgactactgg 120

ggccaggga 129

<210> 9121
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9121

Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Gly Gly Gly Ser
20 25 30

Tyr Tyr Gly Thr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 9122
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9122
gataattcca acaacacgct gtatctgcaa atgaacagcc tgagagccga ggacacggcc 60

gtatattact gtgcgaaaga tcgcgggggt gggagctact acgggacctt tgactactgg 120

ggccaggga 129

<210> 9123
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9123

Asp Asn Ser Asn Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
1 5 10 15

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Asp Arg Gly Gly Gly Ser
20 25 30

Tyr Tyr Gly Thr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 9124
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9124

Cys Ala Arg Gly Asn Trp Gly Phe Gly Gly Tyr Phe Asp Tyr Trp
1 5 10 15

<210> 9125
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9125

tcagtagaca cgtctaagaa ccagttctcc ctgaagctga gctctgtgac tgccgcggac 60

acggccgtgt attactgtgc gagaggaaac tggggattcg gggggtactt tgactactgg 120

ggccaggga 129

<210> 9126
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9126

Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val
1 5 10 15

Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asn Trp Gly
20 25 30

Phe Gly Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 9127
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9127
tcagtagaca cgtcaaacaa ccagttctcc ctgaagctga gctctgtgac tgccgcggac 60

acggccgtgt attactgtgc gagaggaaac tggggattcg gggggtactt tgactactgg 120

ggccaggga 129

<210> 9128
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9128

Ser Val Asp Thr Ser Asn Asn Gln Phe Ser Leu Lys Leu Ser Ser Val
1   5   10   15

Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Asn Trp Gly
            20   25   30

Phe Gly Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 9129
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9129

Cys Ala Lys Val Asp Ser Ser Gly Tyr Tyr Tyr Tyr Phe Asp Tyr Trp
1   5   10   15

<210> 9130
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9130
ttagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg   60

gccgtatatt actgtgcgaa agtggatagt agtggttatt actactactt tgactactgg   120

ggccaggga   129

<210> 9131
<211> 43
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9131

Leu Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Asp Ser Ser Gly
            20   25   30

Tyr Tyr Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
        35   40

<210> 9132
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9132
agagataatt ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg   60

gccgtatatt actgtgcgaa agtggatagt agtggttatt actactactt tgactactgg   120

ggccaggga   129

<210> 9133
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9133

Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg
1   5   10   15

Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Val Asp Ser Ser Gly

20 25 30

Tyr Tyr Tyr Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 9134
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9134

Cys Ala Arg Gly Gly Asn Pro Glu His Asp Ala Phe Asp Ile Trp
1 5 10 15

<210> 9135
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9135
tccgttgaca ggtccaagaa ccagttctcc ctgaagctga gctctgtgac cgccgcggac 60

acggccgtgt attactgtgc cagaggggggg aaccccgagc atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 9136
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9136

Ser Val Asp Arg Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val
1 5 10 15

Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Gly Gly Asn Pro
            20   25   30

Glu His Asp Ala Phe Asp Ile Trp Gly Gln Gly
        35   40

<210> 9137
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9137
tcagtagaca ggtccaagaa ccagttctcc ctgaagctga gctctgtgac cgccgcggac 60

acggccgtgt attactgtgc cagaggggggg aaccccgagc atgatgcttt tgatatctgg 120

ggccaaggg 129

<210> 9138
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9138

Cys Val Lys Glu Lys Thr Gly Thr Ala Tyr Phe Asp Tyr Trp
1   5   10

<210> 9139
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9139
atctccagag acaacgccaa gaactccctg tatctgcaaa tgaacagtct gagagtggag 60

gacacggcct tgtattactg tgtaaaagaa aagactggga ccgcctattt tgactactgg 120

ggccaggga 129

<210> 9140
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9140

Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Val Glu Asp Thr Ala Leu Tyr Tyr Cys Val Lys Glu Lys Thr
20 25 30

Gly Thr Ala Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 9141
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9141
atctccagag acaacgccaa gaacccctg tatctacaaa tgaacagtct gagagtggag 60

gacacggcct tgtattactg tgtaaaagaa aagactggga ccgcctattt tgactactgg 120

ggccaggga 129

<210> 9142
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9142

Ile Ser Arg Asp Asn Ala Lys Asn Pro Leu Tyr Leu Gln Met Asn Ser
1 5 10 15

Leu Arg Val Glu Asp Thr Ala Leu Tyr Tyr Cys Val Lys Glu Lys Thr
20 25 30

Gly Thr Ala Tyr Phe Asp Tyr Trp Gly Gln Gly
35 40

<210> 9143
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9143

Cys Ala Lys Ser Pro Asp Thr Ala Met Ile Asp Tyr Trp
1 5 10

<210> 9144
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9144
caccatctcc agagacaaca gcaaaactcc ctgtatctgc aaatgaacag tctgagagct 60

gaggacaccg ccttgtatta ctgtgcaaaa tccccggata cagctatgat tgactactgg 120

ggccaggga 129

<210> 9145
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9145

His His Leu Gln Arg Gln Gln Gln Asn Ser Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Ser Pro
            20   25   30

Asp Thr Ala Met Ile Asp Tyr Trp Gly Gln Gly
        35   40

<210> 9146
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9146
accatctcca gagacaacag caaaaactcc ctgtatctgc aaatgaacag tctgagagct   60

gaggacaccg ccttgtatta ctgtgcaaaa tccccggata cagctatgat tgactactgg   120

ggccaggga   129

<210> 9147
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9147

Thr Ile Ser Arg Asp Asn Ser Lys Asn Ser Leu Tyr Leu Gln Met Asn
1   5   10   15

Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys Ala Lys Ser Pro
            20   25   30

Asp Thr Ala Met Ile Asp Tyr Trp Gly Gln Gly
35 40

<210> 9148
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9148

Cys Ala Arg His Pro Trp Gln Gln Leu Ser Tyr Trp
1 5 10

<210> 9149
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9149
gtcaccatat ccgtagacac gtccaagaat cagttctccc tgaagctgag ctctgtgacc 60

gccgcagaca cggctgtgta ttactgtgcg agacatccct ggcagcagct gtcctactgg 120

ggccaggga 129

<210> 9150
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9150

Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu
1 5 10 15

Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg His

20 25 30

Pro Trp Gln Gln Leu Ser Tyr Trp Gly Gln Gly
35 40

<210> 9151
<211> 129
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antibody

<400> 9151
gtcaccatat ccgtagacac gtccaagaat cagttctccc tgaagctgag ctctgtgacc 60

gccgcagaca cggctgtgta ttactgcgcg agacatccct ggcagcagct gtcctactgg 120

ggccaggga 129

<210> 9152
<211> 354
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9152
caggtgcagc tggtgcaatc tgggtctgag ttgcagaagc ctggggcctc agtgaaggtt 60

tcctgtaagg cttctggaaa caccttccct acttatgata tgaattgggt gcgacaggcc 120

cctggacaag ggcttgagtg gatgggatgg atcaacacca acactgggag cccaacgtat 180

gcccagggct taccaggacg gtttgtcttc tccttggaca catctgtcag cacggcatat 240

ctggagatca gcagcctaaa ggctgaggac actgccgtgt attactgtgc gagagagggg 300

tatcactacg gtatggacgt ctggggccaa gggaccacgg tcaccgtctc ctca 354

<210> 9153
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9153
gacatccaga tgacccagtc tccatcctca ctgtctgcct ctgtaggaga cagagtcacc 60

atcacttgtc gggcgagtca ggacattaac aattatttag cctggtttca gcagaaacca 120

ggtaaagccc ctaagtccct gatctattct gcgtccagtt tgcaaagtgg ggtcccatcg 180

aggttcagcg gcagtggatc tgggacagat ttcactctca ccatcagcag cctgcagcct 240

gaagattttg caacttatta ttgccaacag tatcgtagtt accctcggac ttttggccag 300

gggaccaagc tggagatcaa ac 322

<210> 9154
<211> 358
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9154
caggcacacc tggtgcagtc tggggctgag gtgaagaagc ctgggtcctc ggtgaaggtc 60

tcctgcaagg cttctggagg caccttcaac agtcatgcca tcggctgggt gcgacaggcc 120

cctggacaag gccttgagtg gatgggaagg atcgtcccta tccggaagac cacaacttac 180

gcaccgcagt tacagggcag actcacgctg accgcggaca catccacgag cacactgtac 240

atggaactga gtagcctgcg atccgaggac tcggcccggt attactgtgc gagagtcatt 300

ctgtctggga ggggctttga catctggggc cagggatccc tggtcgccgt ctcctcag 358

<210> 9155
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9155
tcctatgagc tgacacagcc accctcagtg tcagtgtccc caggacagac ggccaggatc 60

atctgctctg gagatgcatt gccaaagcaa aatgcttatt ggtaccagaa gaagccaggc 120

caggcccctg tgttggtgat atttaaagac agtgagaggc cctcaggcat ccctcagcga 180

ttctctggct ccagctcggg gacaacagtc acgttgacca tcagtggagt ccaggcagaa 240

gacgaggctg actattactg tcaatcagca gacagcagtg gtacttatgt ggtattcggc 300

ggagggacca agctgaccgt cctag 325

<210> 9156
<211> 361
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9156
gaggtgcagt tggtggagtc tgggggaggc ttggtccagc ctgggggGtc cctgagactc 60

tcctgtgcag cctctggatt catctttagt aacttttgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atacagcaag atggaagtga gaaatactat 180

gtggactctg tgaagggccg attcaccatc tccacagacc tcgccaagaa ctcactgtat 240

ctgcaaatga acagcctgag agccgaagac acggctgtgt attactgtgc gagacaacac 300

ggtgactacg actggtactt tgactactgg ggccagggaa ccctggtcac cgtctcctca 360

g 361

<210> 9157
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9157
tcctatgagc tgacacagcc accctcagtg tcagtgtccc caggacagac ggccaggatc 60

atctgctctg gagatgcatt gccaaagcaa aatgcttatt ggtaccagaa gaagccaggc 120

caggcccctg tgttggtgat atttaaagac agtgagaggc cctcaggcat ccctcagcga 180

ttctctggct ccagctcggg gacaacagtc acgttgacca tcagtggagt ccaggcagaa 240

gacgaggctg actattactg tcaatcagca gacagcagtg gtacttatgt ggtattcggc 300

ggagggacca agctgaccgt cctag 325

<210> 9158
<211> 361
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9158
gaggtgcagt tggtggagtc tgggggaggc ttggtccagc ctgggggtc cctgagactc 60

tcctgtgcag cctctggatt catctttagt aacttttgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atacagcaag atggaagtga gaaatactat 180

gtggactctg tgaagggccg attcaccatc tccacagacc tcgccaagaa ctcactgtat 240

ctgcaaatga acagcctgag agccgaagac acggctgtgt attactgtgc gagacaacac 300

ggtgactacg actggtactt tgactactgg ggccagggaa ccctggtcac cgtctcctca 360

g 361

<210> 9159
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9159
gacatccaga tgacccagtc tccatcctca ctgtctgcct ctgtaggaga cagagtcacc 60

atcacttgtc gggcgagtca ggacattaac aattatttag cctggtttca gcagaaacca 120

ggtaaagccc ctaagtccct gatctattct gcgtccagtt tgcaaagtgg ggtcccatcg 180

aggttcagcg gcagtggatc tgggacagat ttcactctca ccatcagcag cctgcagcct 240

gaagattttg caacttatta ttgccaacag tatcgtagtt accctcggac ttttggccag 300

gggaccaagc tggagatcaa ac 322

<210> 9160
<211> 373
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9160
gaggtgcagc tgttggagtc tgggggaggc ttggtacagc ctgggggtc cctgagactc 60

tcctgtgcag cctctggatt cacctttagc agctatgccg tgtactgggt ccgccaggct 120

ccagggaagg ggctggagtg cgtctcattt attagtggtg gtggtgaaac cacagactac 180

gcagactccg tgaagggccg gttcaccatc tccagagaca attccaagaa cacgttgtat 240

ctgcaaatga acggcctgag agccgaggac acggccgtat attactgtgc gaaatccccg 300

gacgcaacat ttctgtggtt cggggagccc ttcggctact ggggccaggg aaccctggtc 360

accgtctcct cag 373

<210> 9161
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9161
gaaattgtgt tgacgcagtc tccaggcacc ctgtctttgt ctccagggga aagagccacc 60

ctctcctgca gggccagtga gagtgtcagt agtaactact tagcctggta ccagcagaag 120

cctggccagg ctcccaggct cctcatctac gatgcatcca gcagggccac tggcatccca 180

gacaggttca gtggcagtgg gtctgggaca gacttcactc tcaccatcag caaactggag 240

cctgaagatt ttgcagtata ttactgtcag cagtatgctc gggccccgga caccttcgcc 300

caagggacac gactggagat taaac 325

<210> 9162

<211> 364
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9162
caggtgcagc tggtggagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60

tcctgtgcag cctctggatt caccttcagt agctatgcta tgcactgggt ccgccaggct 120

ccaggcaagg ggctggagtg ggtggcagtt atatcatatg atggaagcaa taaatactac 180

gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacgctgtat 240

ctgcaaatga acagcctgag agctgaggac acggctgtgt attactgtgc gagagatcct 300

aacccaatgg ttttggccta ctttgactac tggggccagg gaaccctggt caccgtctcc 360

tcag 364

<210> 9163
<211> 331
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9163
cagactgtgg tgacccagga gccatcgttc tcagtgtccc ctggagggac agtcacactc 60

acttgtggct tgagctctgg ctcagtctct actagttact accccagctg gtaccagcag 120

accccaggcc aggctccacg cacgctcatc tacagcacaa acactcgctc ttctggggtc 180

cctgatcgct tctctggctc catccttggg aacaaagctg ccctcaccat cacgggggcc 240

caggcagatg atgaatctga ttattactgt gtgctgtata tgggtagtgg catttgggtg 300

ttcggcggag ggaccaagct gaccgtccta g 331

<210> 9164
<211> 373
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9164
gaggtgcagc tgttggagtc tgggggaggc ttggtacagc ctgggggGtc cctgagactc 60

tcctgtgcag cctctggatt cacctttagc agctatgccg tgtactgggt ccgccaggct 120

ccagggaagg ggctggagtg cgtctcattt attagtggtg gtggtgaaac cacagactac 180

gcagactccg tgaagggccg gttcaccatc tccagagaca attccaagaa cacgttgtat 240

ctgcaaatga acggcctgag agccgaggac acggccgtat attactgtgc gaaatccccg 300

gacgcaacat ttctgtggtt cggggagccc ttcggctact ggggccaggg aaccctggtc 360

accgtctcct cag 373

<210> 9165
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9165
tcctatgagc tgacacagcc accctcagtg tcagtgtccc caggacagac ggccaggatc 60

atctgctctg gagatgcatt gccaaagcaa aatgcttatt ggtaccagaa gaagccaggc 120

caggcccctg tgttggtgat atttaaagac agtgagaggc cctcaggcat ccctcagcga 180

ttctctggct ccagctcggg gacaacagtc acgttgacca tcagtggagt ccaggcagaa 240

gacgaggctg actattactg tcaatcagca gacagcagtg gtacttatgt ggtattcggc 300

ggagggacca agctgaccgt cctag 325

<210> 9166
<211> 359
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9166

caggtgcagc tggtggagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60

tcgtgtgcag cctctggttt taacctcagc aactatgcta tgcactgggt ccgccaggca 120

tcaggcaagg ggctggagtg ggtgtcactt atatcatacg atggaagtat taaatattac 180

acagactccg tgaagggccg attcaccgtc tccggggaca attccaagaa cacactgttt 240

ctgcaaatga acagcctgcg acctgacgac tcggctcttt attactgtgt gaggggcggt 300

gtcagtggcc caaattcttt tgatatgtgg ggccaaggga caacggtcac cgtctcttc 359

<210> 9167
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9167
tcctatgagc tgacacagcc accctcagtg tcagtgtccc caggacagac ggccaggatc 60

atctgctctg gagatgcatt gccaaagcaa aatgcttatt ggtaccagaa gaagccaggc 120

caggcccctg tgttggtgat atttaaagac agtgagaggc cctcaggcat ccctcagcga 180

ttctctggct ccagctcggg gacaacagtc acgttgacca tcagtggagt ccaggcagaa 240

gacgaggctg actattactg tcaatcagca gacagcagtg gtacttatgt ggtattcggc 300

ggagggacca agctgaccgt cctag 325

<210> 9168
<211> 352
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9168
gaggtgcagc tggtggagtc tgggggaggc ttggtccagc ctgggggggtc cctgacactc 60

tcctgtgcag cctctggttt gaccattaga aactattgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atggaagaag atggaagtga gaaaaactat 180

gtggactctg tgaagggccg attcatcatc tccagagacg acgccaagaa ctcactatat 240

ctacaaatga acagcctgag agccgaggac acggctgtat attactgtac gagagatccc 300

ggtcccgggg atttttcgtg gggccaggga accgtggtaa ccgtctcctc ag 352

<210> 9169
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9169
gaaatagtgt tgacgcagtc tccagccacc ctgtctgtgt ctccagggga aagggtcacc 60

ctctcctgca gggccagtca gactgtaaac aacaacttaa actggctcca gcacaaaccg 120

ggccaggctc ccaggctcgt catcattggt acatctacca gggcctctgg tgtcccagcc 180

aggttcagtg gcagtgggtc ggggacagag ttcactctca ccatcagcag cctgcagtct 240

gaggattatg caatttatta ctgtcaacag tattatgagt ggcctccgat cacctacggc 300

caagggacac gactggagat ta 322

<210> 9170
<211> 372
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9170
caagtgcagc tccagcagtc gggcccagga ctggtgaggc cttcggggac cctgtccctc 60

acgtgcggtg tctctggtgg ctccatcagc agtcctaatt ggtggagttg ggtccgccag 120

gccccaggga agggactgga gtggattggc gaagtctatc ctactgggaa cacctactac 180

aacccgtccc tcaagagtcg agtcaccatt tcaatagagg agtcgaagaa cgagttctcc 240

ctgaacttga gctctgtgac cgccgcagac atgggcattt attactgtgc gagaggcgtc 300

gtgggagcaa gcgacttcta ttattacggt atggacgtct ggggccaagg gaccgcggtc 360

accgtctcct ca 372

<210> 9171
<211> 340
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9171
gagatcgtga tgacccagtc tccagactcc ctgactgtgt ctctgggcga gagggccacc 60

atcagctgca agtccagcca gagtctttta tacagttcca acaataggga ctacttagct 120

tggtaccaac agaaagcagg tcagcctcct aagttgctct tttactgggc atctacccgg 180

gaatccgggg tccctgaccg attcggtggc agcgggtctg ggacacattt cactctcacc 240

atctacaacc tgcagcctga agatgtggca gtttatttct gtcagcagta ttttagtcct 300

ccgtatactt ttggccaggg gaccaagctg gagatcaaac 340

<210> 9172
<211> 362
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9172
caggtgcagc tgcaggagtc gggcccagga ctggtgaagc cttcacagac cctgtccctc 60

aactgctctg tctctggaga ctccatcagc agaagtgatt atcactggag ttggatccgc 120

cagcacccgg gaaagggcct ggagtggatt ggctatatat ataataatgg cgacacatat 180

tataatccgt ccctcaagag tcgtgttacc atgtcagtag acacgtctaa gaacgagttc 240

tccctgaagc tgacctctgt gactgccgcg gacacggccg tctattactg tgcgagagac 300

ggttacgctg gtaactccga ggctcttgac tactggggcc agggaaccct ggtcaccgtc 360

tc 362

<210> 9173

<211> 328
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9173
gaaattgtgt tgacacagtc tccagcctcc ctgtctttgt ctccagggga aagagccacc 60

ctctcctgca gggccagtca gagtgttacc aactacttag cctggtacca acagagacct 120

ggccaggctc ccaggctcct catctatcaa acatccaaca gggccactgg catcccagcc 180

aggttcagtg gcagtgggtc tgggacagac ttcacactca ccatcagcag cctagagcct 240

gaagattttg cattttatta ctgtcagcag cgcagccacc ggcccggggg gatcacgttc 300

ggccaaggga cacgactgga gattaaac 328

<210> 9174
<211> 361
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9174
gaggtgcagt tggtggagtc tgggggaggc ttggtccagc ctgggggGtc cctgagactc 60

tcctgtgcag cctctggatt catctttagt aacttttgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atacagcaag atggaagtga gaaatactat 180

gtggactctg tgaagggccg attcaccatc tccacagacc tcgccaagaa ctcactgtat 240

ctgcaaatga acagcctgag agccgaagac acggctgtgt attactgtgc gagacaacac 300

ggtgactacg actggtactt tgactactgg ggccagggaa ccctggtcac cgtctcctca 360

g 361

<210> 9175
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9175
gacatccaga tgacccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc 60

atcacttgcc aggcgagtca ggacattagc aactatttaa attggtatca gcagaaacca 120

gggaaagccc ctaagctcct gatctacgat gcatccaatt tggaaacagg ggtcccatca 180

aggttcagcg gcagtggatc tgggacagat tttactttca ccatcagcag cctgcagcct 240

gaagatattg caacatatta ctgtcaacag tatgataatc tccctctcac tttcggccct 300

gggaccaaag tggatatcaa ac 322

<210> 9176
<211> 361
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9176
gaggtgcagt tggtggagtc tgggggaggc ttggtccagc ctgggggGtc cctgagactc 60

tcctgtgcag cctctggatt catctttagt aacttttgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atacagcaag atggaagtga gaaatactat 180

gtggactctg tgaagggccg attcaccatc tccacagacc tcgccaagaa ctcactgtat 240

ctgcaaatga acagcctgag agccgaagac acggctgtgt attactgtgc gagacaacac 300

ggtgactacg actggtactt tgactactgg ggccagggaa ccctggtcac cgtctcctca 360

g 361

<210> 9177
<211> 340
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9177

gagatcgtga tgacccagtc tccagactcc ctgactgtgt ctctgggcga gagggccacc 60

atcagctgca agtccagcca gagtctttta tacagttcca acaataggga ctacttagct 120

tggtaccaac agaaagcagg tcagcctcct aagttgctct tttactgggc atctacccgg 180

gaatccgggg tccctgaccg attcggtggc agcgggtctg ggacacattt cactctcacc 240

atctacaacc tgcagcctga agatgtggca gtttatttct gtcagcagta ttttagtcct 300

ccgtatactt ttggccaggg gaccaagctg gagatcaaac 340

<210> 9178
<211> 367
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9178
gaggtgcaat tagtggagtc tgggggaggc ctggtcaagc ctggggagtc cctgagactc 60

tcctgtgcgg cctctaaatt caccttcagt acctatcata tgaactggat tcgccaggct 120

ccaggaaagg ggctagagtg ggtctcagcc atcagtgctg acagtacggt cacaacatat 180

gcagactcag tgaggggccg attcatcatt tctagagaca acgacaagaa ttcactgtat 240

ctgcaaatga atggcctgag agtggacgac ctggctgtat attactgtgc gagggggcgt 300

gcgcgtggta gtgatcatac tggatttgac tcctggggcc agggaaccct ggtcaccgtc 360

tcctcag 367

<210> 9179
<211> 340
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9179
gatattgtga tgactcagtc tccactctcc ctgtccgtca cccctggaga gccggcctcc 60

atctcctgca ggtcaagtca gagcctcctg catcgtaatg gatacaacat attggattgg 120

tacctgcaga agccagggca gtctccacaa ctcctgatct atttgggttc taatcgggcc 180

tccggggtcc ctgacaggtt cagtggcagt ggatcgggca cggactttac attgaaaatc 240

agcagagtgg aggctgagga tgttggggtt tactactgca tgcaaggtct acagactcct 300

ccgtacactt ttggccaggg gaccaagctg gagatcaaac 340

<210> 9180
<211> 361
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9180
gaggtgcagt tggtggagtc tgggggaggc ttggtccagc ctgggggGtc cctgagactc 60

tcctgtgcag cctctggatt catctttagt aactttgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atacagcaag atggaagtga gaaatactat 180

gtggactctg tgaagggccg attcaccatc tccacagacc tcgccaagaa ctcactgtat 240

ctgcaaatga acagcctgag agccgaagac acggctgtgt attactgtgc gagacaacac 300

ggtgactacg actggtactt tgactactgg ggccagggaa ccctggtcac cgtctcctca 360

g 361

<210> 9181
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9181
gacatccaga tgacccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc 60

atcacttgcc gggcaagtca gagcattacc acctatttaa attggtatca gcagaaagca 120

gggaaagccc ctaacctcct gatctatgct ccatccaatt tgcaaagtgg ggtcccatca 180

agattcagtg gcagtggatc tgggacagat ttcactctca ccatcagcag tctgcaacct 240

gaagattttg gaacttacta ctgtcagcag agttacagta gtccgttcac tttcggccct 300

gggaccaaag tggatatcaa ac 322

<210> 9182
<211> 361
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9182
gaggtgcagt tggtggagtc tgggggaggc ttggtccagc ctgggggtc cctgagactc 60

tcctgtgcag cctctggatt catctttagt aacttttgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atacagcaag atggaagtga gaaatactat 180

gtggactctg tgaagggccg attcaccatc tccacagacc tcgccaagaa ctcactgtat 240

ctgcaaatga acagcctgag agccgaagac acggctgtgt attactgtgc gagacaacac 300

ggtgactacg actggtactt tgactactgg ggccagggaa ccctggtcac cgtctcctca 360

g 361

<210> 9183
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9183
gaaatagtgt tgacgcagtc tccagccacc ctgtctgtgt ctccagggga aagggtcacc 60

ctctcctgca gggccagtca gactgtaaac aacaacttaa actggctcca gcacaaaccg 120

ggccaggctc ccaggctcgt catcattggt acatctacca gggcctctgg tgtcccagcc 180

aggttcagtg gcagtgggtc ggggacagag ttcactctca ccatcagcag cctgcagtct 240

gaggattatg caatttatta ctgtcaacag tattatgagt ggcctccgat cacctacggc 300

caagggacac gactggagat ta 322

<210> 9184
<211> 372
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9184
caagtgcagc tccagcagtc gggcccagga ctggtgaggc cttcggggac cctgtccctc 60

acgtgcggtg tctctggtgg ctccatcagc agtcctaatt ggtggagttg ggtccgccag 120

gccccaggga agggactgga gtggattggc gaagtctatc ctactgggaa cacctactac 180

aacccgtccc tcaagagtcg agtcaccatt tcaatagagg agtcgaagaa cgagttctcc 240

ctgaacttga gctctgtgac cgccgcagac atgggcattt attactgtgc gagaggcgtc 300

gtgggagcaa gcgacttcta ttattacggt atggacgtct ggggccaagg gaccgcggtc 360

accgtctcct ca 372

<210> 9185
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9185
tcctatgagc tgacacagcc accctcagtg tcagtgtccc caggacagac ggccaggatc 60

atctgctctg gagatgcatt gccaaagcaa aatgcttatt ggtaccagaa gaagccaggc 120

caggcccctg tgttggtgat atttaaagac agtgagaggc cctcaggcat ccctcagcga 180

ttctctggct ccagctcggg gacaacagtc acgttgacca tcagtggagt ccaggcagaa 240

gacgaggctg actattactg tcaatcagca gacagcagtg gtacttatgt ggtattcggc 300

ggagggacca agctgaccgt cctag 325

<210> 9186
<211> 337
<212> DNA

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9186
caggtgcagc tgcaggagtc gggcccagga ctggtgaagc cttcggagac cctgtccctc 60

acctgcactg tctctggtgg ctccatcagt agttactact ggagctggat ccggcagccc 120

ccagggaagg gactggagta cattggctat atctattaca gtgggagcac caactacaac 180

ccctccctca agagtcgagt caccatatca gtagacacgt ccaagaacca gttatccctg 240

aagctgaggt ctgtgaccgc tgcggacacg gccgtgtatt actgtgcgag ggggtttgac 300

tattggggcc agggaaccct ggtcaccgtc tcctcag 337

<210> 9187
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9187
gaaattgtgt tgacgcagtc tccaggcacc ctgtctttgt ctccagggga aagagccacc 60

