SEQUENCE LISTING

<110> CanBas Co., Ltd.
KAWABE, TAKUMI

<120> PEPTIDES