ctctcctgca gggccagtca gagtgttagc agcagctact tagcctggta ccagcagaaa 120

cctggccagg ctcccaggct cctcatctat ggtacatcca gcagggccac tggcatccca 180

gacaggttca gtggcagtgg gtctgggaca gacttcactc tcaccatcag cagactggag 240

cctgaagatt ttgcagtgtt ttactgtcag cagtatggta actctccgtg gacgttcggc 300

caagggacca aggtggaaat caaac 325

<210> 9188
<211> 352
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9188

gaggtgcagc tggtggagtc tgggggaggc ttggtccagc ctgggggtc cctgacactc 60

tcctgtgcag cctctggttt gaccattaga aactattgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atggaagaag atggaagtga gaaaaactat 180

gtggactctg tgaagggccg attcatcatc tccagagacg acgccaagaa ctcactatat 240

ctacaaatga acagcctgag agccgaggac acggctgtat attactgtac gagagatccc 300

ggtcccgggg atttttcgtg gggccaggga accgtggtaa ccgtctcctc ag 352

<210> 9189
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9189
gaaattgtgt tgacacagtc tccagccacc ctgtctttgt ctccagggga aagagccacc 60

ctctcctgca gggccagtca gagtgttagc agctacttag cctggtacca acagaaacct 120

ggccaggctc ccaggctcct catttttgat gcatccaaca gggccactgg catcccagcc 180

aggttcagtg gcagtgggtc tgggacagac ttcactctca ccatcagcag cctagagcct 240

gaagattttg cagtttattt ctgtcagcag cgtagcagct ggcaggggat cactttcggc 300

ggagggacca aggtggagat caaac 325

<210> 9190
<211> 361
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9190
gaggtgcagt tggtggagtc tgggggaggc ttggtccagc ctgggggtc cctgagactc 60

tcctgtgcag cctctggatt catctttagt aacttttgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atacagcaag atggaagtga gaaatactat 180

gtggactctg tgaagggccg attcaccatc tccacagacc tcgccaagaa ctcactgtat 240

ctgcaaatga acagcctgag agccgaagac acggctgtgt attactgtgc gagacaacac 300

ggtgactacg actggtactt tgactactgg ggccagggaa ccctggtcac cgtctcctca 360

g 361

<210> 9191
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9191
gaaattgtgt tgacacagtc tccagccacc ctgtctttgt ctccagggga aagagccacc 60

ctctcctgca gggccagtca gagtgttagc agctacttag cctggtacca acagaaacct 120

ggccaggctc ccaggctcct catttttgat gcatccaaca gggccactgg catcccagcc 180

aggttcagtg gcagtgggtc tgggacagac ttcactctca ccatcagcag cctagagcct 240

gaagattttg cagtttattt ctgtcagcag cgtagcagct ggcaggggat cactttcggc 300

ggagggacca aggtggagat caaac 325

<210> 9192
<211> 372
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9192
caagtgcagc tccagcagtc gggcccagga ctggtgaggc cttcggggac cctgtccctc 60

acgtgcggtg tctctggtgg ctccatcagc agtcctaatt ggtggagttg ggtccgccag 120

gccccaggga agggactgga gtggattggc gaagtctatc ctactgggaa cacctactac 180

aacccgtccc tcaagagtcg agtcaccatt tcaatagagg agtcgaagaa cgagttctcc 240

ctgaacttga gctctgtgac cgccgcagac atgggcattt attactgtgc gagaggcgtc 300

gtgggagcaa gcgacttcta ttattacggt atggacgtct ggggccaagg gaccgcggtc 360

accgtctcct ca 372

<210> 9193
<211> 319
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9193
gaaattgtgt tgacacagtc tccagccacc ccgtctttgt ctccagggga aagagccacc 60

ctctcctgca gggccagtca gagtgttagc agctacttag cctggtacca acagaaacct 120

ggccaggctc ccaggctcct catttttgat gcatccaaca gggccactgg catcccagcc 180

aggttcagtg gcagtgggtc tgggacagac ttcactctca ccatcagcag cctggagtct 240

gaagattttg gaacttatta ctgtcagcag tataatcact ggcggacgtt cggccaaggg 300

accaaggtgg aaatcaaac 319

<210> 9194
<211> 352
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9194
gaggtgcagc tggtggagtc tgggggaggc ttggtccagc ctgggggtc cctgacactc 60

tcctgtgcag cctctggttt gaccattaga aactattgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atggaagaag atggaagtga gaaaaactat 180

gtggactctg tgaagggccg attcatcatc tccagagacg acgccaagaa ctcactatat 240

ctacaaatga acagcctgag agccgaggac acggctgtat attactgtac gagagatccc 300

ggtcccgggg atttttcgtg gggccaggga accgtggtaa ccgtctcctc ag 352

<210> 9195

<211> 340
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9195
gagatcgtga tgacccagtc tccagactcc ctgactgtgt ctctgggcga gagggccacc 60

atcagctgca agtccagcca gagtctttta tacagttcca acaataggga ctacttagct 120

tggtaccaac agaaagcagg tcagcctcct aagttgctct tttactgggc atctacccgg 180

gaatccgggg tccctgaccg attcggtggc agcgggtctg ggacacattt cactctcacc 240

atctacaacc tgcagcctga agatgtggca gtttatttct gtcagcagta ttttagtcct 300

ccgtatactt ttggccaggg gaccaagctg gagatcaaac 340

<210> 9196
<211> 361
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9196
gaggtgcagt tggtggagtc tgggggaggc ttggtccagc ctgggggGtc cctgagactc 60

tcctgtgcag cctctggatt catctttagt aacttttgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atacagcaag atggaagtga gaaatactat 180

gtggactctg tgaagggccg attcaccatc tccacagacc tcgccaagaa ctcactgtat 240

ctgcaaatga acagcctgag agccgaagac acggctgtgt attactgtgc gagacaacac 300

ggtgactacg actggtactt tgactactgg ggccagggaa ccctggtcac cgtctcctca 360

g 361

<210> 9197
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9197
gaaattgtgt tgacgcagtc tccaggcacc ctgtctttgt ctccagggga aagagccacc 60

ctctcctgca gggccagtga gagtgtcagt agtaactact tagcctggta ccagcagaag 120

cctggccagg ctcccaggct cctcatctac gatgcatcca gcagggccac tggcatccca 180

gacaggttca gtggcagtgg gtctgggaca gacttcactc tcaccatcag caaactggag 240

cctgaagatt ttgcagtata ttactgtcag cagtatgctc gggccccgga caccttcgcc 300

caagggacac gactggagat taaac 325

<210> 9198
<211> 381
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9198
caaatgcagc tggtgcagtc tggggctgag gtgaagaagc ctgggtcctc ggtgaaggtc 60

tcctgcaagg cttctggagg caccttcatc aattatgcta tcaactgggt gcgacaggcc 120

cctggacaac gacttgagta catgggaggg atcatccctc ttcttggtgt tgcaaactac 180

acacagcgat tccagggcag agtcacgatg accgcggaca gatctacgag cacagcctac 240

atggagctga gtaatctggc aattgaagac acggccgtgt attactgtgc gagagagtat 300

agcagcagcc ggcccttatt ttacacctac aactacggta tggacgtctg gggccaaggg 360

accacggtca ccgtctcctc a 381

<210> 9199
<211> 337
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9199

gatattgtga tgacccagac tccactctct ctgtccgtca cccctggaca gccggcctcc 60

atctcctgca agtctagtca gggcctcctg catggtgatg ggaagaccta tttgtattgg 120

ttcttgcaga aggcaggcca gcctccacaa ctcctgatct atgaagtttc aaaccgcttc 180

tccggagtgc cagatagatt cagcggcagc gggtcaggga cagatttcac actgaaaatc 240

agccgggtgg aggctgagga tgttgggatt tattattgca tgcaaagtgt acaccttccg 300

tacacttttg gccaggggac caagttggag atcaaac 337

<210> 9200
<211> 352
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9200
gaggtgcagc tggtggagtc tgggggaggc ttggtccagc ctgggggtc cctgacactc 60

tcctgtgcag cctctggttt gaccattaga aactattgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atggaagaag atggaagtga gaaaaactat 180

gtggactctg tgaagggccg attcatcatc tccagagacg acgccaagaa ctcactatat 240

ctacaaatga acagcctgag agccgaggac acggctgtat attactgtac gagagatccc 300

ggtcccgggg atttttcgtg gggccaggga accgtggtaa ccgtctcctc ag 352

<210> 9201
<211> 319
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9201
tcctatgagc tgactcagcc accctcagtg tccgtgtccc caggacagac agccagcatc 60

acctgctctg gagataaatt gggggagaaa tatgcttgct ggtatcagca gaagccaggc 120

cagtcccctg tgttggtcat ttatcaagat accaagcggc cctcagggat ccctgagcga 180

ttctctggct ccaactctgg gaacacagcc acgctgacca tcagcgggac ccaggctgtg 240

gatgaggctg actattactg tcaggcgtgg gactacacca ccgtgatatt cggcggaggg 300

accaagctga ccgtcctag 319

<210> 9202
<211> 352
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9202
gaggtgcagc tggtggagtc tgggggaggc ttggtccagc ctgggggtc cctgacactc 60

tcctgtgcag cctctggttt gaccattaga aactattgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atggaagaag atggaagtga gaaaaactat 180

gtggactctg tgaagggccg attcatcatc tccagagacg acgccaagaa ctcactatat 240

ctacaaatga acagcctgag agccgaggac acggctgtat attactgtac gagagatccc 300

ggtcccgggg atttttcgtg gggccaggga accgtggtaa ccgtctcctc ag 352

<210> 9203
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9203
gaaattgtgt tgacgcagtc tccaggcacc ctgtctttgt ctccagggga aagagccacc 60

ctctcctgca gggccagtca gagtgttagc agcagctact tagcctggta ccagcagaaa 120

cctggccagg ctcccaggct cctcatctat ggtgcatcca gcagggccac tggcatccca 180

gacaggttca gtggcagtgg gtctgggaca gacttcactc tcaccatcag cagactggag 240

cctgaagatt ttgcagtgta ttactgtcag cagtatggta gctcttacac ttttggccag 300

gggaccaagc tggagatcaa ac 322

<210> 9204
<211> 352
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9204
gaggtgcagc tggtggagtc tgggggaggc ttggtccagc ctgggggtc cctgacactc 60

tcctgtgcag cctctggttt gaccattaga aactattgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atggaagaag atggaagtga gaaaaactat 180

gtggactctg tgaagggccg attcatcatc tccagagacg acgccaagaa ctcactatat 240

ctacaaatga acagcctgag agccgaggac acggctgtat attactgtac gagagatccc 300

ggtcccgggg atttttcgtg gggccaggga accgtggtaa ccgtctcctc ag 352

<210> 9205
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9205
gaaattgtgt tgacacagtc tccagccacc ctgtctttgt ctccagggga aagagccacc 60

ctctcctgca gggccagtca gagtgttagc agctacttag cctggtacca acagaaacct 120

ggccaggctc ccaggctcct catttttgat gcatccaaca gggccactgg catcccagcc 180

aggttcagtg gcagtgggtc tgggacagac ttcactctca ccatcagcag cctgcagcct 240

gaagattttg caacttatta ttgccaacag tatcgtagtt accctcggac ttttggccag 300

gggaccaagc tggagatcaa ac 322

<210> 9206
<211> 352
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9206
gaggtgcagc tggtggagtc tgggggaggc ttggtccagc ctgggggtc cctgacactc 60

tcctgtgcag cctctggttt gaccattaga aactattgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atggaagaag atggaagtga gaaaaactat 180

gtggactctg tgaagggccg attcatcatc tccagagacg acgccaagaa ctcactatat 240

ctacaaatga acagcctgag agccgaggac acggctgtat attactgtac gagagatccc 300

ggtcccgggg atttttcgtg gggccaggga accgtggtaa ccgtctcctc ag 352

<210> 9207
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9207
gacatccaga tgacccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc 60

atcacttgcc gggcaagtca gagcattacc acctatttaa attggtatca gcagaaagca 120

gggaaagccc ctaacctcct gatctatgct ccatccaatt tgcaaagtgg ggtcccatca 180

agattcagtg gcagtggatc tgggacagat ttcactctca ccatcagcag tctgcaacct 240

gaagattttg gaacttacta ctgtcagcag agttacagta gtccgttcac tttcggccct 300

gggaccaaag tggatatcaa ac 322

<210> 9208
<211> 382
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9208
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tcctgcaagg gtgatgggga cacattcagc acatatgcca tcacctgggt gcgacaggcc 120

cctggacaag ggcttgagtg gatggggagg atcatccctg gccttgacct ggtggataat 180

caacagaagt ttcaggacag actgacaatt accgcggaca aatccacgac cacagcctac 240

atggagctga gaagcctcag atctgaagac acggccgtat attattgtgc gagaggtaga 300

cgttacgatt ttttggatgg tcaatatacg tcatggtact tcgacatttg gggccgtggc 360

accctggtca ctgtctcctc ag 382

<210> 9209
<211> 337
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9209
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atgtcctgca ggtctaatca gagcctcctg tatggtaatg gatacaacta tttggattgg 120

tacctgcaga gaccagggca gtctccacag ctcctaatct ttttgggttc taatcgggcc 180

tccggggtcc ctgacaggtt cagtggcagt ggatcaggca cagattttac actgaaaatc 240

aacagagtgg aggctgagga tgtgggaatt tattactgca tgcaaggtca agagaatcct 300

ccaacttttg gccctgggac caaagtggag atcaaac 337

<210> 9210
<211> 373
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9210
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tcctgtgcag cctctggatt cacctttagc agctatgccg tgtactgggt ccgccaggct 120

ccagggaagg ggctggagtg cgtctcattt attagtggtg gtggtgaaac cacagactac 180

gcagactccg tgaagggccg gttcaccatc tccagagaca attccaagaa cacgttgtat 240

ctgcaaatga acggcctgag agccgaggac acggccgtat attactgtgc gaaatccccg 300

gacgcaacat ttctgtggtt cggggagccc ttcggctact ggggccaggg aaccctggtc 360

accgtctcct cag 373

<210> 9211
<211> 319
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9211
gaaatagtga tgacgcagtc tccagccacc ctgtctgtgt ctccagggga aagagccacc 60

ctctcctgca gggccagtca gagtgttagc agcaacttag cctggtacca gcagaaacct 120

ggccaggctc ccaggctcct catctatggt gcatccacca gggccactgg tatcccagcc 180

aggttcagtg gcagtgggtc tgggacagac ttcactctca ccatcagcag cctgcagtct 240

gaagattttg cagtttatta ctgtcagcag tataataact ggcggacgtt cggccaaggg 300

accaaggtgg aaatcaaac 319

<210> 9212
<211> 354
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9212
cagatgcaac tggtgcagag cgggaccgag gtgaaaaaac ccggcgagtc cttgaagatt 60

agttgcaaag gttcaggtta tggattcatt acctactgga taggatgggt aagacaaatg 120

ccaggtaaag gtttggagtg gatggggata atataccctg gggattctga gacaagatac 180

tcccccagct tccagggtca ggtaactata tctgcagata aaagtataaa cactgcctat 240

cttcagtggt cctcactgaa agcatctgac actgctatct actactgtgc cggaggtagt 300

ggcatatcaa ctccaatgga cgtatggggt caagggacaa ctgtcaccgt ctcc 354

<210> 9213
<211> 258
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9213
tctgtactct acagcagcat caataaaaat tacctcgcat ggtatcagca aaagccagga 60

caacccccaa aacttctcat atattgggca agtacacggg agtctggcgt ccccgatagg 120

ttttctggta gtgggagtgg tactgacttt acccttacca tatcatcact tcaagccgag 180

gatgtcgctg tgtactactg ccaacaatat tattcaaccc cttatacatt cggccagggc 240

acaaaggtag aaattaaa 258

<210> 9214
<211> 375
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9214
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acctgcactg tctctggtgg ctccatcagc agtggtagtc actactggag ctggattcgg 120

cagcccgccg gaaagggact ggagtgggtc gggcgtatct ataccagtgg gagcaccaac 180

tacaacccct ccctcgagcg tcgagtcacc atatcactag gcacgtccaa gaaccagttc 240

taccttgatc tgacctctgt gaccgccgca gacacggccg tgtattactg tgcgagagat 300

tccttgagtg gttcttacca ctactactac ggtatggacg tctggggcca agggacctcg 360

gtcaccgtct cctca 375

<210> 9215
<211> 331
<212> DNA

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9215
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tcttgttctg gaagcagttc caacatcgga agtaattatg tttactggta ccagcacctc 120

ccaggaacgg cccccaaact cctcatctat aggaattatc agcggccctc aggggtccct 180

gaccgattct ctggctccaa gtctggcacc tcagcctccc tggccatcag tgggctccgg 240

tccgaggatg agggtgatta ttattgtgca gtttgggatg acagcctgag tggttgggtg 300

ttcggcggag ggaccaagct gaccgtccta g 331

<210> 9216
<211> 355
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9216
caggtgcaac tggtggagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60

tcctgtgcag cctctggatt caccttcatt agctatacta tgcactgggt ccgccaggct 120

ccaggcaagg ggctggagtg ggtggcactt atatcatatg atggatacaa taagtactat 180

gcagactccg tgaagggccg atttaccatc tccagagaca attccaagaa cacgctgtat 240

gtgcaaatga acagcctgag agctgaggac acggctctgt attactgtgc gagagaaggg 300

agcccggagg cctttgacta ctggggccag ggaaccctgg tcaccgtctc ctcag 355

<210> 9217
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9217

gaaatagtgt tgacgcagtc tccagccacc ctgtctgtgt ctccagggga aagggtcacc 60

ctctcctgca gggccagtca gactgtaaac aacaacttaa actggctcca gcacaaaccg 120

ggccaggctc ccaggctcgt catcattggt acatctacca gggcctctgg tgtcccagcc 180

aggttcagtg gcagtgggtc ggggacagag ttcactctca ccatcagcag cctgcagtct 240

gaggattatg caatttatta ctgtcaacag tattatgagt ggcctccgat cacctacggc 300

caagggacac gactggagat ta 322

<210> 9218
<211> 372
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9218
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tcctgtggag cctctggatt cacctttact aatcattgga tgagctgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccagc ataaagcaag atggagctga gaaatactat 180

gtggactatc tgaagggccg attcaccatc tccagagaca acgccaagaa ttcactgtat 240

ctgcaaatga acagcctgag agtcgaggac acggctgttt attactgtgc gagacgtatc 300

acgatggcac tggctggttg gggttggggt atggacgtct ggggccaagg gaccacggtc 360

agagtctcct ca 372

<210> 9219
<211> 337
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9219
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atctcctgca ggtctagtcg gagtctcttg tctaggaatg gatacaacta tttggattgg 120

tacctgcaga ggccagggca gtctccacag ctcgtgatct atttgggttc taatcgggcc 180

tccggggtcc ctgacaggtt cagtggcagt ggatcaggca cagattttac actgaaaatc 240

agcagagtgg aggctgagga tgttgggctt tattactgca tgcaagctat gcaagctcct 300

ctcactttcg gcccggggac caaagtggaa atcaaac 337

<210> 9220
<211> 378
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9220
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tcctgcaaga cttctggata caccttcact agttatgcta taaattgggt gcgacaggcc 120

cctggacaag ggcttgagtg gatcggatgg atcaacatca acactgggaa cccaacgtat 180

gcccagggct tcacaggacg ggttgacttc tccttggaca cctctgtcag cacggcatat 240

ctgcagatca gaagcctaaa ggctgaggac actgctgtgt attactgtgc gagagatcgg 300

ggtatagcag ctcgtcgggg atactactac tacggtatgg acgtctgggg ccaagggacc 360

acggtcaccg tctcctca 378

<210> 9221
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9221
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atctgctctg gagatgcatt gccaaagcaa aatgcttatt ggtaccagaa gaagccaggc 120

caggcccctg tgttggtgat atttaaagac agtgagaggc cctcaggcat ccctcagcga 180

ttctctggct ccagctcggg gacaacagtc acgttgacca tcagtggagt ccaggcagaa 240

gacgaggctg actattactg tcaatcagca gacagcagtg gtacttatgt ggtattcggc 300

ggagggacca agctgaccgt cctag 325

<210> 9222
<211> 382
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9222
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tcctgcaagg gtgatgggga cacattcagc acatatgcca tcacctgggt gcgacaggcc 120

cctggacaag ggcttgagtg gatggggagg atcatccctg gccttgacct ggtggataat 180

caacagaagt ttcaggacag actgacaatt accgcggaca aatccacgac cacagcctac 240

atggagctga gaagcctcag atctgaagac acggccgtat attattgtgc gagaggtaga 300

cgttacgatt ttttggatgg tcaatatacg tcatggtact tcgacatttg gggccgtggc 360

accctggtca ctgtctcctc ag 382

<210> 9223
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9223
tcctatgagc tgacacagcc accctcagtg tcagtgtccc caggacagac ggccaggatc 60

atctgctctg gagatgcatt gccaaagcaa aatgcttatt ggtaccagaa gaagccaggc 120

caggcccctg tgttggtgat atttaaagac agtgagaggc cctcaggcat ccctcagcga 180

ttctctggct ccagctcggg gacaacagtc acgttgacca tcagtggagt ccaggcagaa 240

gacgaggctg actattactg tcaatcagca gacagcagtg gtacttatgt ggtattcggc 300

ggagggacca agctgaccgt cctag 325

<210> 9224
<211> 337
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9224
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acctgcactg tctctggtgg ctccatcagt agttactact ggagctggat ccggcagccc 120

ccagggaagg gactggagta cattggctat atctattaca gtgggagcac caactacaac 180

ccctccctca agagtcgagt caccatatca gtagacacgt ccaagaacca gttatccctg 240

aagctgaggt ctgtgaccgc tgcggacacg gccgtgtatt actgtgcgag ggggtttgac 300

tattggggcc agggaaccct ggtcaccgtc tcctcag 337

<210> 9225
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9225
tcctatgagc tgacacagcc accctcagtg tcagtgtccc caggacagac ggccaggatc 60

atctgctctg gagatgcatt gccaaagcaa aatgcttatt ggtaccagaa gaagccaggc 120

caggcccctg tgttggtgat atttaaagac agtgagaggc cctcaggcat ccctcagcga 180

ttctctggct ccagctcggg gacaacagtc acgttgacca tcagtggagt ccaggcagaa 240

gacgaggctg actattactg tcaatcagca gacagcagtg gtacttatgt ggtattcggc 300

ggagggacca agctgaccgt cctag 325

<210> 9226
<211> 364
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9226
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acctgcgctg tccacggtgg gtccttcagt ggtccctact ggacctggat ccgccagtcg 120

ccaagtcagg ggctggagtg gattggagaa atcggtcctc gtgggatcac ctactacagc 180

ccgtccctcg agagtcgagt caccatatca gcagacacgt ccaggaatca gttctccctg 240

aggctgacgt ctgtgaccgc cgcggacacg gctgtctatt actgtgcgag aggcttggtt 300

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tcag 364

<210> 9227
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9227
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ctctcctgca gggccagtga gagtgtcagt agtaactact tagcctggta ccagcagaag 120

cctggccagg ctcccaggct cctcatctac gatgcatcca gcagggccac tggcatccca 180

gacaggttca gtggcagtgg gtctgggaca gacttcactc tcaccatcag caaactggag 240

cctgaagatt ttgcagtata ttactgtcag cagtatgctc gggccccgga caccttcgcc 300

caagggacac gactggagat taaac 325

<210> 9228
<211> 358
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9228

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tcctgtgcag cctctggatt caccttcagt ggctatgcca taaactgggt ccgccaggct 120

ccagggaagg gcctggagtg ggtctcgtcc attagtggga ataataatga tatgtactac 180

gcagactcag tgaagggccg attcaccatc tccagagaca acgccaagag ctcagtgttt 240

ctgcaaatga acagcctgag agtcgaggac acggctatct attactgtgc gagagataac 300

ttagcactgg ctggggagga ctactggggc cagggaaccc tggtcaccgt ctcctcag 358

<210> 9229
<211> 340
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9229
gagatcgtga tgacccagtc tccagactcc ctgactgtgt ctctgggcga gagggccacc 60

atcagctgca agtccagcca gagtctttta tacagttcca acaataggga ctacttagct 120

tggtaccaac agaaagcagg tcagcctcct aagttgctct tttactgggc atctacccgg 180

gaatccgggg tccctgaccg attcggtggc agcgggtctg ggacacattt cactctcacc 240

atctacaacc tgcagcctga agatgtggca gtttatttct gtcagcagta ttttagtcct 300

ccgtatactt ttggccaggg gaccaagctg gagatcaaac 340

<210> 9230
<211> 373
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9230
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tcctgtgcag cctctggatt cacctttagc agctatgccg tgtactgggt ccgccaggct 120

ccagggaagg ggctggagtg cgtctcattt attagtggtg gtggtgaaac cacagactac 180

gcagactccg tgaagggccg gttcaccatc tccagagaca attccaagaa cacgttgtat 240

ctgcaaatga acggcctgag agccgaggac acggccgtat attactgtgc gaaatccccg 300

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accgtctcct cag 373

<210> 9231
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9231
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ctctcctgca gggccagtca gagtgttagc agcaacgtag cctggtacca gcagaaacct 120

ggccaggctc ccagcctcct catctatggt gcatccacca gggccactgg taccccagcc 180

aggttcagtg gcagtgggtc tgggacaggg ttcactctca ccatcaccag cctgcagtct 240

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gggaccaaag tggagatcaa ac 322

<210> 9232
<211> 375
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9232
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tcctgtgcag cctctggatt cgtctttagc gactattcca tgaattgggt ccgcctggct 120

ccaggaaagg ggctggcgtg ggtctctgtt gttggtgttg atgccgtcac caaattctat 180

gaagactccg tgaagggccg gttcaccatt tccagagaca actccaagaa cacgatatat 240

ctgcaaatga acaacctgag agccgaagac acggccgtat atcactgtgc gaaaagtcag 300

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gtcaccgtct cctca 375

<210> 9233
<211> 340
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9233
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atcagctgca agtccagcca gagtctttta tacagttcca acaataggga ctacttagct 120

tggtaccaac agaaagcagg tcagcctcct aagttgctct tttactgggc atctacccgg 180

gaatccgggg tccctgaccg attcggtggc agcgggtctg ggacacattt cactctcacc 240

atctacaacc tgcagcctga agatgtggca gtttatttct gtcagcagta ttttagtcct 300

ccgtatactt ttggccaggg gaccaagctg gagatcaaac 340

<210> 9234
<211> 367
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9234
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tcctgtgcag cctctggatt caccttcagt agttatagca tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtctcatcc attagtagta ctagtagtta catatactac 180

gcagactcag tgaagggccg attcaccatc tccagagaca acgccaagaa ctcactgtat 240

ctgcaaatga acagcctgag agccgaggac acggctgtat attactgtgc gagacgtagg 300

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tcctcag 367

<210> 9235
<211> 331
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9235
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tcctgctctg gaagcagctc caacattggg aataattatg tatcctggta ccagcagctc 120

ccaggaacag cccccaaact cctcatttat gacaataata agcgaccctc agggattcct 180

gaccgattct ctggctccaa gtctggcacg tcagccaccc tgggcatcac cggactccag 240

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ttcggcggag ggaccaagct gaccgtccta g 331

<210> 9236
<211> 358
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9236
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tcctgcaagg cttctggagg caccttcaac agtcatgcca tcggctgggt gcgacaggcc 120

cctggacaag gccttgagtg gatgggaagg atcgtcccta tccggaagac cacaacttac 180

gcaccgcagt tacagggcag actcacgctg accgcggaca catccacgag cacactgtac 240

atggaactga gtagcctgcg atccgaggac tcggcccggt attactgtgc gagagtcatt 300

ctgtctggga ggggctttga catctggggc cagggatccc tggtcgccgt ctcctcag 358

<210> 9237
<211> 313
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9237
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ggggaagccc ctcagctcct gatctacgat gtatccaatt tgcaaacagg ggtcccatca 180

aggttcagtg gctttggatt tgggacaaat tttactttca ccatcagcgg cctgcagtct 240

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ttggagatca aac 313

<210> 9238
<211> 381
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9238
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tcctgcaagg cttctggagg cacctttagc agctatgctt tcagttgggt gcgacaggcc 120

cctggacaag ggcttgagtg gatgggaagg atcatcctta ttcttggtat aacagactac 180

gcaccgaagt tccagggcag agtcacgatt accgcggaca aatccacgag cacagtgtac 240

atggaggtga gcagcctgag atcggacgac acggccgtgt attactgtgc gagagaaagg 300

ccaagagacc cctccagtaa ctacgttgcc tactacgcta tggacgtctg gggccaaggg 360

acctcggtca ccgtctcgtc a 381

<210> 9239
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9239

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atcacttgcc gggcaagtca gagcattacc acctatttaa attggtatca gcagaaagca 120

gggaaagccc ctaacctcct gatctatgct ccatccaatt tgcaaagtgg ggtcccatca 180

agattcagtg gcagtggatc tgggacagat ttcactctca ccatcagcag tctgcaacct 240

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gggaccaaag tggatatcaa ac 322

<210> 9240
<211> 372
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9240
caagtgcagc tccagcagtc gggcccagga ctggtgaggc cttcggggac cctgtccctc 60

acgtgcggtg tctctggtgg ctccatcagc agtcctaatt ggtggagttg ggtccgccag 120

gccccaggga agggactgga gtggattggc gaagtctatc ctactgggaa cacctactac 180

aacccgtccc tcaagagtcg agtcaccatt tcaatagagg agtcgaagaa cgagttctcc 240

ctgaacttga gctctgtgac cgccgcagac atgggcattt attactgtgc gagaggcgtc 300

gtgggagcaa gcgacttcta ttattacggt atggacgtct ggggccaagg gaccgcggtc 360

accgtctcct ca 372

<210> 9241
<211> 321
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9241
gacatccaga tgacccagtc tccatcctcc ctgtctgcat ctgttgggga cagagtcacc 60

atcacttgcc gggcaagtga aaccattagt aatttttaa attggtatct ccaacgacca 120

gggaaagccc ctcaggtcct catctattct gcagcccgtt tacaaagtgg ggtcccatca 180

aggttccgtg ccagtggatc tgggacagat ttcactctca ccatcaccag tctgcaactt 240

gaagattttg gagtttatta ctgtcaacag agtttcaata cccctcggac gttcggccaa 300

gggaccaggg tggagatcaa a 321

<210> 9242
<211> 352
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9242
gaggtgcagc tggtggagtc tgggggaggc ttggtccagc ctgggggtc cctgacactc 60

tcctgtgcag cctctggttt gaccattaga aactattgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atggaagaag atggaagtga gaaaaactat 180

gtggactctg tgaagggccg attcatcatc tccagagacg acgccaagaa ctcactatat 240

ctacaaatga acagcctgag agccgaggac acggctgtat attactgtac gagagatccc 300

ggtcccgggg atttttcgtg gggccaggga accgtggtaa ccgtctcctc ag 352

<210> 9243
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9243
gaaattgtgt tgacgcagtc tccaggcacc ctgtctttgt ctccagggga aagagccacc 60

ctctcctgca gggccagtga gagtgtcagt agtaactact tagcctggta ccagcagaag 120

cctggccagg ctcccaggct cctcatctac gatgcatcca gcagggccac tggcatccca 180

gacaggttca gtggcagtgg gtctgggaca gacttcactc tcaccatcag caaactggag 240

cctgaagatt ttgcagtata ttactgtcag cagtatgctc gggccccgga caccttcgcc 300

caagggacac gactggagat taaac 325

<210> 9244
<211> 376
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9244
caggtgcagc tacagcagtg gggcgcagga ctcttgaagc ctgcggagac cctgtccctc 60

acctgcgctg tccatggtgg gtccttcact gattcctact ggagttggat ccgccagacc 120

cccgggcagg gactggagtg gcttggggaa gtcaatcata gtggaagcac caactacagc 180

ccgtccctca agactcgagt cgccatatca atagacacgt ccaagaacca ggtctccctc 240

aggctgacct ctgtgagcgc cgcggacacg gctgtctatt attgtgcgag aggaatggcc 300

gttcgggggga gacagctcta cttactcggg ggctatgacc tctggggcca gggaaccctg 360

gtcaccgtct cctcag 376

<210> 9245
<211> 319
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9245
gaagttgtga tgacgcagtc tccagccacc ctgtctgtgt ctccagggga aagagccacc 60

ctctcctgca gggccagtca gagtgtctac atcaacttag cctggtacca gcagaaacct 120

ggccagcctc ccaggctcct catctatggt gcatccacca gggccactgg tatcccagcc 180

aggttcagtg gcagtgggtc tgggacagag ttcactctca ccatcagcag cctggagtct 240

gaagattttg gaacttatta ctgtcagcag tataatcact ggcggacgtt cggccaaggg 300

accaaggtgg aaatcaaac 319

<210> 9246

<211> 355
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9246
tcccagctgc tgcaggagtc gggcccagga ctcgtgaagc cttcggagac cctgtccctc 60

acgtgcactg tatttggtga ctccatctat ggttactact ggacttggat ccggcagccc 120

ccagggaggg gactggagtg gattgggtct gtctatcaca gtggcagcac caactacaac 180

ccctccctca tgagtcgagt caccatatca gtggacacgt ccgagaagca gttctccctg 240

aaggtgactt ctgtgaccgg tgcggacacg gccgtatatt tttgtgcgag agggctggct 300

ggcgggggtt attttgacgc ctggggccag ggaaacctgg tcgccgtctc ctcag 355

<210> 9247
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9247
gacgtccaga tgacccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc 60

atcacttgcc gggcgagtcc gggcattaac acttatttag cctggtatca gcagaagcca 120

gggcaagttc ctgacctcct gatctatggt gcatccacct tgcgatctgg ggtcccgtct 180

cggttcagtg gcagtggatc tgggacagat ttcactctca ccatcagcag cctgcagctt 240

gaagatgttg caacttatta ctgtcaggct tattacgttg gcctcggtac tttcggccaa 300

gggaccaagg tggaaatcaa ac 322

<210> 9248
<211> 358
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9248
gaggtgcaac tggtggagtc tgggggagga gtggtacggc ctggggagtc cctgagactc 60

tcctgtgtag gctctggatt ccccttttggt ggctatggca tgagttgggt ccgccaagtt 120

ccagggaagg ggctggagtg ggtctctgga attaattgga gtgctgatcg aagagtttat 180

gcagactttg tgaagggccg attcaccatc tccagagact accccaagaa gtctgtgtcc 240

ttgcaaatgg acaatctcag agccgaggac acggccctct attattgtgc gagagagcgg 300

acctctcgcc gtgactttga cttctggggc cagggaaccc tggtcaccgt ctcctcag 358

<210> 9249
<211> 324
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9249
tcctttgtgc tgactcagcc accctcagtg tcagtggctc caggacagac ggccaggatt 60

ccctgtgcga aaaattatcg tggaagtcag actgtgcact ggtaccagcg gaagccaggc 120

caggcccctg tcttggtcat caattctgat gacgaccggc cctcagggat ctctgagcga 180

ttctctggct ccaactctgg gaacacggcc accctgacca tcagcagggt cgaagccggg 240

gatgaggccg actattattg tcaggtgtgg gatcccagtt ctgatcaagc gctattcgcc 300

ggagggacca cgctgaccgt ccta 324

<210> 9250
<211> 364
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9250
gaggtgcagc tggtggactc tgggggaggc ttggtccagc ctgggggGtc cctgagactc 60

tcctgtgcag cctctggatt cacctttact agttattgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac ataaagcaag atggaagtga gaaagactat 180

gtggactctg tgaagggacg attcaccatc tccagagaca acgccaagaa ctcactgtat 240

ctgcaaatga gcagcctgag agccgaggac acggctgtgt attactgtgc gagagatctc 300

ggcagtggct cgtaccacct ctttgactac tggggccagg gaaccctggt caccgtctcc 360

tcag 364

<210> 9251
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9251
tcctatgagc tgacacagcc accctcagtg tcagtgtccc caggacagac ggccaggatc 60

atctgctctg gagatgcatt gccaaagcaa aatgcttatt ggtaccagaa gaagccaggc 120

caggcccctg tgttggtgat atttaaagac agtgagaggc cctcaggcat ccctcagcga 180

ttctctggct ccagctcggg gacaacagtc acgttgacca tcagtggagt ccaggcagaa 240

gacgaggctg actattactg tcaatcagca gacagcagtg gtacttatgt ggtattcggc 300

ggagggacca agctgaccgt cctag 325

<210> 9252
<211> 378
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9252
caggtgcagc tggtacaatc tgggtctgaa ttgaagaagc ctggggcctc agtgaaggtt 60

tcctgcaaga cttctggata caccttcact agttatgcta taaattgggt gcgacaggcc 120

cctggacaag ggcttgagtg gatcggatgg atcaacatca acactgggaa cccaacgtat 180

gcccagggct tcacaggacg ggttgacttc tccttggaca cctctgtcag cacggcatat 240

ctgcagatca gaagcctaaa ggctgaggac actgctgtgt attactgtgc gagagatcgg 300

ggtatagcag ctcgtcgggg atactactac tacggtatgg acgtctgggg ccaagggacc 360

acggtcaccg tctcctca 378

<210> 9253
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9253
gacatccaga tgacccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc 60

atcacttgcc gggcaagtca gagcattacc acctatttaa attggtatca gcagaaagca 120

gggaaagccc ctaacctcct gatctatgct ccatccaatt tgcaaagtgg ggtcccatca 180

agattcagtg gcagtggatc tgggacagat ttcactctca ccatcagcag tctgcaacct 240

gaagattttg gaacttacta ctgtcagcag agttacagta gtccgttcac tttcggccct 300

gggaccaaag tggatatcaa ac 322

<210> 9254
<211> 358
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9254
gaggtgcaac tggtggagtc tgggggagga gtggtacggc ctggggagtc cctgagactc 60

tcctgtgtag gctctggatt ccccttttggt ggctatggca tgagttgggt ccgccaagtt 120

ccagggaagg ggctggagtg ggtctctgga attaattgga gtgctgatcg aagagtttat 180

gcagactttg tgaagggccg attcaccatc tccagagact accccaagaa gtctgtgtcc 240

ttgcaaatgg acaatctcag agccgaggac acggccctct attattgtgc gagagagcgg 300

acctctcgcc gtgactttga cttctggggc cagggaaccc tggtcaccgt ctcctcag 358

<210> 9255
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9255
tcctatgagc tgacacagcc accctcagtg tcagtgtccc caggacagac ggccaggatc 60

atctgctctg gagatgcatt gccaaagcaa aatgcttatt ggtaccagaa gaagccaggc 120

caggcccctg tgttggtgat atttaaagac agtgagaggc cctcaggcat ccctcagcga 180

ttctctggct ccagctcggg gacaacagtc acgttgacca tcagtggagt ccaggcagaa 240

gacgaggctg actattactg tcaatcagca gacagcagtg gtacttatgt ggtattcggc 300

ggagggacca agctgaccgt cctag 325

<210> 9256
<211> 364
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9256
gaggtgcagc tggtggactc tgggggaggc ttggtccagc ctgggggtc cctgagactc 60

tcctgtgcag cctctggatt cacctttact agttattgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac ataaagcaag atggaagtga gaaagactat 180

gtggactctg tgaagggacg attcaccatc tccagagaca acgccaagaa ctcactgtat 240

ctgcaaatga gcagcctgag agccgaggac acggctgtgt attactgtgc gagagatctc 300

ggcagtggct cgtaccacct ctttgactac tggggccagg gaaccctggt caccgtctcc 360

tcag 364

<210> 9257
<211> 330
<212> DNA

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9257
cagtctgtgt tgacgcagcc gccctcagtg tctgcggccc caggacagaa ggtcaccatc 60

tcctgctctg gaagcagctc caacattggg aataattatg tatcctggta ccagcagctc 120

ccaggaacag cccccaaact cctcatttat gacaataata agcgaccctc agggattcct 180

gaccgattct ctggctccaa gtctggcacg tcagccaccc tgggcatcac cggactccag 240

actggggacg aggccgatta ttactgcgga acatgggata acagcctgag tgcctgggtg 300

ttcggcggag ggaccaagct gaccgtccta 330

<210> 9258
<211> 337
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9258
caggtgcagc tgcaggagtc gggcccagga ctggtgaagc cttcggagac cctgtccctc 60

acctgcactg tctctggtgg ctccatcagt agttactact ggagctggat ccggcagccc 120

ccagggaagg gactggagta cattggctat atctattaca gtgggagcac caactacaac 180

ccctccctca agagtcgagt caccatatca gtagacacgt ccaagaacca gttatccctg 240

aagctgaggt ctgtgaccgc tgcggacacg gccgtgtatt actgtgcgag ggggtttgac 300

tattggggcc agggaaccct ggtcaccgtc tcctcag 337

<210> 9259
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9259

gaaattgtgt tgacacagtc tccagccacc ctgtctttgt ctccagggga aagagccacc 60

ctctcctgca gggccagtca gagtgttagc agctacttag cctggtacca acagaaacct 120

ggccaggctc ccaggctcct catttttgat gcatccaaca gggccactgg catcccagcc 180

aggttcagtg gcagtgggtc tgggacagac ttcactctca ccatcagcag cctagagcct 240

gaagattttg cagtttattt ctgtcagcag cgtagcagct ggcaggggat cactttcggc 300

ggagggacca aggtggagat caaac 325

<210> 9260
<211> 373
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9260
caggtgcagc tggtgcaatc tgggtctgag ttgaagaagc ctggggcctc agttaagatt 60

tcctgcaaga cttctggata caatttcact aatcatccta taaattgggt gcgacaggcc 120

cctggacaag ggcttgagtg gatgggatgg atcaacacca acactgggaa cccaacgtat 180

ggccaggcct tcacaggacg atttgtcttc tcctttgaca cctctgtcgg cacggcatat 240

ctgcacatca gcggcctgca gcctggagac actgccttct attactgtgt gagagaggac 300

ctgagactta gacaggtgtg gtggcggtgg ttcgacccct ggggccaggg aaccctggtc 360

accgtctcct cag 373

<210> 9261
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9261
gagatccaga tgacccagtc accatcctcc ctgtctgcct ctgtaggaga cagagtcacc 60

atttcttgtc gggcaagtca gagcgtcggc ggtcatttaa attggtatca gcagaaaccg 120

gggaaagccc ctaaggtcct gatccacgct gcttccagtt tagaaggtgg ggtcccttca 180

cggttcagtg gcagtggatc tgggacagat tacactctca ccatcaccaa ccttcagcct 240

gaagattttg cgacttactt ctgccagcag agtcgcaact cccctgcgac gttcggccaa 300

gggaccaagg tggagatgaa ac 322

<210> 9262
<211> 364
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9262
caggtgcagc tggtggagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60

tcctgtgcag cctctggatt caccttcagt agctatgcta tgcactgggt ccgccaggct 120

ccaggcaagg ggctggagtg ggtggcagtt atatcatatg atggaagcaa taaatactac 180

gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacgctgtat 240

ctgcaaatga acagcctgag agctgaggac acggctgtgt attactgtgc gagaggaaaa 300

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tcag 364

<210> 9263
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9263
gacatccaga tgacccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc 60

atcacttgcc aggcgagtca ggacattagc aactatttaa attggtatca gcagaaacca 120

gggaaagccc ctaagctcct gatctacgat gcatccaatt tggaaacagg ggtcccatca 180

aggttcagtg gaagtggatc tgggacagat tttactttca ccatcagcag cctgcagcct 240

gaagatattg caacatatta ctgtcaacag tatgataatc tccctctcac tttcggccct 300

gggaccaaag tggatatcaa ac 322

<210> 9264
<211> 355
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9264
tcccagctgc tgcaggagtc gggcccagga ctcgtgaagc cttcggagac cctgtccctc 60

acgtgcactg tatttggtga ctccatctat ggttactact ggacttggat ccggcagccc 120

ccagggaggg gactggagtg gattgggtct gtctatcaca gtggcagcac caactacaac 180

ccctccctca tgagtcgagt caccatatca gtggacacgt ccgagaagca gttctccctg 240

aaggtgactt ctgtgaccgg tgcggacacg gccgtatatt tttgtgcgag agggctggct 300

ggcgggggtt attttgacgc ctggggccag ggaaacctgg tcgccgtctc ctcag 355

<210> 9265
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9265
tcctatgagc tgacacagcc accctcagtg tcagtgtccc caggacagac ggccaggatc 60

atctgctctg gagatgcatt gccaaagcaa aatgcttatt ggtaccagaa gaagccaggc 120

caggcccctg tgttggtgat atttaaagac agtgagaggc cctcaggcat ccctcagcga 180

ttctctggct ccagctcggg gacaacagtc acgttgacca tcagtggagt ccaggcagaa 240

gacgaggctg actattactg tcaatcagca gacagcagtg gtacttatgt ggtattcggc 300

ggagggacca agctgaccgt cctag 325

<210> 9266

<211> 382
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9266
caggtgcagc tggagcagtc tggggctgag gtgaagaggc ctgggtcttc ggtgaaggtc 60

tcctgcaagg gtgatgggga cacattcagc acatatgcca tcacctgggt gcgacaggcc 120

cctggacaag ggcttgagtg gatggggagg atcatccctg gccttgacct ggtggataat 180

caacagaagt ttcaggacag actgacaatt accgcggaca aatccacgac cacagcctac 240

atggagctga gaagcctcag atctgaagac acggccgtat attattgtgc gagaggtaga 300

cgttacgatt ttttggatgg tcaatatacg tcatggtact tcgacatttg gggccgtggc 360

accctggtca ctgtctcctc ag 382

<210> 9267
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9267
gaaatagtgt tgacgcagtc tccagccacc ctgtctgtgt ctccagggga aagggtcacc 60

ctctcctgca gggccagtca gactgtaaac aacaacttaa actggctcca gcacaaaccg 120

ggccaggctc ccaggctcgt catcattggt acatctacca gggcctctgg tgtcccagcc 180

aggttcagtg gcagtgggtc ggggacagag ttcactctca ccatcagcag cctgcagtct 240

gaggattatg caatttatta ctgtcaacag tattatgagt ggcctccgat cacctacggc 300

caagggacac gactggagat ta 322

<210> 9268
<211> 366
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9268
gaggtccagc tggtacagtc tggggctgag gtgaagaagc ctggggctac agtgaaaatc 60

tcctgcaagg tttctggata caccttcacc gactactaca tgcactgggt gcaacaggcc 120

cctggaaaag ggcttgagtg gatgggactt gttgatcctg aagatggtga aacaatatac 180

gcagagaagt tccagggcag agtcaccata accgcggaca cgtctacaga cacagcctac 240

atggagctga gcagcctgag atctgaggac acggccgtgt attactgtgc aacagtgtcc 300

aggtggtact actactacta cggtatggac gtctggggcc aagggaccac ggtcaccgtc 360

tcctca 366

<210> 9269
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9269
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ctctcctgca gggccagtca gagtgttagc agcagctact tagcctggta ccagcagaaa 120

cctggccagg ctcccaggct cctcatctat ggtgcatcca gcagggccac tggcatccca 180

gacaggttca gtggcagtgg gtctgggaca gacttcactc tcaccatcag cagactggag 240

cctgaagatt ttgcagtgta ttactgtcag cagtatggta gctcttacac ttttggccag 300

gggaccaagc tggagatcaa ac 322

<210> 9270
<211> 359
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9270

caggtgcagc tggtggagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60

tcgtgtgcag cctctggttt taacctcagc aactatgcta tgcactgggt ccgccaggca 120

tcaggcaagg ggctggagtg ggtgtcactt atatcatacg atggaagtat taaatattac 180

acagactccg tgaagggccg attcaccgtc tccggggaca attccaagaa cacactgttt 240

ctgcaaatga acagcctgcg acctgacgac tcggctcttt attactgtgt gaggggcggt 300

gtcagtggcc caaattcttt tgatatgtgg ggccaaggga caacggtcac cgtctcttc 359

<210> 9271
<211> 337
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9271
gatgttgtga tgactcagtc tccactctcc ctgcccgtca cccttggaca gccggcctcc 60

atctcctgca ggtctagtca aagcctcgta tacagtgatg gaaacaccta cgtgaattgg 120

tttcagcaga ggccaggcca atctccaagg cgcctaatct atcaggtttc tatccgggcc 180

tctggggtcc cagacagatt cagcggcagt gggtcaggca ctgatttcgc actgaaaatc 240

agcagggtgg aggctgagga tgttgggatt tattattgca tgcaaggtac acactggccg 300

gtgacgttcg gccaagggac caaggtggaa atcaaac 337

<210> 9272
<211> 375
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9272
gaggtgcagt tgttggagtc gggggggaggc ttggtgcagc ctgggggggtc cctgagactc 60

tcctgtgcag cctctggatt cgtctttagc gactattcca tgaattgggt ccgcctggct 120

ccaggaaagg ggctggcgtg ggtctctgtt gttggtgttg atgccgtcac caaattctat 180

gaagactccg tgaagggccg gttcaccatt tccagagaca actccaagaa cacgatatat 240

ctgcaaatga acaacctgag agccgaagac acggccgtat atcactgtgc gaaaagtcag 300

ccggtgtctc gcatgggtcg cttcttcgtc ggtttggacg tctggggcca agggaccacg 360

gtcaccgtct cctca 375

<210> 9273
<211> 331
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9273
cagtctgccc tgactcagcc tccctccgcg tccgggtctc ctggacagtc agtcaccatc 60

tcctgcactg gaagcagcaa tgacgtcggt cgttataact atgtctcatg gtaccaacat 120

cacccaggca aagcccccag actcatgatt tctgaggtcg ttaagcggcc ctcaggggtc 180

cctgatcgct tctctggctc caagtctggc aacacggcct ccctgaccgt ctctggactc 240

caggctgaag atgaggctga ttattactgc agctcatatg gaggcaacaa cattttacta 300

ttcggcggag ggaccaagct gaccgtccta g 331

<210> 9274
<211> 355
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9274
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tcctgtgcag cctctggatt caccttcatt agctatacta tgcactgggt ccgccaggct 120

ccaggcaagg ggctggagtg ggtggcactt atatcatatg atggatacaa taagtactat 180

gcagactccg tgaagggccg atttaccatc tccagagaca attccaagaa cacgctgtat 240

gtgcaaatga acagcctgag agctgaggac acggctctgt attactgtgc gagagaaggg 300

agcccggagg cctttgacta ctggggccag ggaaccctgg tcaccgtctc ctcag 355

<210> 9275
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9275
tcctatgagc tgacacagcc accctcagtg tcagtgtccc caggacagac ggccaggatc 60

atctgctctg gagatgcatt gccaaagcaa aatgcttatt ggtaccagaa gaagccaggc 120

caggcccctg tgttggtgat atttaaagac agtgagaggc cctcaggcat ccctcagcga 180

ttctctggct ccagctcggg gacaacagtc acgttgacca tcagtggagt ccaggcagaa 240

gacgaggctg actattactg tcaatcagca gacagcagtg gtacttatgt ggtattcggc 300

ggagggacca agctgaccgt cctag 325

<210> 9276
<211> 352
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9276
gagatgcagc tggtggagtc cgggggaggc ttagttcagc cgggggggtc cctgagactc 60

tcctgtgcag cctctggatt caccttcagt gactactaca tgtactgggt ccgccaagct 120

ccagggaagg ggctggtgtg ggtctcacgt attaagcctg atgggactgg cacaagttac 180

gcggactccg tgaggggccg attcaccgtc tccagagaca acgccaagaa cacgctgaat 240

ctgcaaatga acagtctgag agccgaggac acggctgtgt attattgtgt ggcctacaac 300

tggaactacg acttctgctg gggccaggga accctggtaa ccgtctccgc ag 352

<210> 9277
<211> 337
<212> DNA

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9277
gatgttactg tgactcagtc tccactctcc ctgcccgtca cccttggaca gccggcctcc 60

atctcctgca ggtctagtca aagcctcgta tacagtgatg gaaacaccta cttgaattgg 120

tttcagcaga ggccaggcca atctccaagg cgcctaattt atcaggtttc taaccgggac 180

tctggggtcc cagacagatt cagcggcagt gggtcaggca ctgatttcac actgacaatt 240

agcagggtgg aggctgaaga tgttggggtt tattactgca tgcaaggttc atactggcca 300

ttcactttcg gccctgggac caaagtggat atcaaac 337

<210> 9278
<211> 376
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9278
gaggtgcaat tggtggagtc tgggggaggc ttggtccagc cgggggggtc cctgaggctc 60

tcctgttcag cctctggatt cagttacagt aattattgga tgacttgggt ccgacaggct 120

ccagggaagg ggctggagtg ggtggccaac ctaagacgag atggaagtgt ggagcactat 180

gtggactctg tgaggggccg attcaccatc tccagagaca acgccaagaa ctccctgtat 240

ctacaaatgg acagcctgag agccgaggac acggctgtgt attactgtgc gagagattta 300

agtcccggcg gtttgggggc ctattacgat gtttttgata tctggggcca agggacaatg 360

gtcaccgtct cttcag 376

<210> 9279
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9279
gccatccaga tgacccagtc tccatcctcc ctgtctgcat ctttgggaga cagaatctcc 60

atcacttgcc gggcaagtca gggcattgga aatgagttgg gctggtatca gcagaaacca 120

ggtaaagccc ctagactcct catctatgct ggttccactt tacaaggtgg agtcccacca 180

aggttcagcg gctctggatc tggcacagat ttcactctca ccataagcag cctgcaggct 240

gaagattttg caacatatta ttgtctgcaa gattacgcct accctcggac gttcggccca 300

gggaccaagg tggaagtcaa ac 322

<210> 9280
<211> 375
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9280
gaggtgcagt tgttggagtc ggggggaggc ttggtgcagc ctgggggGtc cctgagactc 60

tcctgtgcag cctctggatt cgtctttagc gactattcca tgaattgggt ccgcctggct 120

ccaggaaagg ggctggcgtg ggtctctgtt gttggtgttg atgccgtcac caaattctat 180

gaagactccg tgaagggccg gttcaccatt tccagagaca actccaagaa cacgatatat 240

ctgcaaatga acaacctgag agccgaagac acggccgtat atcactgtgc gaaaagtcag 300

ccggtgtctc gcatgggtcg cttcttcgtc ggtttggacg tctggggcca agggaccacg 360

gtcaccgtct cctca 375

<210> 9281
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9281
gaaattgtgt tgacgcagtc tccaggcacc ctgtctttgt ctccagggga aagagccacc 60

ctctcctgca gggccagtca gagtgttagc agcagctact tagcctggta ccagcagaaa 120

cctggccagg ctcccaggct cctcatctat ggtgcatcca gcagggccac tggcatccca 180

gacaggttca gtggcagtgg gtctgggaca gacttcactc tcaccatcag cagactggag 240

cctgaagatt ttgcagtgta ttactgtcag cagtatggta gctcttacac ttttggccag 300

gggaccaagc tggagatcaa ac 322

<210> 9282
<211> 367
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9282
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tcctgtgcag cctctggatt cacctttagc agctatgcca tgagctgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtctcagct attagtggta gtggtggtag cacatactac 180

gcagactccg tgaagggccg gttcaccatc tccagagaca attccaagaa cacgctgtat 240

ctgcaaatga acagcctgag agccgaggac acggccgtat attactgtgc gaaagatcaa 300

cacatggttc ggggagctat aggctttgac tactggggcc agggaaccct ggtcaccgtc 360

tcctcag 367

<210> 9283
<211> 319
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9283
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ctctcctgca gggccagtca gagtgttagc agcaacttag cctggtacca gcagaaacct 120

ggccaggctc ccaggctcct catctatggt gcatccacca gggccactgg tatcccagcc 180

aggttcagtg gcagtgggtc tgggacagag ttcactctca ccatcagcag cctgcagtct 240

gaagattttg cagtttatta ctgtcagcag tataataact ggcggacgtt cggccaaggg 300

accaaggtgg aaatcaaac 319

<210> 9284
<211> 361
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9284
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tcctgtgcag cctctggatt catctttagt aacttttgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atacagcaag atggaagtga gaaatactat 180

gtggactctg tgaagggccg attcaccatc tccacagacc tcgccaagaa ctcactgtat 240

ctgcaaatga acagcctgag agccgaagac acggctgtgt attactgtgc gagacaacac 300

ggtgactacg actggtactt tgactactgg ggccagggaa ccctggtcac cgtctcctca 360

g 361

<210> 9285
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9285
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atcacttgtc gggcgagtca gggtattaac agctggttag cctggtatca gcagaaacca 120

gggaaagccc ctaagctcct gatctatgct gcatccagtt tgcaaagtgg ggtcccatca 180

aggttcagcg gcagtggatc tgggacagat ttcactctca ctatcagcag cctgcagcct 240

gaagattttg caacttacta ttgtcaacag gctcacagtt tcccaatcac cttcggccaa 300

gggacacgac tggagattaa ac 322

<210> 9286
<211> 375
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9286
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tcctgtgcag cctctggatt cgtctttagc gactattcca tgaattgggt ccgcctggct 120

ccaggaaagg ggctggcgtg ggtctctgtt gttggtgttg atgccgtcac caaattctat 180

gaagactccg tgaagggccg gttcaccatt tccagagaca actccaagaa cacgatatat 240

ctgcaaatga acaacctgag agccgaagac acggccgtat atcactgtgc gaaaagtcag 300

ccggtgtctc gcatgggtcg cttcttcgtc ggtttggacg tctggggcca agggaccacg 360

gtcaccgtct cctca 375

<210> 9287
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9287
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atctgctctg gagatgcatt gccaaagcaa aatgcttatt ggtaccagaa gaagccaggc 120

caggcccctg tgttggtgat atttaaagac agtgagaggc cctcaggcat ccctcagcga 180

ttctctggct ccagctcggg gacaacagtc acgttgacca tcagtggagt ccaggcagaa 240

gacgaggctg actattactg tcaatcagca gacagcagtg gtacttatgt ggtattcggc 300

ggagggacca agctgaccgt cctag 325

<210> 9288

<211> 354
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9288
caggtgcaac tggtacaatc cgggggaggc gtggtccagc ctgggaggtc cctgagactc 60

tcctgtacag cctctggatt caccttcagt aattatgcta tgcactgggt ccgccaggcc 120

ccaggcaagg ggctggagtg gggggcagtt atatcatatg acggaactat tacactctat 180

gaagactcca tgaggggccg cttcaccatc tccagagaca attccaggga caccctgtat 240

ctgcaaatga atagtctgcg acctgatgac acggctgtat attactgtgg gagagacctc 300

tctgggggg gtttggacgt ctggggccaa gggaccacgg tcaccgtctc ctca 354

<210> 9289
<211> 329
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9289
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tcctgcactg gaagcagcaa tgatgttggt ggtcataact atgtctcctg gtaccagcat 120

agcccaggca aagcccccaa actcattatt tatgatgtca ctaaacggcc ctctggggtc 180

cctgatcgct tctccggctc caagtctggc gacacggcct ccctgaccat ctctgggctc 240

caggctgacg atgaaggtga ttattactgc tgctcatata agagtactta cgactatgtc 300

ttcggaagtg ggaccacggt ctccgtcct 329

<210> 9290
<211> 364
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9290
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tcctgtgcag cctctggatt caccttcagt atctatgcta tccactgggt ccgccaggct 120

ccaggcaagg ggctggagtg gatggcagtt atatcatatg atggaaataa tcaatactac 180

gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacgctgtat 240

ctgcaaatga acagcctgag aactgacgac acggctgtct attactgtgc gaggagcgag 300

ggaggggttt accatgatgc ttttgatatc tggggccaag ggacaatggt caccgtctct 360

tcag 364

<210> 9291
<211> 334
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9291
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acctgcactc tgagcagtgg gcacagcagc tacgccatcg cgtggcatca gcagcagcca 120

gagaagggcc ctcggtactt gatgaagctt aacagtgatg gcagccacaa caagggggac 180

gggatccctg atcgcttctc aggctccagc tctggggctg agcgctacct caccatctcc 240

agcctccagt ctgaggatga ggctgactat ttctgtcaga cctggggcac tggcattcac 300

gtgttcggcg gagggaccaa gctgaccgtc ctag 334

<210> 9292
<211> 355
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9292
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tcctgtgcag cctctggatt caccttcatt agctatacta tgcactgggt ccgccaggct 120

ccaggcaagg ggctggagtg ggtggcactt atatcatatg atggatacaa taagtactat 180

gcagactccg tgaagggccg atttaccatc tccagagaca attccaagaa cacgctgtat 240

gtgcaaatga acagcctgag agctgaggac acggctctgt attactgtgc gagagaaggg 300

agcccggagg cctttgacta ctggggccag ggaaccctgg tcaccgtctc ctcag 355

<210> 9293
<211> 328
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9293
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acctgctctg gagatgcatt gtcaaagcaa tttacttatt ggtaccagca gaagccaggc 120

caggcccctg tgttggtgat ttataaagac agtgagcggc cctcagggat ccctgagcga 180

ttctctggct ccagctcagg gacaacagtc acgttgacca tcagtggagt ccaggcagaa 240

gacgaggctg actattactg tcaatcagca cacagcagtg gtttttatcg tgtggtattc 300

ggcggaggga ccaagctgac cgtcctag 328

<210> 9294
<211> 373
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9294
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tcctgtgcag cctctggatt cacctttagc agctatgccg tgtactgggt ccgccaggct 120

ccagggaagg ggctggagtg cgtctcattt attagtggtg gtggtgaaac cacagactac 180

gcagactccg tgaagggccg gttcaccatc tccagagaca attccaagaa cacgttgtat 240

ctgcaaatga acggcctgag agccgaggac acggccgtat attactgtgc gaaatccccg 300

gacgcaacat ttctgtggtt cggggagccc ttcggctact ggggccaggg aaccctggtc 360

accgtctcct cag 373

<210> 9295
<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9295
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ctctcctgca gggccagtca gactgtaaac aacaacttaa actggctcca gcacaaaccg 120

ggccaggctc ccaggctcgt catcattggt acatctacca gggcctctgg tgtcccagcc 180

aggttcagtg gcagtgggtc ggggacagag ttcactctca ccatcagcag cctgcagtct 240

gaggattatg caatttatta ctgtcaacag tattatgagt ggcctccgat cacctacggc 300

caagggacac gactggagat ta 322

<210> 9296
<211> 382
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9296
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tcctgcaagg gtgatgggga cacattcagc acatatgcca tcacctgggt gcgacaggcc 120

cctggacaag ggcttgagtg gatggggagg atcatccctg gccttgacct ggtggataat 180

caacagaagt ttcaggacag actgacaatt accgcggaca aatccacgac cacagcctac 240

atggagctga gaagcctcag atctgaagac acggccgtat attattgtgc gagaggtaga 300

cgttacgatt ttttggatgg tcaatatacg tcatggtact tcgacatttg gggccgtggc 360

accctggtca ctgtctcctc ag 382

<210> 9297
<211> 340
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9297
gagatcgtga tgacccagtc tccagactcc ctgactgtgt ctctgggcga gagggccacc 60

atcagctgca agtccagcca gagtctttta tacagttcca acaataggga ctacttagct 120

tggtaccaac agaaagcagg tcagcctcct aagttgctct tttactgggc atctacccgg 180

gaatccgggg tccctgaccg attcggtggc agcgggtctg ggacacattt cactctcacc 240

atctacaacc tgcagcctga agatgtggca gtttatttct gtcagcagta ttttagtcct 300

ccgtatactt ttggccaggg gaccaagctg gagatcaaac 340

<210> 9298
<211> 361
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9298
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tcctgtgcag cctctggatt catctttagt aacttttgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atacagcaag atggaagtga gaaatactat 180

gtggactctg tgaagggccg attcaccatc tccacagacc tcgccaagaa ctcactgtat 240

ctgcaaatga acagcctgag agccgaagac acggctgtgt attactgtgc gagacaacac 300

ggtgactacg actggtactt tgactactgg ggccagggaa ccctggtcac cgtctcctca 360

g 361

<210> 9299

<211> 322
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9299
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ctctcctgca gggccagtca gagtgttagc agcagctact tagcctggta ccagcagaaa 120

cctggccagg ctcccaggct cctcatctat ggtgcatcca gcagggccac tggcatccca 180

gacaggttca gtggcagtgg gtctgggaca gacttcactc tcaccatcag cagactggag 240

cctgaagatt ttgcagtgta ttactgtcag cagtatggta gctcttacac ttttggccag 300

gggaccaagc tggagatcaa ac 322

<210> 9300
<211> 352
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9300
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tcctgtgcag cctctggttt gaccattaga aactattgga tgaactgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtggccaac atggaagaag atggaagtga gaaaaactat 180

gtggactctg tgaagggccg attcatcatc tccagagacg acgccaagaa ctcactatat 240

ctacaaatga acagcctgag agccgaggac acggctgtat attactgtac gagagatccc 300

ggtcccgggg atttttcgtg gggccaggga accgtggtaa ccgtctcctc ag 352

<210> 9301
<211> 325
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9301
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atctgctctg gagatgcatt gccaaagcaa aatgcttatt ggtaccagaa gaagccaggc 120

caggcccctg tgttggtgat atttaaagac agtgagaggc cctcaggcat ccctcagcga 180

ttctctggct ccagctcggg gacaacagtc acgttgacca tcagtggagt ccaggcagaa 240

gacgaggctg actattactg tcaatcagca gacagcagtg gtacttatgt ggtattcggc 300

ggagggacca agctgaccgt cctag 325

<210> 9302
<211> 118
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9302

Gln Val Gln Leu Val Gln Ser Gly Ser Glu Leu Gln Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Asn Thr Phe Pro Thr Tyr
20 25 30

Asp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Trp Ile Asn Thr Asn Thr Gly Ser Pro Thr Tyr Ala Gln Gly Leu
50 55 60

Pro Gly Arg Phe Val Phe Ser Leu Asp Thr Ser Val Ser Thr Ala Tyr
65 70 75 80

Leu Glu Ile Ser Ser Leu Lys Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Gly Tyr His Tyr Gly Met Asp Val Trp Gly Gln Gly Thr

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            100                 105                 110


Thr Val Thr Val Ser Ser
        115


<210>  9303
<211>  107
<212>  PRT
<213>  Artificial sequence

<220>
<223>  Synthetic antibody

<400>  9303

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1               5                   10                  15


Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Asp Ile Asn Asn Tyr
            20                  25                  30


Leu Ala Trp Phe Gln Gln Lys Pro Gly Lys Ala Pro Lys Ser Leu Ile
        35                  40                  45


Tyr Ser Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
    50                  55                  60


Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65                  70                  75                  80


Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Arg Ser Tyr Pro Arg
                85                  90                  95


Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys
            100                 105


<210>  9304
<211>  119
<212>  PRT
<213>  Artificial sequence
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<220>
<223> Synthetic antibody

<400> 9304

Gln Ala His Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ser
1   5   10   15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Gly Thr Phe Asn Ser His
            20   25   30

Ala Ile Gly Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
        35   40   45

Gly Arg Ile Val Pro Ile Arg Lys Thr Thr Thr Tyr Ala Pro Gln Leu
    50   55   60

Gln Gly Arg Leu Thr Leu Thr Ala Asp Thr Ser Thr Ser Thr Leu Tyr
65   70   75   80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Ser Ala Arg Tyr Tyr Cys
                85   90   95

Ala Arg Val Ile Leu Ser Gly Arg Gly Phe Asp Ile Trp Gly Gln Gly
            100   105   110

Ser Leu Val Ala Val Ser Ser
        115

<210> 9305
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9305

Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
1   5   10   15

```
Thr Ala Arg Ile Ile Cys Ser Gly Asp Ala Leu Pro Lys Gln Asn Ala
            20                  25                  30

Tyr Trp Tyr Gln Lys Lys Pro Gly Gln Ala Pro Val Leu Val Ile Phe
        35                  40                  45

Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Gln Arg Phe Ser Gly Ser
    50                  55                  60

Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65                  70                  75                  80

Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Thr Tyr
                85                  90                  95

Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100                 105
```

<210> 9306
<211> 120
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9306

```
Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1               5                   10                  15

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

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45

Ala Asn Ile Gln Gln Asp Gly Ser Glu Lys Tyr Tyr Val Asp Ser Val
    50                  55                  60
```

```
Lys Gly Arg Phe Thr Ile Ser Thr Asp Leu Ala Lys Asn Ser Leu Tyr
65                  70                  75                  80


Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95


Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr Trp Gly Gln
            100                 105                 110


Gly Thr Leu Val Thr Val Ser Ser
        115                 120


<210>  9307
<211>  108
<212>  PRT
<213>  Artificial sequence

<220>
<223>  Synthetic antibody

<400>  9307

Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
1               5                   10                  15


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


Tyr Trp Tyr Gln Lys Lys Pro Gly Gln Ala Pro Val Leu Val Ile Phe
        35                  40                  45


Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Gln Arg Phe Ser Gly Ser
    50                  55                  60


Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65                  70                  75                  80


Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Thr Tyr
                85                  90                  95
```

Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 9308
<211> 120
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9308

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

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

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Asn Ile Gln Gln Asp Gly Ser Glu Lys Tyr Tyr Val Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Thr Asp Leu Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 9309
<211> 107
<212> PRT

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9309

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


Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Asp Ile Asn Asn Tyr
            20                  25                  30


Leu Ala Trp Phe Gln Gln Lys Pro Gly Lys Ala Pro Lys Ser Leu Ile
        35                  40                  45


Tyr Ser Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
    50                  55                  60


Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65                  70                  75                  80


Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Arg Ser Tyr Pro Arg
                85                  90                  95


Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys
            100                 105
```

<210> 9310
<211> 124
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9310

```
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1               5                   10                  15


Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
```

```
            20                  25                  30

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

Ser Phe Ile Ser Gly Gly Gly Glu Thr Thr Asp Tyr Ala Asp Ser Val
    50                  55                  60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65                  70                  75                  80

Leu Gln Met Asn Gly Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95

Ala Lys Ser Pro Asp Ala Thr Phe Leu Trp Phe Gly Glu Pro Phe Gly
            100                 105                 110

Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
        115                 120


<210>  9311
<211>  108
<212>  PRT
<213>  Artificial sequence

<220>
<223>  Synthetic antibody

<400>  9311

Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
1               5                   10                  15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Glu Ser Val Ser Ser Asn
            20                  25                  30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
        35                  40                  45

Ile Tyr Asp Ala Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
```

50 55 60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Lys Leu Glu
65 70 75 80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Ala Arg Ala Pro
85 90 95

Asp Thr Phe Ala Gln Gly Thr Arg Leu Glu Ile Lys
100 105

<210> 9312
<211> 121
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9312

Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Pro Asn Pro Met Val Leu Ala Tyr Phe Asp Tyr Trp Gly

100 105 110

Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 9313
<211> 110
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9313

Gln Thr Val Val Thr Gln Glu Pro Ser Phe Ser Val Ser Pro Gly Gly
1 5 10 15

Thr Val Thr Leu Thr Cys Gly Leu Ser Ser Gly Ser Val Ser Thr Ser
20 25 30

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

Leu Ile Tyr Ser Thr Asn Thr Arg Ser Ser Gly Val Pro Asp Arg Phe
50 55 60

Ser Gly Ser Ile Leu Gly Asn Lys Ala Ala Leu Thr Ile Thr Gly Ala
65 70 75 80

Gln Ala Asp Asp Glu Ser Asp Tyr Tyr Cys Val Leu Tyr Met Gly Ser
85 90 95

Gly Ile Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105 110

<210> 9314
<211> 124
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9314

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1   5   10   15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
            20   25   30

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

Ser Phe Ile Ser Gly Gly Gly Glu Thr Thr Asp Tyr Ala Asp Ser Val
    50   55   60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65   70   75   80

Leu Gln Met Asn Gly Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85   90   95

Ala Lys Ser Pro Asp Ala Thr Phe Leu Trp Phe Gly Glu Pro Phe Gly
            100   105   110

Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
        115   120

<210> 9315
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9315

Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
1   5   10   15

```
Thr Ala Arg Ile Ile Cys Ser Gly Asp Ala Leu Pro Lys Gln Asn Ala
            20                  25                  30

Tyr Trp Tyr Gln Lys Lys Pro Gly Gln Ala Pro Val Leu Val Ile Phe
        35                  40                  45

Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Gln Arg Phe Ser Gly Ser
    50                  55                  60

Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65                  70                  75                  80

Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Thr Tyr
                85                  90                  95

Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100                 105
```

<210> 9316
<211> 120
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9316

```
Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1               5                   10                  15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asn Leu Ser Asn Tyr
            20                  25                  30

Ala Met His Trp Val Arg Gln Ala Ser Gly Lys Gly Leu Glu Trp Val
        35                  40                  45

Ser Leu Ile Ser Tyr Asp Gly Ser Ile Lys Tyr Tyr Thr Asp Ser Val
    50                  55                  60
```

```
Lys Gly Arg Phe Thr Val Ser Gly Asp Asn Ser Lys Asn Thr Leu Phe
65                  70                  75                  80


Leu Gln Met Asn Ser Leu Arg Pro Asp Asp Ser Ala Leu Tyr Tyr Cys
                85                  90                  95


Val Arg Gly Gly Val Ser Gly Pro Asn Ser Phe Asp Met Trp Gly Gln
            100                 105                 110


Gly Thr Thr Val Thr Val Ser Ser
        115                 120
```

<210> 9317
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9317

```
Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
1               5                   10                  15


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


Tyr Trp Tyr Gln Lys Lys Pro Gly Gln Ala Pro Val Leu Val Ile Phe
        35                  40                  45


Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Gln Arg Phe Ser Gly Ser
    50                  55                  60


Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65                  70                  75                  80


Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Thr Tyr
                85                  90                  95
```

Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 9318
<211> 117
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9318

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Thr Leu Ser Cys Ala Ala Ser Gly Leu Thr Ile Arg Asn Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Asn Met Glu Glu Asp Gly Ser Glu Lys Asn Tyr Val Asp Ser Val
50 55 60

Lys Gly Arg Phe Ile Ile Ser Arg Asp Asp Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser Trp Gly Gln Gly Thr Val
100 105 110

Val Thr Val Ser Ser
115

<210> 9319
<211> 107
<212> PRT

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9319

Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Val Ser Pro Gly
1 5 10 15

Glu Arg Val Thr Leu Ser Cys Arg Ala Ser Gln Thr Val Asn Asn Asn
20 25 30

Leu Asn Trp Leu Gln His Lys Pro Gly Gln Ala Pro Arg Leu Val Ile
35 40 45

Ile Gly Thr Ser Thr Arg Ala Ser Gly Val Pro Ala Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Ser
65 70 75 80

Glu Asp Tyr Ala Ile Tyr Tyr Cys Gln Gln Tyr Tyr Glu Trp Pro Pro
85 90 95

Ile Thr Tyr Gly Gln Gly Thr Arg Leu Glu Ile
100 105

<210> 9320
<211> 124
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9320

Gln Val Gln Leu Gln Gln Ser Gly Pro Gly Leu Val Arg Pro Ser Gly
1 5 10 15

Thr Leu Ser Leu Thr Cys Gly Val Ser Gly Gly Ser Ile Ser Ser Pro

```
            20                  25                  30

Asn Trp Trp Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
        35                  40                  45

Ile Gly Glu Val Tyr Pro Thr Gly Asn Thr Tyr Tyr Asn Pro Ser Leu
    50                  55                  60

Lys Ser Arg Val Thr Ile Ser Ile Glu Glu Ser Lys Asn Glu Phe Ser
65                  70                  75                  80

Leu Asn Leu Ser Ser Val Thr Ala Ala Asp Met Gly Ile Tyr Tyr Cys
                85                  90                  95

Ala Arg Gly Val Val Gly Ala Ser Asp Phe Tyr Tyr Tyr Gly Met Asp
            100                 105                 110

Val Trp Gly Gln Gly Thr Ala Val Thr Val Ser Ser
        115                 120
```

<210> 9321
<211> 113
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9321

```
Glu Ile Val Met Thr Gln Ser Pro Asp Ser Leu Thr Val Ser Leu Gly
1               5                   10                  15

Glu Arg Ala Thr Ile Ser Cys Lys Ser Ser Gln Ser Leu Leu Tyr Ser
            20                  25                  30

Ser Asn Asn Arg Asp Tyr Leu Ala Trp Tyr Gln Gln Lys Ala Gly Gln
        35                  40                  45

Pro Pro Lys Leu Leu Phe Tyr Trp Ala Ser Thr Arg Glu Ser Gly Val
```

```
    50                  55                  60

Pro Asp Arg Phe Gly Gly Ser Gly Ser Gly Thr His Phe Thr Leu Thr
65                  70                  75                  80

Ile Tyr Asn Leu Gln Pro Glu Asp Val Ala Val Tyr Phe Cys Gln Gln
                85                  90                  95

Tyr Phe Ser Pro Pro Tyr Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile
            100                 105                 110

Lys
```

<210> 9322
<211> 121
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9322

```
Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
1               5                   10                  15

Thr Leu Ser Leu Asn Cys Ser Val Ser Gly Asp Ser Ile Ser Arg Ser
            20                  25                  30

Asp Tyr His Trp Ser Trp Ile Arg Gln His Pro Gly Lys Gly Leu Glu
        35                  40                  45

Trp Ile Gly Tyr Ile Tyr Asn Asn Gly Asp Thr Tyr Tyr Asn Pro Ser
    50                  55                  60

Leu Lys Ser Arg Val Thr Met Ser Val Asp Thr Ser Lys Asn Glu Phe
65                  70                  75                  80

Ser Leu Lys Leu Thr Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
```

85 90 95

Cys Ala Arg Asp Gly Tyr Ala Gly Asn Ser Glu Ala Leu Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Leu Val Thr Val Ser
115 120

<210> 9323
<211> 109
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9323

Glu Ile Val Leu Thr Gln Ser Pro Ala Ser Leu Ser Leu Ser Pro Gly
1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Thr Asn Tyr
20 25 30

Leu Ala Trp Tyr Gln Gln Arg Pro Gly Gln Ala Pro Arg Leu Leu Ile
35 40 45

Tyr Gln Thr Ser Asn Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu Pro
65 70 75 80

Glu Asp Phe Ala Phe Tyr Tyr Cys Gln Gln Arg Ser His Arg Pro Gly
85 90 95

Gly Ile Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys
100 105

<210> 9324

<211> 120
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9324

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

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

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Asn Ile Gln Gln Asp Gly Ser Glu Lys Tyr Tyr Val Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Thr Asp Leu Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 9325
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9325

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


Asp Arg Val Thr Ile Thr Cys Gln Ala Ser Gln Asp Ile Ser Asn Tyr
            20                  25                  30


Leu Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
        35                  40                  45


Tyr Asp Ala Ser Asn Leu Glu Thr Gly Val Pro Ser Arg Phe Ser Gly
    50                  55                  60


Ser Gly Ser Gly Thr Asp Phe Thr Phe Thr Ile Ser Ser Leu Gln Pro
65                  70                  75                  80


Glu Asp Ile Ala Thr Tyr Tyr Cys Gln Gln Tyr Asp Asn Leu Pro Leu
                85                  90                  95


Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys
            100                 105


<210>  9326
<211>  120
<212>  PRT
<213>  Artificial sequence

<220>
<223>  Synthetic antibody

<400>  9326

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1               5                   10                  15


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


Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45
```

```
Ala Asn Ile Gln Gln Asp Gly Ser Glu Lys Tyr Tyr Val Asp Ser Val
    50                  55                  60

Lys Gly Arg Phe Thr Ile Ser Thr Asp Leu Ala Lys Asn Ser Leu Tyr
65                  70                  75                  80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr Trp Gly Gln
            100                 105                 110

Gly Thr Leu Val Thr Val Ser Ser
        115                 120
```

<210> 9327
<211> 113
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9327

```
Glu Ile Val Met Thr Gln Ser Pro Asp Ser Leu Thr Val Ser Leu Gly
1               5                   10                  15

Glu Arg Ala Thr Ile Ser Cys Lys Ser Ser Gln Ser Leu Leu Tyr Ser
            20                  25                  30

Ser Asn Asn Arg Asp Tyr Leu Ala Trp Tyr Gln Gln Lys Ala Gly Gln
        35                  40                  45

Pro Pro Lys Leu Leu Phe Tyr Trp Ala Ser Thr Arg Glu Ser Gly Val
    50                  55                  60

Pro Asp Arg Phe Gly Gly Ser Gly Ser Gly Thr His Phe Thr Leu Thr
65                  70                  75                  80
```

```
Ile Tyr Asn Leu Gln Pro Glu Asp Val Ala Val Tyr Phe Cys Gln Gln
                85                  90                  95

Tyr Phe Ser Pro Pro Tyr Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile
            100                 105                 110

Lys
```

<210> 9328
<211> 122
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9328

```
Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Lys Pro Gly Glu
1               5                   10                  15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Lys Phe Thr Phe Ser Thr Tyr
            20                  25                  30

His Met Asn Trp Ile Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45

Ser Ala Ile Ser Ala Asp Ser Thr Val Thr Thr Tyr Ala Asp Ser Val
    50                  55                  60

Arg Gly Arg Phe Ile Ile Ser Arg Asp Asn Asp Lys Asn Ser Leu Tyr
65                  70                  75                  80

Leu Gln Met Asn Gly Leu Arg Val Asp Asp Leu Ala Val Tyr Tyr Cys
                85                  90                  95

Ala Arg Gly Arg Ala Arg Gly Ser Asp His Thr Gly Phe Asp Ser Trp
            100                 105                 110
```

Gly Gln Gly Thr Leu Val Thr Val Ser Ser
        115   120

<210> 9329
<211> 113
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9329

Asp Ile Val Met Thr Gln Ser Pro Leu Ser Leu Ser Val Thr Pro Gly
1   5   10   15

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

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

Pro Gln Leu Leu Ile Tyr Leu Gly Ser Asn Arg Ala Ser Gly Val Pro
    50   55   60

Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
65   70   75   80

Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr Cys Met Gln Gly
                85   90   95

Leu Gln Thr Pro Pro Tyr Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile
            100   105   110

Lys

<210> 9330
<211> 120
<212> PRT

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9330

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

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

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Asn Ile Gln Gln Asp Gly Ser Glu Lys Tyr Tyr Val Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Thr Asp Leu Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 9331
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9331

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly

```
1               5                   10                  15

Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Thr Thr Tyr
            20                  25                  30

Leu Asn Trp Tyr Gln Gln Lys Ala Gly Lys Ala Pro Asn Leu Leu Ile
        35                  40                  45

Tyr Ala Pro Ser Asn Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
    50                  55                  60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65                  70                  75                  80

Glu Asp Phe Gly Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Ser Pro Phe
                85                  90                  95

Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys
            100                 105
```

<210> 9332
<211> 120
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9332

```
Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1               5                   10                  15

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

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45

Ala Asn Ile Gln Gln Asp Gly Ser Glu Lys Tyr Tyr Val Asp Ser Val
```

50 55 60

Lys Gly Arg Phe Thr Ile Ser Thr Asp Leu Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 9333
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9333

Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Val Ser Pro Gly
1 5 10 15

Glu Arg Val Thr Leu Ser Cys Arg Ala Ser Gln Thr Val Asn Asn Asn
20 25 30

Leu Asn Trp Leu Gln His Lys Pro Gly Gln Ala Pro Arg Leu Val Ile
35 40 45

Ile Gly Thr Ser Thr Arg Ala Ser Gly Val Pro Ala Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Ser
65 70 75 80

Glu Asp Tyr Ala Ile Tyr Tyr Cys Gln Gln Tyr Tyr Glu Trp Pro Pro

```
                85                  90                  95


Ile Thr Tyr Gly Gln Gly Thr Arg Leu Glu Ile
            100                 105


<210>  9334
<211>  124
<212>  PRT
<213>  Artificial sequence

<220>
<223>  Synthetic antibody

<400>  9334

Gln Val Gln Leu Gln Gln Ser Gly Pro Gly Leu Val Arg Pro Ser Gly
1               5                   10                  15


Thr Leu Ser Leu Thr Cys Gly Val Ser Gly Gly Ser Ile Ser Ser Pro
            20                  25                  30


Asn Trp Trp Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
        35                  40                  45


Ile Gly Glu Val Tyr Pro Thr Gly Asn Thr Tyr Tyr Asn Pro Ser Leu
    50                  55                  60


Lys Ser Arg Val Thr Ile Ser Ile Glu Glu Ser Lys Asn Glu Phe Ser
65                  70                  75                  80


Leu Asn Leu Ser Ser Val Thr Ala Ala Asp Met Gly Ile Tyr Tyr Cys
                85                  90                  95


Ala Arg Gly Val Val Gly Ala Ser Asp Phe Tyr Tyr Tyr Gly Met Asp
            100                 105                 110


Val Trp Gly Gln Gly Thr Ala Val Thr Val Ser Ser
        115                 120


<210>  9335
```

<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9335

Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
1 5 10 15

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

Tyr Trp Tyr Gln Lys Lys Pro Gly Gln Ala Pro Val Leu Val Ile Phe
35 40 45

Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Gln Arg Phe Ser Gly Ser
50 55 60

Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65 70 75 80

Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Thr Tyr
85 90 95

Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 9336
<211> 112
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9336

Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
1 5 10 15

```
Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Tyr
            20                  25                  30

Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Tyr Ile
        35                  40                  45

Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
    50                  55                  60

Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Leu Ser Leu
65                  70                  75                  80

Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
                85                  90                  95

Arg Gly Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
            100                 105                 110
```

<210> 9337
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9337

```
Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
1               5                   10                  15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Ser
            20                  25                  30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
        35                  40                  45

Ile Tyr Gly Thr Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
    50                  55                  60
```

```
Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu
65                  70                  75                  80


Pro Glu Asp Phe Ala Val Phe Tyr Cys Gln Gln Tyr Gly Asn Ser Pro
                85                  90                  95


Trp Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
            100                 105
```

<210> 9338
<211> 117
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9338

```
Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1               5                   10                  15


Ser Leu Thr Leu Ser Cys Ala Ala Ser Gly Leu Thr Ile Arg Asn Tyr
            20                  25                  30


Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45


Ala Asn Met Glu Glu Asp Gly Ser Glu Lys Asn Tyr Val Asp Ser Val
    50                  55                  60


Lys Gly Arg Phe Ile Ile Ser Arg Asp Asp Ala Lys Asn Ser Leu Tyr
65                  70                  75                  80


Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95


Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser Trp Gly Gln Gly Thr Val
            100                 105                 110
```

Val Thr Val Ser Ser
        115

<210> 9339
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9339

Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Leu Ser Pro Gly
1   5   10   15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Tyr
            20   25   30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
        35   40   45

Phe Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
    50   55   60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu Pro
65   70   75   80

Glu Asp Phe Ala Val Tyr Phe Cys Gln Gln Arg Ser Ser Trp Gln Gly
                85   90   95

Ile Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
            100   105

<210> 9340
<211> 120
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9340

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

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

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Asn Ile Gln Gln Asp Gly Ser Glu Lys Tyr Tyr Val Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Thr Asp Leu Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 9341
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9341

Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Leu Ser Pro Gly
1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Tyr

```
            20                  25                  30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
        35                  40                  45

Phe Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
    50                  55                  60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu Pro
65                  70                  75                  80

Glu Asp Phe Ala Val Tyr Phe Cys Gln Gln Arg Ser Ser Trp Gln Gly
                85                  90                  95

Ile Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
            100                 105
```

<210> 9342
<211> 124
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9342

```
Gln Val Gln Leu Gln Gln Ser Gly Pro Gly Leu Val Arg Pro Ser Gly
1               5                   10                  15

Thr Leu Ser Leu Thr Cys Gly Val Ser Gly Gly Ser Ile Ser Ser Pro
            20                  25                  30

Asn Trp Trp Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
        35                  40                  45

Ile Gly Glu Val Tyr Pro Thr Gly Asn Thr Tyr Tyr Asn Pro Ser Leu
    50                  55                  60

Lys Ser Arg Val Thr Ile Ser Ile Glu Glu Ser Lys Asn Glu Phe Ser
```

65 70 75 80

Leu Asn Leu Ser Ser Val Thr Ala Ala Asp Met Gly Ile Tyr Tyr Cys
85 90 95

Ala Arg Gly Val Val Gly Ala Ser Asp Phe Tyr Tyr Tyr Gly Met Asp
100 105 110

Val Trp Gly Gln Gly Thr Ala Val Thr Val Ser Ser
115 120

<210> 9343
<211> 106
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9343

Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Pro Ser Leu Ser Pro Gly
1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Tyr
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
35 40 45

Phe Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu Ser
65 70 75 80

Glu Asp Phe Gly Thr Tyr Tyr Cys Gln Gln Tyr Asn His Trp Arg Thr
85 90 95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys

100 105

<210> 9344
<211> 117
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9344

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Thr Leu Ser Cys Ala Ala Ser Gly Leu Thr Ile Arg Asn Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Asn Met Glu Glu Asp Gly Ser Glu Lys Asn Tyr Val Asp Ser Val
50 55 60

Lys Gly Arg Phe Ile Ile Ser Arg Asp Asp Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser Trp Gly Gln Gly Thr Val
100 105 110

Val Thr Val Ser Ser
115

<210> 9345
<211> 113
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9345

Glu Ile Val Met Thr Gln Ser Pro Asp Ser Leu Thr Val Ser Leu Gly
1   5   10   15

Glu Arg Ala Thr Ile Ser Cys Lys Ser Ser Gln Ser Leu Leu Tyr Ser
            20   25   30

Ser Asn Asn Arg Asp Tyr Leu Ala Trp Tyr Gln Gln Lys Ala Gly Gln
        35   40   45

Pro Pro Lys Leu Leu Phe Tyr Trp Ala Ser Thr Arg Glu Ser Gly Val
    50   55   60

Pro Asp Arg Phe Gly Gly Ser Gly Ser Gly Thr His Phe Thr Leu Thr
65   70   75   80

Ile Tyr Asn Leu Gln Pro Glu Asp Val Ala Val Tyr Phe Cys Gln Gln
                85   90   95

Tyr Phe Ser Pro Pro Tyr Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile
            100   105   110

Lys

<210> 9346
<211> 120
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9346

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1   5   10   15

```
Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ile Phe Ser Asn Phe
            20                  25                  30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45

Ala Asn Ile Gln Gln Asp Gly Ser Glu Lys Tyr Tyr Val Asp Ser Val
    50                  55                  60

Lys Gly Arg Phe Thr Ile Ser Thr Asp Leu Ala Lys Asn Ser Leu Tyr
65                  70                  75                  80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr Trp Gly Gln
            100                 105                 110

Gly Thr Leu Val Thr Val Ser Ser
        115                 120
```

<210> 9347
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9347

```
Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
1               5                   10                  15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Glu Ser Val Ser Ser Asn
            20                  25                  30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
        35                  40                  45
```

```
Ile Tyr Asp Ala Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
    50                  55                  60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Lys Leu Glu
65                  70                  75                  80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Ala Arg Ala Pro
                85                  90                  95

Asp Thr Phe Ala Gln Gly Thr Arg Leu Glu Ile Lys
            100                 105
```

<210> 9348
<211> 127
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9348

```
Gln Met Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ser
1               5                   10                  15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Gly Thr Phe Ile Asn Tyr
            20                  25                  30

Ala Ile Asn Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Tyr Met
        35                  40                  45

Gly Gly Ile Ile Pro Leu Leu Gly Val Ala Asn Tyr Thr Gln Arg Phe
    50                  55                  60

Gln Gly Arg Val Thr Met Thr Ala Asp Arg Ser Thr Ser Thr Ala Tyr
65                  70                  75                  80

Met Glu Leu Ser Asn Leu Ala Ile Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95
```

```
Ala Arg Glu Tyr Ser Ser Ser Arg Pro Leu Phe Tyr Thr Tyr Asn Tyr
            100                 105                 110


Gly Met Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
        115                 120                 125


<210>  9349
<211>  112
<212>  PRT
<213>  Artificial sequence

<220>
<223>  Synthetic antibody

<400>  9349

Asp Ile Val Met Thr Gln Thr Pro Leu Ser Leu Ser Val Thr Pro Gly
1               5                   10                  15


Gln Pro Ala Ser Ile Ser Cys Lys Ser Ser Gln Gly Leu Leu His Gly
            20                  25                  30


Asp Gly Lys Thr Tyr Leu Tyr Trp Phe Leu Gln Lys Ala Gly Gln Pro
        35                  40                  45


Pro Gln Leu Leu Ile Tyr Glu Val Ser Asn Arg Phe Ser Gly Val Pro
    50                  55                  60


Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
65                  70                  75                  80


Ser Arg Val Glu Ala Glu Asp Val Gly Ile Tyr Tyr Cys Met Gln Ser
                85                  90                  95


Val His Leu Pro Tyr Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys
            100                 105                 110


<210>  9350
<211>  117
<212>  PRT
```

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9350

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Thr Leu Ser Cys Ala Ala Ser Gly Leu Thr Ile Arg Asn Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Asn Met Glu Glu Asp Gly Ser Glu Lys Asn Tyr Val Asp Ser Val
50 55 60

Lys Gly Arg Phe Ile Ile Ser Arg Asp Asp Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser Trp Gly Gln Gly Thr Val
100 105 110

Val Thr Val Ser Ser
115

<210> 9351
<211> 106
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9351

Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln

```
1               5                   10                  15

Thr Ala Ser Ile Thr Cys Ser Gly Asp Lys Leu Gly Glu Lys Tyr Ala
            20                  25                  30

Cys Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Val Leu Val Ile Tyr
        35                  40                  45

Gln Asp Thr Lys Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
    50                  55                  60

Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Gly Thr Gln Ala Val
65                  70                  75                  80

Asp Glu Ala Asp Tyr Tyr Cys Gln Ala Trp Asp Tyr Thr Thr Val Ile
                85                  90                  95

Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100                 105


<210>  9352
<211>  117
<212>  PRT
<213>  Artificial sequence

<220>
<223>  Synthetic antibody

<400>  9352

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1               5                   10                  15

Ser Leu Thr Leu Ser Cys Ala Ala Ser Gly Leu Thr Ile Arg Asn Tyr
            20                  25                  30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45

Ala Asn Met Glu Glu Asp Gly Ser Glu Lys Asn Tyr Val Asp Ser Val
```

50 55 60

Lys Gly Arg Phe Ile Ile Ser Arg Asp Asp Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser Trp Gly Gln Gly Thr Val
100 105 110

Val Thr Val Ser Ser
115

<210> 9353
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9353

Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Ser
20 25 30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
35 40 45

Ile Tyr Gly Ala Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu
65 70 75 80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Gly Ser Ser Tyr

85 90 95

Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys
100 105

<210> 9354
<211> 117
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9354

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Thr Leu Ser Cys Ala Ala Ser Gly Leu Thr Ile Arg Asn Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Asn Met Glu Glu Asp Gly Ser Glu Lys Asn Tyr Val Asp Ser Val
50 55 60

Lys Gly Arg Phe Ile Ile Ser Arg Asp Asp Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser Trp Gly Gln Gly Thr Val
100 105 110

Val Thr Val Ser Ser
115

<210> 9355

<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9355

Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Leu Ser Pro Gly
1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Tyr
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
35 40 45

Phe Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Arg Ser Tyr Pro Arg
85 90 95

Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys
100 105

<210> 9356
<211> 117
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9356

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

```
Ser Leu Thr Leu Ser Cys Ala Ala Ser Gly Leu Thr Ile Arg Asn Tyr
            20                  25                  30


Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45


Ala Asn Met Glu Glu Asp Gly Ser Glu Lys Asn Tyr Val Asp Ser Val
    50                  55                  60


Lys Gly Arg Phe Ile Ile Ser Arg Asp Asp Ala Lys Asn Ser Leu Tyr
65                  70                  75                  80


Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95


Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser Trp Gly Gln Gly Thr Val
            100                 105                 110


Val Thr Val Ser Ser
        115


<210>  9357
<211>  107
<212>  PRT
<213>  Artificial sequence

<220>
<223>  Synthetic antibody

<400>  9357

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1               5                   10                  15


Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Thr Thr Tyr
            20                  25                  30


Leu Asn Trp Tyr Gln Gln Lys Ala Gly Lys Ala Pro Asn Leu Leu Ile
        35                  40                  45
```

Tyr Ala Pro Ser Asn Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
    50   55   60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65   70   75   80

Glu Asp Phe Gly Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Ser Pro Phe
                85   90   95

Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys
            100   105

<210> 9358
<211> 127
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9358

Gln Val Gln Leu Glu Gln Ser Gly Ala Glu Val Lys Arg Pro Gly Ser
1   5   10   15

Ser Val Lys Val Ser Cys Lys Gly Asp Gly Asp Thr Phe Ser Thr Tyr
            20   25   30

Ala Ile Thr Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
        35   40   45

Gly Arg Ile Ile Pro Gly Leu Asp Leu Val Asp Asn Gln Gln Lys Phe
    50   55   60

Gln Asp Arg Leu Thr Ile Thr Ala Asp Lys Ser Thr Thr Thr Ala Tyr
65   70   75   80

Met Glu Leu Arg Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
                85   90   95

Ala Arg Gly Arg Arg Tyr Asp Phe Leu Asp Gly Gln Tyr Thr Ser Trp
100 105 110

Tyr Phe Asp Ile Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 9359
<211> 112
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9359

Asn Ile Val Met Thr Gln Ser Pro Leu Ser Leu Pro Val Thr Pro Gly
1 5 10 15

Glu Pro Ala Ser Met Ser Cys Arg Ser Asn Gln Ser Leu Leu Tyr Gly
20 25 30

Asn Gly Tyr Asn Tyr Leu Asp Trp Tyr Leu Gln Arg Pro Gly Gln Ser
35 40 45

Pro Gln Leu Leu Ile Phe Leu Gly Ser Asn Arg Ala Ser Gly Val Pro
50 55 60

Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
65 70 75 80

Asn Arg Val Glu Ala Glu Asp Val Gly Ile Tyr Tyr Cys Met Gln Gly
85 90 95

Gln Glu Asn Pro Pro Thr Phe Gly Pro Gly Thr Lys Val Glu Ile Lys
100 105 110

<210> 9360
<211> 124
<212> PRT

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9360

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1   5   10   15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
            20   25   30

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

Ser Phe Ile Ser Gly Gly Gly Glu Thr Thr Asp Tyr Ala Asp Ser Val
    50   55   60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65   70   75   80

Leu Gln Met Asn Gly Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85   90   95

Ala Lys Ser Pro Asp Ala Thr Phe Leu Trp Phe Gly Glu Pro Phe Gly
            100   105   110

Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
        115   120

<210> 9361
<211> 106
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9361

Glu Ile Val Met Thr Gln Ser Pro Ala Thr Leu Ser Val Ser Pro Gly

1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Asn
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
35 40 45

Tyr Gly Ala Ser Thr Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Ser
65 70 75 80

Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Asn Asn Trp Arg Thr
85 90 95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
100 105

<210> 9362
<211> 118
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9362

Gln Met Gln Leu Val Gln Ser Gly Thr Glu Val Lys Lys Pro Gly Glu
1 5 10 15

Ser Leu Lys Ile Ser Cys Lys Gly Ser Gly Tyr Gly Phe Ile Thr Tyr
20 25 30

Trp Ile Gly Trp Val Arg Gln Met Pro Gly Lys Gly Leu Glu Trp Met
35 40 45

Gly Ile Ile Tyr Pro Gly Asp Ser Glu Thr Arg Tyr Ser Pro Ser Phe

```
    50                  55                  60

Gln Gly Gln Val Thr Ile Ser Ala Asp Lys Ser Ile Asn Thr Ala Tyr
65                  70                  75                  80

Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Thr Ala Ile Tyr Tyr Cys
                85                  90                  95

Ala Gly Gly Ser Gly Ile Ser Thr Pro Met Asp Val Trp Gly Gln Gly
            100                 105                 110

Thr Thr Val Thr Val Ser
        115
```

<210> 9363
<211> 86
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9363

```
Ser Val Leu Tyr Ser Ser Ile Asn Lys Asn Tyr Leu Ala Trp Tyr Gln
1               5                   10                  15

Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr Trp Ala Ser Thr
            20                  25                  30

Arg Glu Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr
        35                  40                  45

Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Ala Glu Asp Val Ala Val
    50                  55                  60

Tyr Tyr Cys Gln Gln Tyr Tyr Ser Thr Pro Tyr Thr Phe Gly Gln Gly
65                  70                  75                  80

Thr Lys Val Glu Ile Lys
```

85

<210> 9364
<211> 125
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9364

Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Gly
20 25 30

Ser His Tyr Trp Ser Trp Ile Arg Gln Pro Ala Gly Lys Gly Leu Glu
35 40 45

Trp Val Gly Arg Ile Tyr Thr Ser Gly Ser Thr Asn Tyr Asn Pro Ser
50 55 60

Leu Glu Arg Arg Val Thr Ile Ser Leu Gly Thr Ser Lys Asn Gln Phe
65 70 75 80

Tyr Leu Asp Leu Thr Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
85 90 95

Cys Ala Arg Asp Ser Leu Ser Gly Ser Tyr His Tyr Tyr Tyr Gly Met
100 105 110

Asp Val Trp Gly Gln Gly Thr Ser Val Thr Val Ser Ser
115 120 125

<210> 9365
<211> 110
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9365

Gln Ser Val Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln
1   5   10   15

Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser Asn
            20   25   30

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

Ile Tyr Arg Asn Tyr Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser
    50   55   60

Gly Ser Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Ser Gly Leu Arg
65   70   75   80

Ser Glu Asp Glu Gly Asp Tyr Tyr Cys Ala Val Trp Asp Asp Ser Leu
                85   90   95

Ser Gly Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100   105   110

<210> 9366
<211> 118
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9366

Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1   5   10   15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ile Ser Tyr
            20   25   30

```
Thr Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45

Ala Leu Ile Ser Tyr Asp Gly Tyr Asn Lys Tyr Tyr Ala Asp Ser Val
    50                  55                  60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65                  70                  75                  80

Val Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys
                85                  90                  95

Ala Arg Glu Gly Ser Pro Glu Ala Phe Asp Tyr Trp Gly Gln Gly Thr
            100                 105                 110

Leu Val Thr Val Ser Ser
        115
```

<210> 9367
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9367

```
Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Val Ser Pro Gly
1               5                   10                  15

Glu Arg Val Thr Leu Ser Cys Arg Ala Ser Gln Thr Val Asn Asn Asn
            20                  25                  30

Leu Asn Trp Leu Gln His Lys Pro Gly Gln Ala Pro Arg Leu Val Ile
        35                  40                  45

Ile Gly Thr Ser Thr Arg Ala Ser Gly Val Pro Ala Arg Phe Ser Gly
    50                  55                  60
```

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Ser
65 70 75 80

Glu Asp Tyr Ala Ile Tyr Tyr Cys Gln Gln Tyr Tyr Glu Trp Pro Pro
85 90 95

Ile Thr Tyr Gly Gln Gly Thr Arg Leu Glu Ile
100 105

<210> 9368
<211> 124
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9368

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Arg Arg Leu Ser Cys Gly Ala Ser Gly Phe Thr Phe Thr Asn His
20 25 30

Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Ser Ile Lys Gln Asp Gly Ala Glu Lys Tyr Tyr Val Asp Tyr Leu
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Val Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Arg Ile Thr Met Ala Leu Ala Gly Trp Gly Trp Gly Met Asp
100 105 110

Val Trp Gly Gln Gly Thr Thr Val Arg Val Ser Ser
        115   120

<210> 9369
<211> 112
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9369

Asp Ile Val Met Thr Gln Ser Pro Leu Ser Leu Pro Val Thr Pro Gly
1   5   10   15

Glu Pro Ala Ser Ile Ser Cys Arg Ser Ser Arg Ser Leu Leu Ser Arg
            20   25   30

Asn Gly Tyr Asn Tyr Leu Asp Trp Tyr Leu Gln Arg Pro Gly Gln Ser
        35   40   45

Pro Gln Leu Val Ile Tyr Leu Gly Ser Asn Arg Ala Ser Gly Val Pro
    50   55   60

Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
65   70   75   80

Ser Arg Val Glu Ala Glu Asp Val Gly Leu Tyr Tyr Cys Met Gln Ala
                85   90   95

Met Gln Ala Pro Leu Thr Phe Gly Pro Gly Thr Lys Val Glu Ile Lys
            100   105   110

<210> 9370
<211> 126
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9370

Gln Val Gln Leu Val Gln Ser Gly Ser Glu Leu Lys Lys Pro Gly Ala
1   5   10   15

Ser Val Lys Val Ser Cys Lys Thr Ser Gly Tyr Thr Phe Thr Ser Tyr
            20   25   30

Ala Ile Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Ile
        35   40   45

Gly Trp Ile Asn Ile Asn Thr Gly Asn Pro Thr Tyr Ala Gln Gly Phe
    50   55   60

Thr Gly Arg Val Asp Phe Ser Leu Asp Thr Ser Val Ser Thr Ala Tyr
65   70   75   80

Leu Gln Ile Arg Ser Leu Lys Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85   90   95

Ala Arg Asp Arg Gly Ile Ala Ala Arg Arg Gly Tyr Tyr Tyr Tyr Gly
            100   105   110

Met Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
        115   120   125

<210> 9371
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9371

Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
1   5   10   15

Thr Ala Arg Ile Ile Cys Ser Gly Asp Ala Leu Pro Lys Gln Asn Ala

20 25 30

Tyr Trp Tyr Gln Lys Lys Pro Gly Gln Ala Pro Val Leu Val Ile Phe
35 40 45

Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Gln Arg Phe Ser Gly Ser
50 55 60

Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65 70 75 80

Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Thr Tyr
85 90 95

Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 9372
<211> 127
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9372

Gln Val Gln Leu Glu Gln Ser Gly Ala Glu Val Lys Arg Pro Gly Ser
1 5 10 15

Ser Val Lys Val Ser Cys Lys Gly Asp Gly Asp Thr Phe Ser Thr Tyr
20 25 30

Ala Ile Thr Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Arg Ile Ile Pro Gly Leu Asp Leu Val Asp Asn Gln Gln Lys Phe
50 55 60

Gln Asp Arg Leu Thr Ile Thr Ala Asp Lys Ser Thr Thr Thr Ala Tyr

65 70 75 80

Met Glu Leu Arg Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Gly Arg Arg Tyr Asp Phe Leu Asp Gly Gln Tyr Thr Ser Trp
100 105 110

Tyr Phe Asp Ile Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 9373
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9373

Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
1 5 10 15

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

Tyr Trp Tyr Gln Lys Lys Pro Gly Gln Ala Pro Val Leu Val Ile Phe
35 40 45

Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Gln Arg Phe Ser Gly Ser
50 55 60

Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65 70 75 80

Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Thr Tyr
85 90 95

Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu

100 105

<210> 9374
<211> 112
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9374

Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Tyr
20 25 30

Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Tyr Ile
35 40 45

Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
50 55 60

Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Leu Ser Leu
65 70 75 80

Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Arg Gly Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

<210> 9375
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9375

```
Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
1               5                   10                  15


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


Tyr Trp Tyr Gln Lys Lys Pro Gly Gln Ala Pro Val Leu Val Ile Phe
        35                  40                  45


Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Gln Arg Phe Ser Gly Ser
    50                  55                  60


Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65                  70                  75                  80


Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Thr Tyr
                85                  90                  95


Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100                 105


<210>  9376
<211>  121
<212>  PRT
<213>  Artificial sequence

<220>
<223>  Synthetic antibody

<400>  9376

Gln Val Gln Leu Gln Gln Trp Gly Ala Gly Leu Leu Lys Pro Ser Glu
1               5                   10                  15


Thr Leu Ser Leu Thr Cys Ala Val His Gly Gly Ser Phe Ser Gly Pro
            20                  25                  30


Tyr Trp Thr Trp Ile Arg Gln Ser Pro Ser Gln Gly Leu Glu Trp Ile
        35                  40                  45
```

```
Gly Glu Ile Gly Pro Arg Gly Ile Thr Tyr Tyr Ser Pro Ser Leu Glu
    50                  55                  60

Ser Arg Val Thr Ile Ser Ala Asp Thr Ser Arg Asn Gln Phe Ser Leu
65                  70                  75                  80

Arg Leu Thr Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
                85                  90                  95

Arg Gly Leu Val Ile Gly Arg Ser Ser Leu Asn Phe Asp Ser Trp Gly
            100                 105                 110

Gln Gly Thr Leu Val Thr Val Ser Ser
        115                 120
```

<210> 9377
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9377

```
Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
1               5                   10                  15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Glu Ser Val Ser Ser Asn
            20                  25                  30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
        35                  40                  45

Ile Tyr Asp Ala Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
    50                  55                  60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Lys Leu Glu
65                  70                  75                  80
```

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Ala Arg Ala Pro
85 90 95

Asp Thr Phe Ala Gln Gly Thr Arg Leu Glu Ile Lys
100 105

<210> 9378
<211> 119
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9378

Glu Val Gln Leu Val Glu Ala Gly Gly Gly Leu Val Lys Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Gly Tyr
20 25 30

Ala Ile Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ser Ile Ser Gly Asn Asn Asn Asp Met Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Ser Ser Val Phe
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Val Glu Asp Thr Ala Ile Tyr Tyr Cys
85 90 95

Ala Arg Asp Asn Leu Ala Leu Ala Gly Glu Asp Tyr Trp Gly Gln Gly
100 105 110

Thr Leu Val Thr Val Ser Ser
115

<210> 9379
<211> 113
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9379

Glu Ile Val Met Thr Gln Ser Pro Asp Ser Leu Thr Val Ser Leu Gly
1 5 10 15

Glu Arg Ala Thr Ile Ser Cys Lys Ser Ser Gln Ser Leu Leu Tyr Ser
20 25 30

Ser Asn Asn Arg Asp Tyr Leu Ala Trp Tyr Gln Gln Lys Ala Gly Gln
35 40 45

Pro Pro Lys Leu Leu Phe Tyr Trp Ala Ser Thr Arg Glu Ser Gly Val
50 55 60

Pro Asp Arg Phe Gly Gly Ser Gly Ser Gly Thr His Phe Thr Leu Thr
65 70 75 80

Ile Tyr Asn Leu Gln Pro Glu Asp Val Ala Val Tyr Phe Cys Gln Gln
85 90 95

Tyr Phe Ser Pro Pro Tyr Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile
100 105 110

Lys

<210> 9380
<211> 124
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9380

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1   5   10   15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
            20   25   30

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

Ser Phe Ile Ser Gly Gly Gly Glu Thr Thr Asp Tyr Ala Asp Ser Val
    50   55   60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65   70   75   80

Leu Gln Met Asn Gly Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85   90   95

Ala Lys Ser Pro Asp Ala Thr Phe Leu Trp Phe Gly Glu Pro Phe Gly
            100   105   110

Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
        115   120

<210> 9381
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9381

Glu Ile Val Met Thr Gln Ser Pro Ala Thr Leu Ser Val Ser Pro Gly
1   5   10   15

Glu Arg Val Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Asn

```
            20                  25                  30

Val Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Ser Leu Leu Ile
        35                  40                  45

Tyr Gly Ala Ser Thr Arg Ala Thr Gly Thr Pro Ala Arg Phe Ser Gly
    50                  55                  60

Ser Gly Ser Gly Thr Gly Phe Thr Leu Thr Ile Thr Ser Leu Gln Ser
65                  70                  75                  80

Glu Asp Phe Gly Val Tyr Tyr Cys Gln Gln Tyr Asn Asn Trp Arg Phe
                85                  90                  95

Thr Phe Gly Pro Gly Thr Lys Val Glu Ile Lys
            100                 105
```

<210> 9382
<211> 125
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9382

```
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1               5                   10                  15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Val Phe Ser Asp Tyr
            20                  25                  30

Ser Met Asn Trp Val Arg Leu Ala Pro Gly Lys Gly Leu Ala Trp Val
        35                  40                  45

Ser Val Val Gly Val Asp Ala Val Thr Lys Phe Tyr Glu Asp Ser Val
    50                  55                  60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Ile Tyr
```

65 70 75 80

Leu Gln Met Asn Asn Leu Arg Ala Glu Asp Thr Ala Val Tyr His Cys
85 90 95

Ala Lys Ser Gln Pro Val Ser Arg Met Gly Arg Phe Phe Val Gly Leu
100 105 110

Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
115 120 125

<210> 9383
<211> 113
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9383

Glu Ile Val Met Thr Gln Ser Pro Asp Ser Leu Thr Val Ser Leu Gly
1 5 10 15

Glu Arg Ala Thr Ile Ser Cys Lys Ser Ser Gln Ser Leu Leu Tyr Ser
20 25 30

Ser Asn Asn Arg Asp Tyr Leu Ala Trp Tyr Gln Gln Lys Ala Gly Gln
35 40 45

Pro Pro Lys Leu Leu Phe Tyr Trp Ala Ser Thr Arg Glu Ser Gly Val
50 55 60

Pro Asp Arg Phe Gly Gly Ser Gly Ser Gly Thr His Phe Thr Leu Thr
65 70 75 80

Ile Tyr Asn Leu Gln Pro Glu Asp Val Ala Val Tyr Phe Cys Gln Gln
85 90 95

Tyr Phe Ser Pro Pro Tyr Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile

100 105 110

Lys

<210> 9384
<211> 122
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9384

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Lys Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Ser Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ser Ile Ser Ser Thr Ser Ser Tyr Ile Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Arg Arg Ala Ala Thr Gly Thr Glu Phe Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 9385

<211> 110
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9385

Gln Ser Val Leu Thr Gln Pro Pro Ser Val Ser Ala Ala Pro Gly Gln
1   5   10   15

Lys Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Asn Asn
            20   25   30

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

Ile Tyr Asp Asn Asn Lys Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser
    50   55   60

Gly Ser Lys Ser Gly Thr Ser Ala Thr Leu Gly Ile Thr Gly Leu Gln
65   70   75   80

Thr Gly Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Ser Ser Leu
                85   90   95

Ser Ala Val Leu Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100   105   110

<210> 9386
<211> 119
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9386

Gln Ala His Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ser
1   5   10   15

```
Ser Val Lys Val Ser Cys Lys Ala Ser Gly Gly Thr Phe Asn Ser His
            20                  25                  30

Ala Ile Gly Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
        35                  40                  45

Gly Arg Ile Val Pro Ile Arg Lys Thr Thr Thr Tyr Ala Pro Gln Leu
    50                  55                  60

Gln Gly Arg Leu Thr Leu Thr Ala Asp Thr Ser Thr Ser Thr Leu Tyr
65                  70                  75                  80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Ser Ala Arg Tyr Tyr Cys
                85                  90                  95

Ala Arg Val Ile Leu Ser Gly Arg Gly Phe Asp Ile Trp Gly Gln Gly
            100                 105                 110

Ser Leu Val Ala Val Ser Ser
        115
```

<210> 9387
<211> 104
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9387

```
Asp Ile Gln Met Thr Gln Ser Pro Ser Ala Leu Ala Ala Ser Leu Gly
1               5                   10                  15

Asp Arg Val Ile Ile Thr Cys Gln Ala Ser His Asp Ile Gly His Asn
            20                  25                  30

Leu Asn Trp Tyr Gln Gln Arg Pro Gly Glu Ala Pro Gln Leu Leu Ile
        35                  40                  45
```

Tyr Asp Val Ser Asn Leu Gln Thr Gly Val Pro Ser Arg Phe Ser Gly
    50   55   60

Phe Gly Phe Gly Thr Asn Phe Thr Phe Thr Ile Ser Gly Leu Gln Ser
65   70   75   80

Glu Asp Ile Gly Thr Tyr Tyr Cys Gln Gln Tyr Asp Ser Ile Phe Gly
                85   90   95

Pro Gly Thr Lys Leu Glu Ile Lys
            100

<210> 9388
<211> 127
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9388

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ser
1   5   10   15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Gly Thr Phe Ser Ser Tyr
            20   25   30

Ala Phe Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
        35   40   45

Gly Arg Ile Ile Leu Ile Leu Gly Ile Thr Asp Tyr Ala Pro Lys Phe
    50   55   60

Gln Gly Arg Val Thr Ile Thr Ala Asp Lys Ser Thr Ser Thr Val Tyr
65   70   75   80

Met Glu Val Ser Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
                85   90   95

```
Ala Arg Glu Arg Pro Arg Asp Pro Ser Ser Asn Tyr Val Ala Tyr Tyr
            100                 105                 110


Ala Met Asp Val Trp Gly Gln Gly Thr Ser Val Thr Val Ser Ser
        115                 120                 125


<210>  9389
<211>  107
<212>  PRT
<213>  Artificial sequence

<220>
<223>  Synthetic antibody

<400>  9389

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1               5                   10                  15


Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Thr Thr Tyr
            20                  25                  30


Leu Asn Trp Tyr Gln Gln Lys Ala Gly Lys Ala Pro Asn Leu Leu Ile
        35                  40                  45


Tyr Ala Pro Ser Asn Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
    50                  55                  60


Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65                  70                  75                  80


Glu Asp Phe Gly Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Ser Pro Phe
                85                  90                  95


Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys
            100                 105


<210>  9390
<211>  124
<212>  PRT
```

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9390

```
Gln Val Gln Leu Gln Gln Ser Gly Pro Gly Leu Val Arg Pro Ser Gly
1               5                   10                  15


Thr Leu Ser Leu Thr Cys Gly Val Ser Gly Gly Ser Ile Ser Ser Pro
            20                  25                  30


Asn Trp Trp Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
        35                  40                  45


Ile Gly Glu Val Tyr Pro Thr Gly Asn Thr Tyr Tyr Asn Pro Ser Leu
    50                  55                  60


Lys Ser Arg Val Thr Ile Ser Ile Glu Glu Ser Lys Asn Glu Phe Ser
65                  70                  75                  80


Leu Asn Leu Ser Ser Val Thr Ala Ala Asp Met Gly Ile Tyr Tyr Cys
                85                  90                  95


Ala Arg Gly Val Val Gly Ala Ser Asp Phe Tyr Tyr Tyr Gly Met Asp
            100                 105                 110


Val Trp Gly Gln Gly Thr Ala Val Thr Val Ser Ser
        115                 120
```

<210> 9391
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9391

```
Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
```

```
1               5                   10                  15

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

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

Tyr Ser Ala Ala Arg Leu Gln Ser Gly Val Pro Ser Arg Phe Arg Ala
    50                  55                  60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Thr Ser Leu Gln Leu
65                  70                  75                  80

Glu Asp Phe Gly Val Tyr Tyr Cys Gln Gln Ser Phe Asn Thr Pro Arg
                85                  90                  95

Thr Phe Gly Gln Gly Thr Arg Val Glu Ile Lys
            100                 105
```

<210> 9392
<211> 117
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9392

```
Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1               5                   10                  15

Ser Leu Thr Leu Ser Cys Ala Ala Ser Gly Leu Thr Ile Arg Asn Tyr
            20                  25                  30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45

Ala Asn Met Glu Glu Asp Gly Ser Glu Lys Asn Tyr Val Asp Ser Val
```

```
    50                  55                  60

Lys Gly Arg Phe Ile Ile Ser Arg Asp Asp Ala Lys Asn Ser Leu Tyr
65                  70                  75                  80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95

Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser Trp Gly Gln Gly Thr Val
            100                 105                 110

Val Thr Val Ser Ser
        115
```

<210> 9393
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9393

```
Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
1               5                   10                  15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Glu Ser Val Ser Ser Asn
            20                  25                  30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
        35                  40                  45

Ile Tyr Asp Ala Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
    50                  55                  60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Lys Leu Glu
65                  70                  75                  80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Ala Arg Ala Pro
```

85 90 95

Asp Thr Phe Ala Gln Gly Thr Arg Leu Glu Ile Lys
100 105

<210> 9394
<211> 125
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9394

Gln Val Gln Leu Gln Gln Trp Gly Ala Gly Leu Leu Lys Pro Ala Glu
1 5 10 15

Thr Leu Ser Leu Thr Cys Ala Val His Gly Gly Ser Phe Thr Asp Ser
20 25 30

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

Gly Glu Val Asn His Ser Gly Ser Thr Asn Tyr Ser Pro Ser Leu Lys
50 55 60

Thr Arg Val Ala Ile Ser Ile Asp Thr Ser Lys Asn Gln Val Ser Leu
65 70 75 80

Arg Leu Thr Ser Val Ser Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Arg Gly Met Ala Val Arg Gly Arg Gln Leu Tyr Leu Leu Gly Gly Tyr
100 105 110

Asp Leu Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 9395

<211> 106
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9395

Glu Val Val Met Thr Gln Ser Pro Ala Thr Leu Ser Val Ser Pro Gly
1 5 10 15

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

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Arg Leu Leu Ile
35 40 45

Tyr Gly Ala Ser Thr Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Glu Ser
65 70 75 80

Glu Asp Phe Gly Thr Tyr Tyr Cys Gln Gln Tyr Asn His Trp Arg Thr
85 90 95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
100 105

<210> 9396
<211> 118
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9396

Ser Gln Leu Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
1 5 10 15

```
Thr Leu Ser Leu Thr Cys Thr Val Phe Gly Asp Ser Ile Tyr Gly Tyr
            20                  25                  30

Tyr Trp Thr Trp Ile Arg Gln Pro Pro Gly Arg Gly Leu Glu Trp Ile
        35                  40                  45

Gly Ser Val Tyr His Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Met
    50                  55                  60

Ser Arg Val Thr Ile Ser Val Asp Thr Ser Glu Lys Gln Phe Ser Leu
65                  70                  75                  80

Lys Val Thr Ser Val Thr Gly Ala Asp Thr Ala Val Tyr Phe Cys Ala
                85                  90                  95

Arg Gly Leu Ala Gly Gly Gly Tyr Phe Asp Ala Trp Gly Gln Gly Asn
            100                 105                 110

Leu Val Ala Val Ser Ser
        115
```

<210> 9397
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9397

```
Asp Val Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1               5                   10                  15

Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Pro Gly Ile Asn Thr Tyr
            20                  25                  30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Val Pro Asp Leu Leu Ile
        35                  40                  45
```

```
Tyr Gly Ala Ser Thr Leu Arg Ser Gly Val Pro Ser Arg Phe Ser Gly
    50                  55                  60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Leu
65                  70                  75                  80

Glu Asp Val Ala Thr Tyr Tyr Cys Gln Ala Tyr Tyr Val Gly Leu Gly
                85                  90                  95

Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
            100                 105
```

<210> 9398
<211> 119
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9398

```
Glu Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Arg Pro Gly Glu
1               5                   10                  15

Ser Leu Arg Leu Ser Cys Val Gly Ser Gly Phe Pro Phe Gly Gly Tyr
            20                  25                  30

Gly Met Ser Trp Val Arg Gln Val Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45

Ser Gly Ile Asn Trp Ser Ala Asp Arg Arg Val Tyr Ala Asp Phe Val
    50                  55                  60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Tyr Pro Lys Lys Ser Val Ser
65                  70                  75                  80

Leu Gln Met Asp Asn Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys
                85                  90                  95
```

Ala Arg Glu Arg Thr Ser Arg Arg Asp Phe Asp Phe Trp Gly Gln Gly
100 105 110

Thr Leu Val Thr Val Ser Ser
115

<210> 9399
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9399

Ser Phe Val Leu Thr Gln Pro Pro Ser Val Ser Val Ala Pro Gly Gln
1 5 10 15

Thr Ala Arg Ile Pro Cys Ala Lys Asn Tyr Arg Gly Ser Gln Thr Val
20 25 30

His Trp Tyr Gln Arg Lys Pro Gly Gln Ala Pro Val Leu Val Ile Asn
35 40 45

Ser Asp Asp Asp Arg Pro Ser Gly Ile Ser Glu Arg Phe Ser Gly Ser
50 55 60

Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Arg Val Glu Ala Gly
65 70 75 80

Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Pro Ser Ser Asp Gln
85 90 95

Ala Leu Phe Ala Gly Gly Thr Thr Leu Thr Val Leu
100 105

<210> 9400
<211> 121
<212> PRT

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9400

```
Glu Val Gln Leu Val Asp Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1               5                   10                  15


Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Thr Ser Tyr
            20                  25                  30


Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45


Ala Asn Ile Lys Gln Asp Gly Ser Glu Lys Asp Tyr Val Asp Ser Val
    50                  55                  60


Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65                  70                  75                  80


Leu Gln Met Ser Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95


Ala Arg Asp Leu Gly Ser Gly Ser Tyr His Leu Phe Asp Tyr Trp Gly
            100                 105                 110


Gln Gly Thr Leu Val Thr Val Ser Ser
        115                 120
```

<210> 9401
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9401

```
Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
```

1 5 10 15

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

Tyr Trp Tyr Gln Lys Lys Pro Gly Gln Ala Pro Val Leu Val Ile Phe
35 40 45

Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Gln Arg Phe Ser Gly Ser
50 55 60

Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65 70 75 80

Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Thr Tyr
85 90 95

Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 9402
<211> 126
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9402

Gln Val Gln Leu Val Gln Ser Gly Ser Glu Leu Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Thr Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Ala Ile Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Ile
35 40 45

Gly Trp Ile Asn Ile Asn Thr Gly Asn Pro Thr Tyr Ala Gln Gly Phe

```
    50                  55                  60

Thr Gly Arg Val Asp Phe Ser Leu Asp Thr Ser Val Ser Thr Ala Tyr
65                  70                  75                  80

Leu Gln Ile Arg Ser Leu Lys Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95

Ala Arg Asp Arg Gly Ile Ala Ala Arg Arg Gly Tyr Tyr Tyr Tyr Gly
            100                 105                 110

Met Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
        115                 120                 125
```

<210> 9403
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9403

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

Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Thr Thr Tyr
            20                  25                  30

Leu Asn Trp Tyr Gln Gln Lys Ala Gly Lys Ala Pro Asn Leu Leu Ile
        35                  40                  45

Tyr Ala Pro Ser Asn Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
    50                  55                  60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65                  70                  75                  80

Glu Asp Phe Gly Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Ser Pro Phe
```

85 90 95

Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys
100 105

<210> 9404
<211> 119
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9404

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Arg Pro Gly Glu
1 5 10 15

Ser Leu Arg Leu Ser Cys Val Gly Ser Gly Phe Pro Phe Gly Gly Tyr
20 25 30

Gly Met Ser Trp Val Arg Gln Val Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Gly Ile Asn Trp Ser Ala Asp Arg Arg Val Tyr Ala Asp Phe Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Tyr Pro Lys Lys Ser Val Ser
65 70 75 80

Leu Gln Met Asp Asn Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys
85 90 95

Ala Arg Glu Arg Thr Ser Arg Arg Asp Phe Asp Phe Trp Gly Gln Gly
100 105 110

Thr Leu Val Thr Val Ser Ser
115

<210> 9405

<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9405

Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
1 5 10 15

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

Tyr Trp Tyr Gln Lys Lys Pro Gly Gln Ala Pro Val Leu Val Ile Phe
35 40 45

Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Gln Arg Phe Ser Gly Ser
50 55 60

Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65 70 75 80

Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Thr Tyr
85 90 95

Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 9406
<211> 121
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9406

Glu Val Gln Leu Val Asp Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

```
Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Thr Ser Tyr
            20                  25                  30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45

Ala Asn Ile Lys Gln Asp Gly Ser Glu Lys Asp Tyr Val Asp Ser Val
    50                  55                  60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65                  70                  75                  80

Leu Gln Met Ser Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95

Ala Arg Asp Leu Gly Ser Gly Ser Tyr His Leu Phe Asp Tyr Trp Gly
            100                 105                 110

Gln Gly Thr Leu Val Thr Val Ser Ser
        115                 120
```

<210> 9407
<211> 110
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9407

```
Gln Ser Val Leu Thr Gln Pro Pro Ser Val Ser Ala Ala Pro Gly Gln
1               5                   10                  15

Lys Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Asn Asn
            20                  25                  30

Tyr Val Ser Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu
        35                  40                  45
```

```
Ile Tyr Asp Asn Asn Lys Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser
    50                  55                  60

Gly Ser Lys Ser Gly Thr Ser Ala Thr Leu Gly Ile Thr Gly Leu Gln
65                  70                  75                  80

Thr Gly Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Asn Ser Leu
                85                  90                  95

Ser Ala Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100                 105                 110
```

<210> 9408
<211> 112
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9408

```
Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
1               5                   10                  15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Tyr
            20                  25                  30

Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Tyr Ile
        35                  40                  45

Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
    50                  55                  60

Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Leu Ser Leu
65                  70                  75                  80

Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
                85                  90                  95
```

Arg Gly Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
100 105 110

<210> 9409
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9409

Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Leu Ser Pro Gly
1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Tyr
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
35 40 45

Phe Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu Pro
65 70 75 80

Glu Asp Phe Ala Val Tyr Phe Cys Gln Gln Arg Ser Ser Trp Gln Gly
85 90 95

Ile Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105

<210> 9410
<211> 124
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9410

Gln Val Gln Leu Val Gln Ser Gly Ser Glu Leu Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Ile Ser Cys Lys Thr Ser Gly Tyr Asn Phe Thr Asn His
20 25 30

Pro Ile Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Trp Ile Asn Thr Asn Thr Gly Asn Pro Thr Tyr Gly Gln Ala Phe
50 55 60

Thr Gly Arg Phe Val Phe Ser Phe Asp Thr Ser Val Gly Thr Ala Tyr
65 70 75 80

Leu His Ile Ser Gly Leu Gln Pro Gly Asp Thr Ala Phe Tyr Tyr Cys
85 90 95

Val Arg Glu Asp Leu Arg Leu Arg Gln Val Trp Trp Arg Trp Phe Asp
100 105 110

Pro Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 9411
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9411

Glu Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Ser Cys Arg Ala Ser Gln Ser Val Gly Gly His

```
            20                  25                  30

Leu Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Val Leu Ile
        35                  40                  45

His Ala Ala Ser Ser Leu Glu Gly Gly Val Pro Ser Arg Phe Ser Gly
    50                  55                  60

Ser Gly Ser Gly Thr Asp Tyr Thr Leu Thr Ile Thr Asn Leu Gln Pro
65                  70                  75                  80

Glu Asp Phe Ala Thr Tyr Phe Cys Gln Gln Ser Arg Asn Ser Pro Ala
                85                  90                  95

Thr Phe Gly Gln Gly Thr Lys Val Glu Met Lys
            100                 105
```

<210> 9412
<211> 121
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9412

```
Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1               5                   10                  15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
            20                  25                  30

Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45

Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
    50                  55                  60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
```

65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Gly Lys Leu Gly Ile Val Gly Asp Ala Phe Asp Ile Trp Gly
100 105 110

Gln Gly Thr Met Val Thr Val Ser Ser
115 120

<210> 9413
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9413

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ala Ser Gln Asp Ile Ser Asn Tyr
20 25 30

Leu Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Asp Ala Ser Asn Leu Glu Thr Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Phe Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Ile Ala Thr Tyr Tyr Cys Gln Gln Tyr Asp Asn Leu Pro Leu
85 90 95

Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys

100 105

<210> 9414
<211> 118
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9414

Ser Gln Leu Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Phe Gly Asp Ser Ile Tyr Gly Tyr
20 25 30

Tyr Trp Thr Trp Ile Arg Gln Pro Pro Gly Arg Gly Leu Glu Trp Ile
35 40 45

Gly Ser Val Tyr His Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Met
50 55 60

Ser Arg Val Thr Ile Ser Val Asp Thr Ser Glu Lys Gln Phe Ser Leu
65 70 75 80

Lys Val Thr Ser Val Thr Gly Ala Asp Thr Ala Val Tyr Phe Cys Ala
85 90 95

Arg Gly Leu Ala Gly Gly Gly Tyr Phe Asp Ala Trp Gly Gln Gly Asn
100 105 110

Leu Val Ala Val Ser Ser
115

<210> 9415
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9415

Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
1   5   10   15

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

Tyr Trp Tyr Gln Lys Lys Pro Gly Gln Ala Pro Val Leu Val Ile Phe
        35   40   45

Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Gln Arg Phe Ser Gly Ser
    50   55   60

Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65   70   75   80

Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Thr Tyr
                85   90   95

Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100   105

<210> 9416
<211> 127
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9416

Gln Val Gln Leu Glu Gln Ser Gly Ala Glu Val Lys Arg Pro Gly Ser
1   5   10   15

Ser Val Lys Val Ser Cys Lys Gly Asp Gly Asp Thr Phe Ser Thr Tyr
            20   25   30

```
Ala Ile Thr Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
        35                  40                  45

Gly Arg Ile Ile Pro Gly Leu Asp Leu Val Asp Asn Gln Gln Lys Phe
    50                  55                  60

Gln Asp Arg Leu Thr Ile Thr Ala Asp Lys Ser Thr Thr Thr Ala Tyr
65                  70                  75                  80

Met Glu Leu Arg Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95

Ala Arg Gly Arg Arg Tyr Asp Phe Leu Asp Gly Gln Tyr Thr Ser Trp
            100                 105                 110

Tyr Phe Asp Ile Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
        115                 120                 125
```

<210> 9417
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9417

```
Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Val Ser Pro Gly
1               5                   10                  15

Glu Arg Val Thr Leu Ser Cys Arg Ala Ser Gln Thr Val Asn Asn Asn
            20                  25                  30

Leu Asn Trp Leu Gln His Lys Pro Gly Gln Ala Pro Arg Leu Val Ile
        35                  40                  45

Ile Gly Thr Ser Thr Arg Ala Ser Gly Val Pro Ala Arg Phe Ser Gly
    50                  55                  60
```

```
Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Ser
65                  70                  75                  80


Glu Asp Tyr Ala Ile Tyr Tyr Cys Gln Gln Tyr Tyr Glu Trp Pro Pro
                85                  90                  95


Ile Thr Tyr Gly Gln Gly Thr Arg Leu Glu Ile
            100                 105


<210>  9418
<211>  122
<212>  PRT
<213>  Artificial sequence

<220>
<223>  Synthetic antibody

<400>  9418

Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1               5                   10                  15


Thr Val Lys Ile Ser Cys Lys Val Ser Gly Tyr Thr Phe Thr Asp Tyr
            20                  25                  30


Tyr Met His Trp Val Gln Gln Ala Pro Gly Lys Gly Leu Glu Trp Met
        35                  40                  45


Gly Leu Val Asp Pro Glu Asp Gly Glu Thr Ile Tyr Ala Glu Lys Phe
    50                  55                  60


Gln Gly Arg Val Thr Ile Thr Ala Asp Thr Ser Thr Asp Thr Ala Tyr
65                  70                  75                  80


Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95


Ala Thr Val Ser Arg Trp Tyr Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
            100                 105                 110
```

Gly Gln Gly Thr Thr Val Thr Val Ser Ser
        115   120

<210> 9419
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9419

Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
1   5   10   15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Ser
            20   25   30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
        35   40   45

Ile Tyr Gly Ala Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
    50   55   60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu
65   70   75   80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Gly Ser Ser Tyr
                85   90   95

Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys
            100   105

<210> 9420
<211> 120
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9420

Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1   5   10   15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asn Leu Ser Asn Tyr
            20   25   30

Ala Met His Trp Val Arg Gln Ala Ser Gly Lys Gly Leu Glu Trp Val
        35   40   45

Ser Leu Ile Ser Tyr Asp Gly Ser Ile Lys Tyr Tyr Thr Asp Ser Val
    50   55   60

Lys Gly Arg Phe Thr Val Ser Gly Asp Asn Ser Lys Asn Thr Leu Phe
65   70   75   80

Leu Gln Met Asn Ser Leu Arg Pro Asp Asp Ser Ala Leu Tyr Tyr Cys
                85   90   95

Val Arg Gly Gly Val Ser Gly Pro Asn Ser Phe Asp Met Trp Gly Gln
            100   105   110

Gly Thr Thr Val Thr Val Ser Ser
        115   120

<210> 9421
<211> 112
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9421

Asp Val Val Met Thr Gln Ser Pro Leu Ser Leu Pro Val Thr Leu Gly
1   5   10   15

Gln Pro Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val Tyr Ser

```
            20                  25                  30

Asp Gly Asn Thr Tyr Val Asn Trp Phe Gln Gln Arg Pro Gly Gln Ser
        35                  40                  45

Pro Arg Arg Leu Ile Tyr Gln Val Ser Ile Arg Ala Ser Gly Val Pro
    50                  55                  60

Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Ala Leu Lys Ile
65                  70                  75                  80

Ser Arg Val Glu Ala Glu Asp Val Gly Ile Tyr Tyr Cys Met Gln Gly
                85                  90                  95

Thr His Trp Pro Val Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
            100                 105                 110


<210>  9422
<211>  125
<212>  PRT
<213>  Artificial sequence

<220>
<223>  Synthetic antibody

<400>  9422

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1               5                   10                  15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Val Phe Ser Asp Tyr
            20                  25                  30

Ser Met Asn Trp Val Arg Leu Ala Pro Gly Lys Gly Leu Ala Trp Val
        35                  40                  45

Ser Val Val Gly Val Asp Ala Val Thr Lys Phe Tyr Glu Asp Ser Val
    50                  55                  60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Ile Tyr
```

65 70 75 80

Leu Gln Met Asn Asn Leu Arg Ala Glu Asp Thr Ala Val Tyr His Cys
85 90 95

Ala Lys Ser Gln Pro Val Ser Arg Met Gly Arg Phe Phe Val Gly Leu
100 105 110

Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
115 120 125

<210> 9423
<211> 110
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9423

Gln Ser Ala Leu Thr Gln Pro Pro Ser Ala Ser Gly Ser Pro Gly Gln
1 5 10 15

Ser Val Thr Ile Ser Cys Thr Gly Ser Ser Asn Asp Val Gly Arg Tyr
20 25 30

Asn Tyr Val Ser Trp Tyr Gln His His Pro Gly Lys Ala Pro Arg Leu
35 40 45

Met Ile Ser Glu Val Val Lys Arg Pro Ser Gly Val Pro Asp Arg Phe
50 55 60

Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Val Ser Gly Leu
65 70 75 80

Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ser Ser Tyr Gly Gly Asn
85 90 95

Asn Ile Leu Leu Phe Gly Gly Gly Thr Lys Leu Thr Val Leu

100 105 110

<210> 9424
<211> 118
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9424

Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ile Ser Tyr
20 25 30

Thr Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Leu Ile Ser Tyr Asp Gly Tyr Asn Lys Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Val Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys
85 90 95

Ala Arg Glu Gly Ser Pro Glu Ala Phe Asp Tyr Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 9425
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9425

Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
1   5   10   15

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

Tyr Trp Tyr Gln Lys Lys Pro Gly Gln Ala Pro Val Leu Val Ile Phe
        35   40   45

Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Gln Arg Phe Ser Gly Ser
    50   55   60

Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65   70   75   80

Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Thr Tyr
                85   90   95

Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100   105

<210> 9426
<211> 117
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9426

Glu Met Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1   5   10   15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Asp Tyr
            20   25   30

```
Tyr Met Tyr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Val Trp Val
        35                  40                  45

Ser Arg Ile Lys Pro Asp Gly Thr Gly Thr Ser Tyr Ala Asp Ser Val
    50                  55                  60

Arg Gly Arg Phe Thr Val Ser Arg Asp Asn Ala Lys Asn Thr Leu Asn
65                  70                  75                  80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95

Val Ala Tyr Asn Trp Asn Tyr Asp Phe Cys Trp Gly Gln Gly Thr Leu
            100                 105                 110

Val Thr Val Ser Ala
        115
```

<210> 9427
<211> 112
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9427

```
Asp Val Thr Val Thr Gln Ser Pro Leu Ser Leu Pro Val Thr Leu Gly
1               5                   10                  15

Gln Pro Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val Tyr Ser
            20                  25                  30

Asp Gly Asn Thr Tyr Leu Asn Trp Phe Gln Gln Arg Pro Gly Gln Ser
        35                  40                  45

Pro Arg Arg Leu Ile Tyr Gln Val Ser Asn Arg Asp Ser Gly Val Pro
    50                  55                  60
```

Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
65 70 75 80

Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr Cys Met Gln Gly
85 90 95

Ser Tyr Trp Pro Phe Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys
100 105 110

<210> 9428
<211> 125
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9428

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ser Ala Ser Gly Phe Ser Tyr Ser Asn Tyr
20 25 30

Trp Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Asn Leu Arg Arg Asp Gly Ser Val Glu His Tyr Val Asp Ser Val
50 55 60

Arg Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asp Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Leu Ser Pro Gly Gly Leu Gly Ala Tyr Tyr Asp Val Phe
100 105 110

Asp Ile Trp Gly Gln Gly Thr Met Val Thr Val Ser Ser
        115   120   125

<210> 9429
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9429

Ala Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Leu Gly
1   5   10   15

Asp Arg Ile Ser Ile Thr Cys Arg Ala Ser Gln Gly Ile Gly Asn Glu
            20   25   30

Leu Gly Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Arg Leu Leu Ile
        35   40   45

Tyr Ala Gly Ser Thr Leu Gln Gly Gly Val Pro Pro Arg Phe Ser Gly
    50   55   60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Ala
65   70   75   80

Glu Asp Phe Ala Thr Tyr Tyr Cys Leu Gln Asp Tyr Ala Tyr Pro Arg
                85   90   95

Thr Phe Gly Pro Gly Thr Lys Val Glu Val Lys
            100   105

<210> 9430
<211> 125
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9430

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1   5   10   15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Val Phe Ser Asp Tyr
            20   25   30

Ser Met Asn Trp Val Arg Leu Ala Pro Gly Lys Gly Leu Ala Trp Val
        35   40   45

Ser Val Val Gly Val Asp Ala Val Thr Lys Phe Tyr Glu Asp Ser Val
    50   55   60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Ile Tyr
65   70   75   80

Leu Gln Met Asn Asn Leu Arg Ala Glu Asp Thr Ala Val Tyr His Cys
                85   90   95

Ala Lys Ser Gln Pro Val Ser Arg Met Gly Arg Phe Phe Val Gly Leu
            100   105   110

Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
        115   120   125

<210> 9431
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9431

Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
1   5   10   15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Ser

```
            20                  25                  30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
        35                  40                  45

Ile Tyr Gly Ala Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
    50                  55                  60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu
65                  70                  75                  80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Gly Ser Ser Tyr
                85                  90                  95

Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys
            100                 105
```

<210> 9432
<211> 122
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9432

```
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1               5                   10                  15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
            20                  25                  30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
    50                  55                  60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
```

65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Lys Asp Gln His Met Val Arg Gly Ala Ile Gly Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 9433
<211> 106
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9433

Glu Ile Val Met Thr Gln Ser Pro Ala Thr Leu Ser Val Ser Pro Gly
1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Asn
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
35 40 45

Tyr Gly Ala Ser Thr Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Ser
65 70 75 80

Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Asn Asn Trp Arg Thr
85 90 95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys

100 105

<210> 9434
<211> 120
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9434

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

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

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Asn Ile Gln Gln Asp Gly Ser Glu Lys Tyr Tyr Val Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Thr Asp Leu Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 9435
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9435

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

Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Asn Ser Trp
            20   25   30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
        35   40   45

Tyr Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
    50   55   60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65   70   75   80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ala His Ser Phe Pro Ile
                85   90   95

Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys
            100   105

<210> 9436
<211> 125
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9436

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1   5   10   15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Val Phe Ser Asp Tyr
            20   25   30

```
Ser Met Asn Trp Val Arg Leu Ala Pro Gly Lys Gly Leu Ala Trp Val
        35                  40                  45


Ser Val Val Gly Val Asp Ala Val Thr Lys Phe Tyr Glu Asp Ser Val
    50                  55                  60


Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Ile Tyr
65                  70                  75                  80


Leu Gln Met Asn Asn Leu Arg Ala Glu Asp Thr Ala Val Tyr His Cys
                85                  90                  95


Ala Lys Ser Gln Pro Val Ser Arg Met Gly Arg Phe Phe Val Gly Leu
            100                 105                 110


Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
        115                 120                 125


<210>  9437
<211>  108
<212>  PRT
<213>  Artificial sequence

<220>
<223>  Synthetic antibody

<400>  9437

Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln
1               5                   10                  15


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


Tyr Trp Tyr Gln Lys Lys Pro Gly Gln Ala Pro Val Leu Val Ile Phe
        35                  40                  45


Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Gln Arg Phe Ser Gly Ser
    50                  55                  60
```

```
Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65                  70                  75                  80


Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Thr Tyr
                85                  90                  95


Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100                 105
```

<210> 9438
<211> 118
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9438

```
Gln Val Gln Leu Val Gln Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1               5                   10                  15


Ser Leu Arg Leu Ser Cys Thr Ala Ser Gly Phe Thr Phe Ser Asn Tyr
            20                  25                  30


Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Gly
        35                  40                  45


Ala Val Ile Ser Tyr Asp Gly Thr Ile Thr Leu Tyr Glu Asp Ser Met
    50                  55                  60


Arg Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Arg Asp Thr Leu Tyr
65                  70                  75                  80


Leu Gln Met Asn Ser Leu Arg Pro Asp Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95


Gly Arg Asp Leu Ser Gly Gly Gly Leu Asp Val Trp Gly Gln Gly Thr
            100                 105                 110
```

Thr Val Thr Val Ser Ser
        115

<210> 9439
<211> 110
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9439

Gln Ser Ala Leu Thr Gln Ala Arg Ser Val Ser Gly Ser Pro Gly Gln
1   5   10   15

Ser Val Thr Val Ser Cys Thr Gly Ser Ser Asn Asp Val Gly Gly His
            20   25   30

Asn Tyr Val Ser Trp Tyr Gln His Ser Pro Gly Lys Ala Pro Lys Leu
        35   40   45

Ile Ile Tyr Asp Val Thr Lys Arg Pro Ser Gly Val Pro Asp Arg Phe
    50   55   60

Ser Gly Ser Lys Ser Gly Asp Thr Ala Ser Leu Thr Ile Ser Gly Leu
65   70   75   80

Gln Ala Asp Asp Glu Gly Asp Tyr Tyr Cys Cys Ser Tyr Lys Ser Thr
                85   90   95

Tyr Asp Tyr Val Phe Gly Ser Gly Thr Thr Val Ser Val Leu
            100   105   110

<210> 9440
<211> 121
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9440

Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1   5   10   15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ile Tyr
            20   25   30

Ala Ile His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Met
        35   40   45

Ala Val Ile Ser Tyr Asp Gly Asn Asn Gln Tyr Tyr Ala Asp Ser Val
    50   55   60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65   70   75   80

Leu Gln Met Asn Ser Leu Arg Thr Asp Asp Thr Ala Val Tyr Tyr Cys
                85   90   95

Ala Arg Ser Glu Gly Gly Gly Tyr His Asp Ala Phe Asp Ile Trp Gly
            100   105   110

Gln Gly Thr Met Val Thr Val Ser Ser
        115   120

<210> 9441
<211> 111
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9441

Gln Leu Val Leu Thr Gln Ser Pro Ser Ala Ser Ala Ser Leu Gly Ala
1   5   10   15

Ser Val Lys Leu Thr Cys Thr Leu Ser Ser Gly His Ser Ser Tyr Ala

20 25 30

Ile Ala Trp His Gln Gln Gln Pro Glu Lys Gly Pro Arg Tyr Leu Met
35 40 45

Lys Leu Asn Ser Asp Gly Ser His Asn Lys Gly Asp Gly Ile Pro Asp
50 55 60

Arg Phe Ser Gly Ser Ser Ser Gly Ala Glu Arg Tyr Leu Thr Ile Ser
65 70 75 80

Ser Leu Gln Ser Glu Asp Glu Ala Asp Tyr Phe Cys Gln Thr Trp Gly
85 90 95

Thr Gly Ile His Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105 110

<210> 9442
<211> 118
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9442

Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ile Ser Tyr
20 25 30

Thr Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Leu Ile Ser Tyr Asp Gly Tyr Asn Lys Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr

65 70 75 80

Val Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu Tyr Tyr Cys
85 90 95

Ala Arg Glu Gly Ser Pro Glu Ala Phe Asp Tyr Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 9443
<211> 109
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9443

Ser Phe Glu Leu Thr Gln Pro Pro Ser Leu Ser Val Ser Pro Gly Gln
1 5 10 15

Thr Ala Arg Ile Thr Cys Ser Gly Asp Ala Leu Ser Lys Gln Phe Thr
20 25 30

Tyr Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Ile Tyr
35 40 45

Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
50 55 60

Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65 70 75 80

Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala His Ser Ser Gly Phe Tyr
85 90 95

Arg Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu

100 105

<210> 9444
<211> 124
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9444

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

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

Ser Phe Ile Ser Gly Gly Gly Glu Thr Thr Asp Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Gly Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Lys Ser Pro Asp Ala Thr Phe Leu Trp Phe Gly Glu Pro Phe Gly
100 105 110

Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 9445
<211> 107
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9445

Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Val Ser Pro Gly
1   5   10   15

Glu Arg Val Thr Leu Ser Cys Arg Ala Ser Gln Thr Val Asn Asn Asn
            20   25   30

Leu Asn Trp Leu Gln His Lys Pro Gly Gln Ala Pro Arg Leu Val Ile
        35   40   45

Ile Gly Thr Ser Thr Arg Ala Ser Gly Val Pro Ala Arg Phe Ser Gly
    50   55   60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Ser
65   70   75   80

Glu Asp Tyr Ala Ile Tyr Tyr Cys Gln Gln Tyr Tyr Glu Trp Pro Pro
                85   90   95

Ile Thr Tyr Gly Gln Gly Thr Arg Leu Glu Ile
            100   105

<210> 9446
<211> 127
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9446

Gln Val Gln Leu Glu Gln Ser Gly Ala Glu Val Lys Arg Pro Gly Ser
1   5   10   15

Ser Val Lys Val Ser Cys Lys Gly Asp Gly Asp Thr Phe Ser Thr Tyr
            20   25   30

```
Ala Ile Thr Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
        35                  40                  45

Gly Arg Ile Ile Pro Gly Leu Asp Leu Val Asp Asn Gln Gln Lys Phe
    50                  55                  60

Gln Asp Arg Leu Thr Ile Thr Ala Asp Lys Ser Thr Thr Thr Ala Tyr
65                  70                  75                  80

Met Glu Leu Arg Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95

Ala Arg Gly Arg Arg Tyr Asp Phe Leu Asp Gly Gln Tyr Thr Ser Trp
            100                 105                 110

Tyr Phe Asp Ile Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
        115                 120                 125
```

<210> 9447
<211> 113
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9447

```
Glu Ile Val Met Thr Gln Ser Pro Asp Ser Leu Thr Val Ser Leu Gly
1               5                   10                  15

Glu Arg Ala Thr Ile Ser Cys Lys Ser Ser Gln Ser Leu Leu Tyr Ser
            20                  25                  30

Ser Asn Asn Arg Asp Tyr Leu Ala Trp Tyr Gln Gln Lys Ala Gly Gln
        35                  40                  45

Pro Pro Lys Leu Leu Phe Tyr Trp Ala Ser Thr Arg Glu Ser Gly Val
    50                  55                  60
```

```
Pro Asp Arg Phe Gly Gly Ser Gly Ser Gly Thr His Phe Thr Leu Thr
65                  70                  75                  80


Ile Tyr Asn Leu Gln Pro Glu Asp Val Ala Val Tyr Phe Cys Gln Gln
                85                  90                  95


Tyr Phe Ser Pro Pro Tyr Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile
            100                 105                 110


Lys
```

<210> 9448
<211> 120
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9448

```
Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1               5                   10                  15


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


Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45


Ala Asn Ile Gln Gln Asp Gly Ser Glu Lys Tyr Tyr Val Asp Ser Val
    50                  55                  60


Lys Gly Arg Phe Thr Ile Ser Thr Asp Leu Ala Lys Asn Ser Leu Tyr
65                  70                  75                  80


Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95
```

```
Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr Trp Gly Gln
            100                 105                 110


Gly Thr Leu Val Thr Val Ser Ser
        115                 120


<210>  9449
<211>  107
<212>  PRT
<213>  Artificial sequence

<220>
<223>  Synthetic antibody

<400>  9449

Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
1               5                   10                  15


Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Ser
            20                  25                  30


Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
        35                  40                  45


Ile Tyr Gly Ala Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
    50                  55                  60


Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu
65                  70                  75                  80


Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Gly Ser Ser Tyr
                85                  90                  95


Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys
            100                 105


<210>  9450
<211>  117
<212>  PRT
```

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9450

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Thr Leu Ser Cys Ala Ala Ser Gly Leu Thr Ile Arg Asn Tyr
20 25 30

Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Asn Met Glu Glu Asp Gly Ser Glu Lys Asn Tyr Val Asp Ser Val
50 55 60

Lys Gly Arg Phe Ile Ile Ser Arg Asp Asp Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser Trp Gly Gln Gly Thr Val
100 105 110

Val Thr Val Ser Ser
115

<210> 9451
<211> 108
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9451

Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln

```
1               5                   10                  15


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


Tyr Trp Tyr Gln Lys Lys Pro Gly Gln Ala Pro Val Leu Val Ile Phe
        35                  40                  45


Lys Asp Ser Glu Arg Pro Ser Gly Ile Pro Gln Arg Phe Ser Gly Ser
    50                  55                  60


Ser Ser Gly Thr Thr Val Thr Leu Thr Ile Ser Gly Val Gln Ala Glu
65                  70                  75                  80


Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Ala Asp Ser Ser Gly Thr Tyr
                85                  90                  95


Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100                 105


<210>  9452
<211>  8
<212>  PRT
<213>  Artificial sequence

<220>
<223>  Synthetic antibody

<400>  9452

Gly Asn Thr Phe Pro Thr Tyr Asp
1               5


<210>  9453
<211>  8
<212>  PRT
<213>  Artificial sequence

<220>
<223>  Synthetic antibody

<400>  9453
```

Ile Asn Thr Asn Thr Gly Ser Pro
1 5

<210> 9454
<211> 11
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9454

Ala Arg Glu Gly Tyr His Tyr Gly Met Asp Val
1 5 10

<210> 9455
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9455

Gly Gly Thr Phe Asn Ser His Ala
1 5

<210> 9456
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9456

Ile Val Pro Ile Arg Lys Thr Thr
1 5

<210> 9457
<211> 12
<212> PRT

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9457

Ala Arg Val Ile Leu Ser Gly Arg Gly Phe Asp Ile
1 5 10

<210> 9458
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9458

Gly Phe Ile Phe Ser Asn Phe Trp
1 5

<210> 9459
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9459

Ile Gln Gln Asp Gly Ser Glu Lys
1 5

<210> 9460
<211> 13
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9460

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr

1 5 10

<210> 9461
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9461

Gly Phe Ile Phe Ser Asn Phe Trp
1 5

<210> 9462
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9462

Ile Gln Gln Asp Gly Ser Glu Lys
1 5

<210> 9463
<211> 13
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9463

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr
1 5 10

<210> 9464
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9464

Gly Phe Thr Phe Ser Ser Tyr Ala
1   5

<210> 9465
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9465

Ile Ser Gly Gly Gly Glu Thr Thr
1   5

<210> 9466
<211> 17
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9466

Ala Lys Ser Pro Asp Ala Thr Phe Leu Trp Phe Gly Glu Pro Phe Gly
1   5   10   15

Tyr

<210> 9467
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9467

Gly Phe Thr Phe Ser Ser Tyr Ala
1 5

<210> 9468
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9468

Ile Ser Tyr Asp Gly Ser Asn Lys
1 5

<210> 9469
<211> 14
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9469

Ala Arg Asp Pro Asn Pro Met Val Leu Ala Tyr Phe Asp Tyr
1 5 10

<210> 9470
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9470

Gly Phe Thr Phe Ser Ser Tyr Ala
1 5

<210> 9471
<211> 8
<212> PRT

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9471

Ile Ser Gly Gly Gly Glu Thr Thr
1   5

<210> 9472
<211> 17
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9472

Ala Lys Ser Pro Asp Ala Thr Phe Leu Trp Phe Gly Glu Pro Phe Gly
1   5   10   15

Tyr

<210> 9473
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9473

Gly Phe Asn Leu Ser Asn Tyr Ala
1   5

<210> 9474
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9474

Ile Ser Tyr Asp Gly Ser Ile Lys
1 5

<210> 9475
<211> 13
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9475

Val Arg Gly Gly Val Ser Gly Pro Asn Ser Phe Asp Met
1 5 10

<210> 9476
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9476

Gly Leu Thr Ile Arg Asn Tyr Trp
1 5

<210> 9477
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9477

Met Glu Glu Asp Gly Ser Glu Lys
1 5

<210> 9478

<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9478

Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser
1 5 10

<210> 9479
<211> 9
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9479

Gly Gly Ser Ile Ser Ser Pro Asn Trp
1 5

<210> 9480
<211> 7
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9480

Val Tyr Pro Thr Gly Asn Thr
1 5

<210> 9481
<211> 17
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9481

Ala Arg Gly Val Val Gly Ala Ser Asp Phe Tyr Tyr Tyr Gly Met Asp
1 5 10 15

Val

<210> 9482
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9482

Gly Asp Ser Ile Ser Arg Ser Asp Tyr His
1 5 10

<210> 9483
<211> 7
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9483

Ile Tyr Asn Asn Gly Asp Thr
1 5

<210> 9484
<211> 14
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9484

Ala Arg Asp Gly Tyr Ala Gly Asn Ser Glu Ala Leu Asp Tyr
1 5 10

<210> 9485
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9485

Gly Phe Ile Phe Ser Asn Phe Trp
1 5

<210> 9486
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9486

Ile Gln Gln Asp Gly Ser Glu Lys
1 5

<210> 9487
<211> 13
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9487

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr
1 5 10

<210> 9488
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9488

Gly Phe Ile Phe Ser Asn Phe Trp
1   5

<210> 9489
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9489

Ile Gln Gln Asp Gly Ser Glu Lys
1   5

<210> 9490
<211> 13
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9490

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr
1   5   10

<210> 9491
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9491

Lys Phe Thr Phe Ser Thr Tyr His
1   5

<210> 9492

<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9492

Ile Ser Ala Asp Ser Thr Val Thr
1 5

<210> 9493
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9493

Ala Arg Gly Arg Ala Arg Gly Ser Asp His Thr Gly Phe Asp Ser
1 5 10 15

<210> 9494
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9494

Gly Phe Ile Phe Ser Asn Phe Trp
1 5

<210> 9495
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9495

Ile Gln Gln Asp Gly Ser Glu Lys
1 5

<210> 9496
<211> 13
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9496

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr
1 5 10

<210> 9497
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9497

Gly Phe Ile Phe Ser Asn Phe Trp
1 5

<210> 9498
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9498

Ile Gln Gln Asp Gly Ser Glu Lys
1 5

<210> 9499
<211> 13
<212> PRT

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9499

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr
1   5   10

<210> 9500
<211> 9
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9500

Gly Gly Ser Ile Ser Ser Pro Asn Trp
1   5

<210> 9501
<211> 7
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9501

Val Tyr Pro Thr Gly Asn Thr
1   5

<210> 9502
<211> 17
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9502

Ala Arg Gly Val Val Gly Ala Ser Asp Phe Tyr Tyr Tyr Gly Met Asp

1 5 10 15

Val

<210> 9503
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9503

Gly Gly Ser Ile Ser Ser Tyr Tyr
1 5

<210> 9504
<211> 7
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9504

Ile Tyr Tyr Ser Gly Ser Thr
1 5

<210> 9505
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9505

Ala Arg Gly Phe Asp Tyr
1 5

<210> 9506

<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9506

Gly Leu Thr Ile Arg Asn Tyr Trp
1 5

<210> 9507
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9507

Met Glu Glu Asp Gly Ser Glu Lys
1 5

<210> 9508
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9508

Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser
1 5 10

<210> 9509
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9509

Gly Phe Ile Phe Ser Asn Phe Trp
1 5

<210> 9510
<211> 8
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9510

Ile Gln Gln Asp Gly Ser Glu Lys
1 5

<210> 9511
<211> 13
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9511

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr
1 5 10

<210> 9512
<211> 9
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9512

Gly Gly Ser Ile Ser Ser Pro Asn Trp
1 5

<210> 9513
<211> 7
<212> PRT

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9513

Val Tyr Pro Thr Gly Asn Thr
1 5

<210> 9514
<211> 17
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9514

Ala Arg Gly Val Val Gly Ala Ser Asp Phe Tyr Tyr Tyr Gly Met Asp
1 5 10 15

Val

<210> 9515
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9515

Gly Leu Thr Ile Arg Asn Tyr Trp
1 5

<210> 9516
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9516

Met Glu Glu Asp Gly Ser Glu Lys
1 5

<210> 9517
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9517

Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser
1 5 10

<210> 9518
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9518

Gly Phe Ile Phe Ser Asn Phe Trp
1 5

<210> 9519
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9519

Ile Gln Gln Asp Gly Ser Glu Lys
1 5

<210> 9520

<211> 13
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9520

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr
1 5 10

<210> 9521
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9521

Gly Gly Thr Phe Ile Asn Tyr Ala
1 5

<210> 9522
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9522

Ile Ile Pro Leu Leu Gly Val Ala
1 5

<210> 9523
<211> 20
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9523

Ala Arg Glu Tyr Ser Ser Ser Arg Pro Leu Phe Tyr Thr Tyr Asn Tyr
1 5 10 15

Gly Met Asp Val
20

<210> 9524
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9524

Gly Leu Thr Ile Arg Asn Tyr Trp
1 5

<210> 9525
<211> 8
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9525

Met Glu Glu Asp Gly Ser Glu Lys
1 5

<210> 9526
<211> 10
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9526

Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser
1 5 10

<210> 9527
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9527

Gly Leu Thr Ile Arg Asn Tyr Trp
1 5

<210> 9528
<211> 8
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9528

Met Glu Glu Asp Gly Ser Glu Lys
1 5

<210> 9529
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9529

Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser
1 5 10

<210> 9530
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9530

Gly Leu Thr Ile Arg Asn Tyr Trp
1 5

<210> 9531
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9531

Met Glu Glu Asp Gly Ser Glu Lys
1 5

<210> 9532
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9532

Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser
1 5 10

<210> 9533
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9533

Gly Leu Thr Ile Arg Asn Tyr Trp
1 5

<210> 9534

<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9534

Met Glu Glu Asp Gly Ser Glu Lys
1   5

<210> 9535
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9535

Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser
1   5   10

<210> 9536
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9536

Gly Asp Thr Phe Ser Thr Tyr Ala
1   5

<210> 9537
<211> 8
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9537

Ile Ile Pro Gly Leu Asp Leu Val
1 5

<210> 9538
<211> 20
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9538

Ala Arg Gly Arg Arg Tyr Asp Phe Leu Asp Gly Gln Tyr Thr Ser Trp
1 5 10 15

Tyr Phe Asp Ile
20

<210> 9539
<211> 8
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9539

Gly Phe Thr Phe Ser Ser Tyr Ala
1 5

<210> 9540
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9540

Ile Ser Gly Gly Gly Glu Thr Thr
1 5

<210> 9541
<211> 17
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9541

Ala Lys Ser Pro Asp Ala Thr Phe Leu Trp Phe Gly Glu Pro Phe Gly
1   5   10   15

Tyr

<210> 9542
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9542

Gly Tyr Gly Phe Ile Thr Tyr Trp
1   5

<210> 9543
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9543

Ile Tyr Pro Gly Asp Ser Glu Thr
1   5

<210> 9544
<211> 12
<212> PRT

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9544

Ala Gly Gly Ser Gly Ile Ser Thr Pro Met Asp Val
1   5   10

<210> 9545
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9545

Gly Gly Ser Ile Ser Ser Gly Ser His Tyr
1   5   10

<210> 9546
<211> 7
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9546

Ile Tyr Thr Ser Gly Ser Thr
1   5

<210> 9547
<211> 17
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9547

Ala Arg Asp Ser Leu Ser Gly Ser Tyr His Tyr Tyr Tyr Gly Met Asp

1 5 10 15

Val

<210> 9548
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9548

Gly Phe Thr Phe Ile Ser Tyr Thr
1 5

<210> 9549
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9549

Ile Ser Tyr Asp Gly Tyr Asn Lys
1 5

<210> 9550
<211> 11
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9550

Ala Arg Glu Gly Ser Pro Glu Ala Phe Asp Tyr
1 5 10

<210> 9551

<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9551

Gly Phe Thr Phe Thr Asn His Trp
1 5

<210> 9552
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9552

Ile Lys Gln Asp Gly Ala Glu Lys
1 5

<210> 9553
<211> 17
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9553

Ala Arg Arg Ile Thr Met Ala Leu Ala Gly Trp Gly Trp Gly Met Asp
1 5 10 15

Val

<210> 9554
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9554

Gly Tyr Thr Phe Thr Ser Tyr Ala
1   5

<210> 9555
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9555

Ile Asn Ile Asn Thr Gly Asn Pro
1   5

<210> 9556
<211> 19
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9556

Ala Arg Asp Arg Gly Ile Ala Ala Arg Arg Gly Tyr Tyr Tyr Tyr Gly
1   5   10   15

Met Asp Val

<210> 9557
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9557

Gly Asp Thr Phe Ser Thr Tyr Ala
1 5

<210> 9558
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9558

Ile Ile Pro Gly Leu Asp Leu Val
1 5

<210> 9559
<211> 20
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9559

Ala Arg Gly Arg Arg Tyr Asp Phe Leu Asp Gly Gln Tyr Thr Ser Trp
1 5 10 15

Tyr Phe Asp Ile
20

<210> 9560
<211> 8
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9560

Gly Gly Ser Ile Ser Ser Tyr Tyr
1 5

<210> 9561
<211> 7
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9561

Ile Tyr Tyr Ser Gly Ser Thr
1   5

<210> 9562
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9562

Ala Arg Gly Phe Asp Tyr
1   5

<210> 9563
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9563

Gly Gly Ser Phe Ser Gly Pro Tyr
1   5

<210> 9564
<211> 7
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9564

Ile Gly Pro Arg Gly Ile Thr
1 5

<210> 9565
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9565

Ala Arg Gly Leu Val Ile Gly Arg Ser Ser Leu Asn Phe Asp Ser
1 5 10 15

<210> 9566
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9566

Gly Phe Thr Phe Ser Gly Tyr Ala
1 5

<210> 9567
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9567

Ile Ser Gly Asn Asn Asn Asp Met
1 5

<210> 9568

<211> 12
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9568

Ala Arg Asp Asn Leu Ala Leu Ala Gly Glu Asp Tyr
1 5 10

<210> 9569
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9569

Gly Phe Thr Phe Ser Ser Tyr Ala
1 5

<210> 9570
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9570

Ile Ser Gly Gly Gly Glu Thr Thr
1 5

<210> 9571
<211> 17
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9571

Ala Lys Ser Pro Asp Ala Thr Phe Leu Trp Phe Gly Glu Pro Phe Gly
1   5   10   15

Tyr

<210> 9572
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9572

Gly Phe Val Phe Ser Asp Tyr Ser
1   5

<210> 9573
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9573

Val Gly Val Asp Ala Val Thr Lys
1   5

<210> 9574
<211> 18
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9574

Ala Lys Ser Gln Pro Val Ser Arg Met Gly Arg Phe Phe Val Gly Leu
1   5   10   15

Asp Val

<210> 9575
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9575

Gly Phe Thr Phe Ser Ser Tyr Ser
1 5

<210> 9576
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9576

Ile Ser Ser Thr Ser Ser Tyr Ile
1 5

<210> 9577
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9577

Ala Arg Arg Arg Ala Ala Thr Gly Thr Glu Phe Tyr Phe Asp Tyr
1 5 10 15

<210> 9578
<211> 8
<212> PRT

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9578

Gly Gly Thr Phe Asn Ser His Ala
1 5

<210> 9579
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9579

Ile Val Pro Ile Arg Lys Thr Thr
1 5

<210> 9580
<211> 12
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9580

Ala Arg Val Ile Leu Ser Gly Arg Gly Phe Asp Ile
1 5 10

<210> 9581
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9581

Gly Gly Thr Phe Ser Ser Tyr Ala

1 5

<210> 9582
<211> 8
<212> PRT
<213> Artificial sequence

<220>
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<400> 9582

Ile Ile Leu Ile Leu Gly Ile Thr
1 5

<210> 9583
<211> 20
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9583

Ala Arg Glu Arg Pro Arg Asp Pro Ser Ser Asn Tyr Val Ala Tyr Tyr
1 5 10 15

Ala Met Asp Val
20

<210> 9584
<211> 9
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9584

Gly Gly Ser Ile Ser Ser Pro Asn Trp
1 5

<210> 9585

<211> 7
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9585

Val Tyr Pro Thr Gly Asn Thr
1 5

<210> 9586
<211> 17
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9586

Ala Arg Gly Val Val Gly Ala Ser Asp Phe Tyr Tyr Tyr Gly Met Asp
1 5 10 15

Val

<210> 9587
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9587

Gly Leu Thr Ile Arg Asn Tyr Trp
1 5

<210> 9588
<211> 8
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9588

Met Glu Glu Asp Gly Ser Glu Lys
1   5

<210> 9589
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9589

Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser
1   5   10

<210> 9590
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9590

Gly Gly Ser Phe Thr Asp Ser Tyr
1   5

<210> 9591
<211> 7
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9591

Val Asn His Ser Gly Ser Thr
1   5

<210> 9592
<211> 19
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9592

Ala Arg Gly Met Ala Val Arg Gly Arg Gln Leu Tyr Leu Leu Gly Gly
1   5   10   15

Tyr Asp Leu

<210> 9593
<211> 8
<212> PRT
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<220>
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<400> 9593

Gly Asp Ser Ile Tyr Gly Tyr Tyr
1   5

<210> 9594
<211> 7
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9594

Val Tyr His Ser Gly Ser Thr
1   5

<210> 9595
<211> 12
<212> PRT

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9595

Ala Arg Gly Leu Ala Gly Gly Gly Tyr Phe Asp Ala
1 5 10

<210> 9596
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9596

Gly Phe Pro Phe Gly Gly Tyr Gly
1 5

<210> 9597
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9597

Ile Asn Trp Ser Ala Asp Arg Arg
1 5

<210> 9598
<211> 12
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9598

Ala Arg Glu Arg Thr Ser Arg Arg Asp Phe Asp Phe

1 5 10

<210> 9599
<211> 8
<212> PRT
<213> Artificial sequence

<220>
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<400> 9599

Gly Phe Thr Phe Thr Ser Tyr Trp
1 5

<210> 9600
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<212> PRT
<213> Artificial sequence

<220>
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<400> 9600

Ile Lys Gln Asp Gly Ser Glu Lys
1 5

<210> 9601
<211> 14
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9601

Ala Arg Asp Leu Gly Ser Gly Ser Tyr His Leu Phe Asp Tyr
1 5 10

<210> 9602
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<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9602

Gly Tyr Thr Phe Thr Ser Tyr Ala
1   5

<210> 9603
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<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9603

Ile Asn Ile Asn Thr Gly Asn Pro
1   5

<210> 9604
<211> 19
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9604

Ala Arg Asp Arg Gly Ile Ala Ala Arg Arg Gly Tyr Tyr Tyr Tyr Gly
1   5   10   15

Met Asp Val

<210> 9605
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<220>
<223> Synthetic antibody

<400> 9605

Gly Phe Pro Phe Gly Gly Tyr Gly
1 5

<210> 9606
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<220>
<223> Synthetic antibody

<400> 9606

Ile Asn Trp Ser Ala Asp Arg Arg
1 5

<210> 9607
<211> 12
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9607

Ala Arg Glu Arg Thr Ser Arg Arg Asp Phe Asp Phe
1 5 10

<210> 9608
<211> 8
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9608

Gly Phe Thr Phe Thr Ser Tyr Trp
1 5

<210> 9609
<211> 8
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<220>
<223> Synthetic antibody

<400> 9609

Ile Lys Gln Asp Gly Ser Glu Lys
1   5

<210> 9610
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<212> PRT
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<220>
<223> Synthetic antibody

<400> 9610

Ala Arg Asp Leu Gly Ser Gly Ser Tyr His Leu Phe Asp Tyr
1   5   10

<210> 9611
<211> 8
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9611

Gly Gly Ser Ile Ser Ser Tyr Tyr
1   5

<210> 9612
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<212> PRT
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<220>
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<400> 9612

Ile Tyr Tyr Ser Gly Ser Thr

1 5

<210> 9613
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<212> PRT
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<220>
<223> Synthetic antibody

<400> 9613

Ala Arg Gly Phe Asp Tyr
1 5

<210> 9614
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<220>
<223> Synthetic antibody

<400> 9614

Gly Tyr Asn Phe Thr Asn His Pro
1 5

<210> 9615
<211> 8
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<220>
<223> Synthetic antibody

<400> 9615

Ile Asn Thr Asn Thr Gly Asn Pro
1 5

<210> 9616
<211> 17
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9616

Val Arg Glu Asp Leu Arg Leu Arg Gln Val Trp Trp Arg Trp Phe Asp
1   5   10   15

Pro

<210> 9617
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9617

Gly Phe Thr Phe Ser Ser Tyr Ala
1   5

<210> 9618
<211> 8
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9618

Ile Ser Tyr Asp Gly Ser Asn Lys
1   5

<210> 9619
<211> 14
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9619

Ala Arg Gly Lys Leu Gly Ile Val Gly Asp Ala Phe Asp Ile
1 5 10

<210> 9620
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9620

Gly Asp Ser Ile Tyr Gly Tyr Tyr
1 5

<210> 9621
<211> 7
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9621

Val Tyr His Ser Gly Ser Thr
1 5

<210> 9622
<211> 12
<212> PRT
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<220>
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<400> 9622

Ala Arg Gly Leu Ala Gly Gly Gly Tyr Phe Asp Ala
1 5 10

<210> 9623
<211> 8
<212> PRT

<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9623

Gly Asp Thr Phe Ser Thr Tyr Ala
1   5

<210> 9624
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<220>
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<400> 9624

Ile Ile Pro Gly Leu Asp Leu Val
1   5

<210> 9625
<211> 20
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9625

Ala Arg Gly Arg Arg Tyr Asp Phe Leu Asp Gly Gln Tyr Thr Ser Trp
1   5   10   15

Tyr Phe Asp Ile
            20

<210> 9626
<211> 8
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9626

Gly Tyr Thr Phe Thr Asp Tyr Tyr
1 5

<210> 9627
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<212> PRT
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<220>
<223> Synthetic antibody

<400> 9627

Val Asp Pro Glu Asp Gly Glu Thr
1 5

<210> 9628
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<212> PRT
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<220>
<223> Synthetic antibody

<400> 9628

Ala Thr Val Ser Arg Trp Tyr Tyr Tyr Tyr Tyr Gly Met Asp Val
1 5 10 15

<210> 9629
<211> 8
<212> PRT
<213> Artificial sequence

<220>
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<400> 9629

Gly Phe Asn Leu Ser Asn Tyr Ala
1 5

<210> 9630

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<220>
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<400> 9630

Ile Ser Tyr Asp Gly Ser Ile Lys
1 5

<210> 9631
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<212> PRT
<213> Artificial sequence

<220>
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<400> 9631

Val Arg Gly Gly Val Ser Gly Pro Asn Ser Phe Asp Met
1 5 10

<210> 9632
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<220>
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<400> 9632

Gly Phe Val Phe Ser Asp Tyr Ser
1 5

<210> 9633
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<220>
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<400> 9633

Val Gly Val Asp Ala Val Thr Lys
1 5

<210> 9634
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<212> PRT
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<220>
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<400> 9634

Ala Lys Ser Gln Pro Val Ser Arg Met Gly Arg Phe Phe Val Gly Leu
1 5 10 15

Asp Val

<210> 9635
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9635

Gly Phe Thr Phe Ile Ser Tyr Thr
1 5

<210> 9636
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<223> Synthetic antibody

<400> 9636

Ile Ser Tyr Asp Gly Tyr Asn Lys
1 5

<210> 9637
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<212> PRT
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<220>
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<400> 9637

Ala Arg Glu Gly Ser Pro Glu Ala Phe Asp Tyr
1 5 10

<210> 9638
<211> 8
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<220>
<223> Synthetic antibody

<400> 9638

Gly Phe Thr Phe Ser Asp Tyr Tyr
1 5

<210> 9639
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<220>
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<400> 9639

Ile Lys Pro Asp Gly Thr Gly Thr
1 5

<210> 9640
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<213> Artificial sequence

<220>
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<400> 9640

Val Ala Tyr Asn Trp Asn Tyr Asp Phe Cys
1 5 10

<210> 9641
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<212> PRT
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<220>
<223> Synthetic antibody

<400> 9641

Gly Phe Ser Tyr Ser Asn Tyr Trp
1 5

<210> 9642
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9642

Leu Arg Arg Asp Gly Ser Val Glu
1 5

<210> 9643
<211> 18
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9643

Ala Arg Asp Leu Ser Pro Gly Gly Leu Gly Ala Tyr Tyr Asp Val Phe
1 5 10 15

Asp Ile

<210> 9644
<211> 8
<212> PRT
<213> Artificial sequence

<220>
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<400> 9644

Gly Phe Val Phe Ser Asp Tyr Ser
1   5

<210> 9645
<211> 8
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<220>
<223> Synthetic antibody

<400> 9645

Val Gly Val Asp Ala Val Thr Lys
1   5

<210> 9646
<211> 18
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9646

Ala Lys Ser Gln Pro Val Ser Arg Met Gly Arg Phe Phe Val Gly Leu
1   5   10   15

Asp Val

<210> 9647

<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9647

Gly Phe Thr Phe Ser Ser Tyr Ala
1 5

<210> 9648
<211> 8
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9648

Ile Ser Gly Ser Gly Gly Ser Thr
1 5

<210> 9649
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9649

Ala Lys Asp Gln His Met Val Arg Gly Ala Ile Gly Phe Asp Tyr
1 5 10 15

<210> 9650
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<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9650

Gly Phe Ile Phe Ser Asn Phe Trp
1 5

<210> 9651
<211> 8
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9651

Ile Gln Gln Asp Gly Ser Glu Lys
1 5

<210> 9652
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<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9652

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr
1 5 10

<210> 9653
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9653

Gly Phe Val Phe Ser Asp Tyr Ser
1 5

<210> 9654
<211> 8
<212> PRT

<213> Artificial sequence

<220>
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<400> 9654

Val Gly Val Asp Ala Val Thr Lys
1 5

<210> 9655
<211> 18
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9655

Ala Lys Ser Gln Pro Val Ser Arg Met Gly Arg Phe Phe Val Gly Leu
1 5 10 15

Asp Val

<210> 9656
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9656

Gly Phe Thr Phe Ser Asn Tyr Ala
1 5

<210> 9657
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<212> PRT
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<220>
<223> Synthetic antibody

<400> 9657

Ile Ser Tyr Asp Gly Thr Ile Thr
1 5

<210> 9658
<211> 11
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9658

Gly Arg Asp Leu Ser Gly Gly Gly Leu Asp Val
1 5 10

<210> 9659
<211> 8
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9659

Gly Phe Thr Phe Ser Ile Tyr Ala
1 5

<210> 9660
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<220>
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<400> 9660

Ile Ser Tyr Asp Gly Asn Asn Gln
1 5

<210> 9661

<211> 14
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9661

Ala Arg Ser Glu Gly Gly Gly Tyr His Asp Ala Phe Asp Ile
1 5 10

<210> 9662
<211> 8
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9662

Gly Phe Thr Phe Ile Ser Tyr Thr
1 5

<210> 9663
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9663

Ile Ser Tyr Asp Gly Tyr Asn Lys
1 5

<210> 9664
<211> 11
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9664

Ala Arg Glu Gly Ser Pro Glu Ala Phe Asp Tyr
1 5 10

<210> 9665
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<212> PRT
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<220>
<223> Synthetic antibody

<400> 9665

Gly Phe Thr Phe Ser Ser Tyr Ala
1 5

<210> 9666
<211> 8
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9666

Ile Ser Gly Gly Gly Glu Thr Thr
1 5

<210> 9667
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<212> PRT
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<220>
<223> Synthetic antibody

<400> 9667

Ala Lys Ser Pro Asp Ala Thr Phe Leu Trp Phe Gly Glu Pro Phe Gly
1 5 10 15

Tyr

<210> 9668
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9668

Gly Asp Thr Phe Ser Thr Tyr Ala
1   5

<210> 9669
<211> 8
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<220>
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<400> 9669

Ile Ile Pro Gly Leu Asp Leu Val
1   5

<210> 9670
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<220>
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<400> 9670

Ala Arg Gly Arg Arg Tyr Asp Phe Leu Asp Gly Gln Tyr Thr Ser Trp
1   5   10   15

Tyr Phe Asp Ile
            20

<210> 9671
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<213> Artificial sequence

<220>
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<400> 9671

Gly Phe Ile Phe Ser Asn Phe Trp
1   5

<210> 9672
<211> 8
<212> PRT
<213> Artificial sequence

<220>
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<400> 9672

Ile Gln Gln Asp Gly Ser Glu Lys
1   5

<210> 9673
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<212> PRT
<213> Artificial sequence

<220>
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<400> 9673

Ala Arg Gln His Gly Asp Tyr Asp Trp Tyr Phe Asp Tyr
1   5   10

<210> 9674
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<212> PRT
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<220>
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<400> 9674

Gly Leu Thr Ile Arg Asn Tyr Trp

1 5

<210> 9675
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<220>
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<400> 9675

Met Glu Glu Asp Gly Ser Glu Lys
1 5

<210> 9676
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9676

Thr Arg Asp Pro Gly Pro Gly Asp Phe Ser
1 5 10

<210> 9677
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<220>
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<400> 9677

Gln Asp Ile Asn Asn Tyr
1 5

<210> 9678
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<220>
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<400> 9678

Ser Ala Ser
1

<210> 9679
<211> 9
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9679

Gln Gln Tyr Arg Ser Tyr Pro Arg Thr
1   5

<210> 9680
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<213> Artificial sequence

<220>
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<400> 9680

Ala Leu Pro Lys Gln Asn
1   5

<210> 9681
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<213> Artificial sequence

<220>
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<400> 9681

Lys Asp Ser
1

<210> 9682
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<212> PRT
<213> Artificial sequence

<220>
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<400> 9682

Gln Ser Ala Asp Ser Ser Gly Thr Tyr Val Val
1 5 10

<210> 9683
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<212> PRT
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<220>
<223> Synthetic antibody

<400> 9683

Ala Leu Pro Lys Gln Asn
1 5

<210> 9684
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<212> PRT
<213> Artificial sequence

<220>
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<400> 9684

Lys Asp Ser
1

<210> 9685
<211> 11
<212> PRT
<213> Artificial sequence

<220>
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<400> 9685

Gln Ser Ala Asp Ser Ser Gly Thr Tyr Val Val
1 5 10

<210> 9686
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<212> PRT
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<220>
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<400> 9686

Gln Asp Ile Asn Asn Tyr
1 5

<210> 9687
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<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9687

Ser Ala Ser
1

<210> 9688
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<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9688

Gln Gln Tyr Arg Ser Tyr Pro Arg Thr
1 5

<210> 9689

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<220>
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<400> 9689

Glu Ser Val Ser Ser Asn Tyr
1 5

<210> 9690
<211> 3
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<213> Artificial sequence

<220>
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<400> 9690

Asp Ala Ser
1

<210> 9691
<211> 9
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<220>
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<400> 9691

Gln Gln Tyr Ala Arg Ala Pro Asp Thr
1 5

<210> 9692
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<212> PRT
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<220>
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<400> 9692

Ser Gly Ser Val Ser Thr Ser Tyr Tyr
1   5

<210> 9693
<211> 3
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<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9693

Ser Thr Asn
1

<210> 9694
<211> 10
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<213> Artificial sequence

<220>
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<400> 9694

Val Leu Tyr Met Gly Ser Gly Ile Trp Val
1   5   10

<210> 9695
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<213> Artificial sequence

<220>
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<400> 9695

Ala Leu Pro Lys Gln Asn
1   5

<210> 9696
<211> 3
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<213> Artificial sequence

<220>
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<400> 9696

Lys Asp Ser
1

<210> 9697
<211> 11
<212> PRT
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<220>
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<400> 9697

Gln Ser Ala Asp Ser Ser Gly Thr Tyr Val Val
1   5   10

<210> 9698
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<212> PRT
<213> Artificial sequence

<220>
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<400> 9698

Gln Ser Ala Asp Ser Ser Gly Thr Tyr Val Val
1   5   10

<210> 9699
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<220>
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<400> 9699

Lys Asp Ser

1

<210> 9700
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<212> PRT
<213> Artificial sequence

<220>
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<400> 9700

Gln Ser Ala Asp Ser Ser Gly Thr Tyr Val Val
1 5 10

<210> 9701
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<212> PRT
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<220>
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<400> 9701

Gln Thr Val Asn Asn Asn
1 5

<210> 9702
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<212> PRT
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<220>
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<400> 9702

Gly Thr Ser
1

<210> 9703
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<212> PRT
<213> Artificial sequence

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<400> 9703

Gln Gln Tyr Tyr Glu Trp Pro Pro Ile Thr
1   5   10

<210> 9704
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<220>
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<400> 9704

Gln Ser Leu Leu Tyr Ser Ser Asn Asn Arg Asp Tyr
1   5   10

<210> 9705
<211> 3
<212> PRT
<213> Artificial sequence

<220>
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<400> 9705

Trp Ala Ser
1

<210> 9706
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<212> PRT
<213> Artificial sequence

<220>
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<400> 9706

Gln Gln Tyr Phe Ser Pro Pro Tyr Thr
1   5

<210> 9707
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<220>
<223> Synthetic antibody

<400> 9707

Gln Ser Val Thr Asn Tyr
1 5

<210> 9708
<211> 3
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<220>
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<400> 9708

Gln Thr Ser
1

<210> 9709
<211> 11
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<220>
<223> Synthetic antibody

<400> 9709

Gln Gln Arg Ser His Arg Pro Gly Gly Ile Thr
1 5 10

<210> 9710
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<212> PRT
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<220>
<223> Synthetic antibody

<400> 9710

Gln Asp Ile Ser Asn Tyr
1 5

<210> 9711
<211> 3
<212> PRT
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<220>
<223> Synthetic antibody

<400> 9711

Asp Ala Ser
1

<210> 9712
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<220>
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<400> 9712

Gln Gln Tyr Asp Asn Leu Pro Leu Thr
1 5

<210> 9713
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<213> Artificial sequence

<220>
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<400> 9713

Gln Ser Leu Leu Tyr Ser Ser Asn Asn Arg Asp Tyr
1 5 10

<210> 9714

<211> 3
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<220>
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<400> 9714

Trp Ala Ser
1

<210> 9715
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<212> PRT
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<220>
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<400> 9715

Gln Gln Tyr Phe Ser Pro Pro Tyr Thr
1 5

<210> 9716
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<220>
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<400> 9716

Gln Ser Leu Leu His Arg Asn Gly Tyr Asn Ile
1 5 10

<210> 9717
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<213> Artificial sequence

<220>
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<400> 9717

Leu Gly Ser
1

<210> 9718
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<220>
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<400> 9718

Met Gln Gly Leu Gln Thr Pro Pro Tyr Thr
1 5 10

<210> 9719
<211> 6
<212> PRT
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<220>
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<400> 9719

Gln Ser Ile Thr Thr Tyr
1 5

<210> 9720
<211> 3
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic antibody

<400> 9720

Ala Pro Ser
1

<210> 9721
<211> 9
<212> PRT

<213> Artificial sequence

<220>
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<400> 9721

Gln Gln Ser Tyr Ser Ser Pro Phe Thr
1 5

<210> 9722
<211> 6
<212> PRT
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<220>
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<400> 9722

Gln Thr Val Asn Asn Asn
1 5

<210> 9723
<211> 3
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<220>
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<400> 9723

Gly Thr Ser
1

<210> 9724
<211> 10
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<220>
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<400> 9724

Gln Gln Tyr Tyr Glu Trp Pro Pro Ile Thr

1 5 10

<210> 9725
<211> 6
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Ala Leu Pro Lys Gln Asn
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Lys Asp Ser
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Gln Ser Ala Asp Ser Ser Gly Thr Tyr Val Val
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Gln Ser Val Ser Ser Ser Tyr
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Gly Thr Ser
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Gln Gln Tyr Gly Asn Ser Pro Trp Thr
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Gln Ser Val Ser Ser Tyr
1   5

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Asp Ala Ser
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Gln Gln Arg Ser Ser Trp Gln Gly Ile Thr
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Gln Ser Val Ser Ser Tyr
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Asp Ala Ser
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Gln Gln Arg Ser Ser Trp Gln Gly Ile Thr
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Gln Ser Val Ser Ser Tyr
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Asp Ala Ser
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Gln Gln Tyr Asn His Trp Arg Thr
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Gln Ser Leu Leu Tyr Ser Ser Asn Asn Arg Asp Tyr
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Trp Ala Ser
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Gln Gln Tyr Phe Ser Pro Pro Tyr Thr
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Glu Ser Val Ser Ser Asn Tyr
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Asp Ala Ser
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Gln Gln Tyr Ala Arg Ala Pro Asp Thr
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Gln Gly Leu Leu His Gly Asp Gly Lys Thr Tyr
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Glu Val Ser
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Met Gln Ser Val His Leu Pro Tyr Thr
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Lys Leu Gly Glu Lys Tyr

1 5

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Gln Asp Thr
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Gln Ala Trp Asp Tyr Thr Thr Val Ile
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Gln Ser Val Ser Ser Ser Tyr
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Gly Ala Ser
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Gln Gln Tyr Gly Ser Ser Tyr Thr
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Gln Ser Val Ser Ser Tyr
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Asp Ala Ser
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Gln Gln Tyr Arg Ser Tyr Pro Arg Thr
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Gln Ser Ile Thr Thr Tyr
1   5

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Ala Pro Ser
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Gln Gln Ser Tyr Ser Ser Pro Phe Thr
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Gln Ser Leu Leu Tyr Gly Asn Gly Tyr Asn Tyr
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Leu Gly Ser
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Met Gln Gly Gln Glu Asn Pro Pro Thr
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Gln Ser Val Ser Ser Asn
1 5

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Gly Ala Ser
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Gln Gln Tyr Asn Asn Trp Arg Thr
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Ser Val Leu Tyr Ser Ser Ile Asn Lys Asn Tyr
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Trp Ala Ser
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Gln Gln Tyr Tyr Ser Thr Pro Tyr Thr
1   5

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Ser Ser Asn Ile Gly Ser Asn Tyr
1   5

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Arg Asn Tyr
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Ala Val Trp Asp Asp Ser Leu Ser Gly Trp Val
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Gln Thr Val Asn Asn Asn
1   5

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Gly Thr Ser

1

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Gln Gln Tyr Tyr Glu Trp Pro Pro Ile Thr
1 5 10

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Arg Ser Leu Leu Ser Arg Asn Gly Tyr Asn Tyr
1 5 10

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Leu Gly Ser
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Met Gln Ala Met Gln Ala Pro Leu Thr
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Ala Leu Pro Lys Gln Asn
1   5

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Lys Asp Ser
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Gln Ser Ala Asp Ser Ser Gly Thr Tyr Val Val
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Ala Leu Pro Lys Gln Asn
1   5

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Lys Asp Ser
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Gln Ser Ala Asp Ser Ser Gly Thr Tyr Val Val
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Ala Leu Pro Lys Gln Asn
1 5

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Lys Asp Ser
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Gln Ser Ala Asp Ser Ser Gly Thr Tyr Val Val
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Glu Ser Val Ser Ser Asn Tyr
1 5

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Asp Ala Ser
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Gln Gln Tyr Ala Arg Ala Pro Asp Thr
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Gln Ser Leu Leu Tyr Ser Ser Asn Asn Arg Asp Tyr
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Trp Ala Ser
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Gln Gln Tyr Phe Ser Pro Pro Tyr Thr
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Gln Ser Val Ser Ser Asn
1 5

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Gly Ala Ser
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Gln Gln Tyr Asn Asn Trp Arg Phe Thr
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Gln Ser Leu Leu Tyr Ser Ser Asn Asn Arg Asp Tyr
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Trp Ala Ser
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Gln Gln Tyr Phe Ser Pro Pro Tyr Thr

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Ser Ser Asn Ile Gly Asn Asn Tyr
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Asp Asn Asn
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Gly Thr Trp Asp Ser Ser Leu Ser Ala Val Leu
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His Asp Ile Gly His Asn
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Asp Val Ser
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Gln Gln Tyr Asp Ser Ile
1   5

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Gln Ser Ile Thr Thr Tyr
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Ala Pro Ser
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Gln Gln Ser Tyr Ser Ser Pro Phe Thr
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Glu Thr Ile Ser Asn Phe
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Ser Ala Ala
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Gln Gln Ser Phe Asn Thr Pro Arg Thr
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Glu Ser Val Ser Ser Asn Tyr
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Asp Ala Ser
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Gln Gln Tyr Ala Arg Ala Pro Asp Thr
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Gln Ser Val Tyr Ile Asn
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Gly Ala Ser
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Gln Gln Tyr Asn His Trp Arg Thr
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Pro Gly Ile Asn Thr Tyr
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Gly Ala Ser
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Gln Ala Tyr Tyr Val Gly Leu Gly Thr
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Tyr Arg Gly Ser Gln Thr
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Ser Asp Asp
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Ala Leu Pro Lys Gln Asn

1 5

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Lys Asp Ser
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Gln Ser Ala Asp Ser Ser Gly Thr Tyr Val Val
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Gln Ser Ile Thr Thr Tyr
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Ala Pro Ser
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Gln Gln Ser Tyr Ser Ser Pro Phe Thr
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Ala Leu Pro Lys Gln Asn
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Lys Asp Ser
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Ser Ser Asn Ile Gly Asn Asn Tyr
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Asp Asn Asn
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Gly Thr Trp Asp Asn Ser Leu Ser Ala Trp Val
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Gln Ser Val Ser Ser Tyr
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Asp Ala Ser
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Gln Gln Arg Ser Ser Trp Gln Gly Ile Thr
1 5 10

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Gln Ser Val Gly Gly His
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Ala Ala Ser
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Gln Gln Ser Arg Asn Ser Pro Ala Thr
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Gln Asp Ile Ser Asn Tyr
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Asp Ala Ser
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Gln Gln Tyr Asp Asn Leu Pro Leu Thr
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Ala Leu Pro Lys Gln Asn
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Lys Asp Ser
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Gln Ser Ala Asp Ser Ser Gly Thr Tyr Val Val
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Gln Thr Val Asn Asn Asn
1 5

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Gly Thr Ser

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Gln Gln Tyr Tyr Glu Trp Pro Pro Ile Thr
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Gln Ser Val Ser Ser Ser Tyr
1 5

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Gly Ala Ser
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Gln Gln Tyr Gly Ser Ser Tyr Thr
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Gln Ser Leu Val Tyr Ser Asp Gly Asn Thr Tyr
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<400> 9855

Gln Val Ser
1

<210> 9856
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<400> 9856

Met Gln Gly Thr His Trp Pro Val Thr
1   5

<210> 9857
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<400> 9857

Ser Asn Asp Val Gly Arg Tyr Asn Tyr
1   5

<210> 9858
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<400> 9858

Glu Val Val
1

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<400> 9859

Ser Ser Tyr Gly Gly Asn Asn Ile Leu Leu
1   5   10

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<400> 9860

Ala Leu Pro Lys Gln Asn
1 5

<210> 9861
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<400> 9861

Lys Asp Ser
1

<210> 9862
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Gln Ser Ala Asp Ser Ser Gly Thr Tyr Val Val
1 5 10

<210> 9863
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<400> 9863

Gln Ser Leu Val Tyr Ser Asp Gly Asn Thr Tyr
1 5 10

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Gln Val Ser
1

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<400> 9865

Met Gln Gly Ser Tyr Trp Pro Phe Thr
1   5

<210> 9866
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<400> 9866

Gln Gly Ile Gly Asn Glu
1   5

<210> 9867
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<400> 9867

Ala Gly Ser
1

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<400> 9868

Leu Gln Asp Tyr Ala Tyr Pro Arg Thr
1 5

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<400> 9869

Gln Ser Val Ser Ser Ser Tyr
1 5

<210> 9870
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<400> 9870

Gly Ala Ser
1

<210> 9871
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<400> 9871

Gln Gln Tyr Gly Ser Ser Tyr Thr
1   5

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Gln Ser Val Ser Ser Asn
1   5

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Gly Ala Ser
1

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Gln Gln Tyr Asn Asn Trp Arg Thr

1 5

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Gln Gly Ile Asn Ser Trp
1 5

<210> 9876
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<400> 9876

Ala Ala Ser
1

<210> 9877
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Gln Gln Ala His Ser Phe Pro Ile Thr
1 5

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<400> 9878

Ala Leu Pro Lys Gln Asn
1   5

<210> 9879
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Lys Asp Ser
1

<210> 9880
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Gln Ser Ala Asp Ser Ser Gly Thr Tyr Val Val
1   5   10

<210> 9881
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<400> 9881

Ser Asn Asp Val Gly Gly His Asn Tyr
1   5

<210> 9882
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<400> 9882

Asp Val Thr
1

<210> 9883
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Cys Ser Tyr Lys Ser Thr Tyr Asp Tyr Val
1   5   10

<210> 9884
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Ser Gly His Ser Ser Tyr Ala
1   5

<210> 9885
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<400> 9885

Leu Asn Ser Asp Gly Ser His
1 5

<210> 9886
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Gln Thr Trp Gly Thr Gly Ile His Val
1 5

<210> 9887
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<400> 9887

Ala Leu Ser Lys Gln Phe
1 5

<210> 9888
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<400> 9888

Lys Asp Ser
1

<210> 9889

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Gln Ser Ala His Ser Ser Gly Phe Tyr Arg Val Val
1 5 10

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Gln Thr Val Asn Asn Asn
1 5

<210> 9891
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Gly Thr Ser
1

<210> 9892
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<400> 9892

Gln Gln Tyr Tyr Glu Trp Pro Pro Ile Thr
1 5 10

<210> 9893
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<400> 9893

Gln Ser Leu Leu Tyr Ser Ser Asn Asn Arg Asp Tyr
1 5 10

<210> 9894
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Trp Ala Ser
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Gln Gln Tyr Phe Ser Pro Pro Tyr Thr
1 5

<210> 9896
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<213> Artificial sequence

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<400> 9896

Gln Ser Val Ser Ser Ser Tyr
1   5

<210> 9897
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Gly Ala Ser
1

<210> 9898
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Gln Gln Tyr Gly Ser Ser Tyr Thr
1   5

<210> 9899
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Ala Leu Pro Lys Gln Asn

1 5

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Lys Asp Ser
1

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Gln Ser Ala Asp Ser Ser Gly Thr Tyr Val Val
1 5 10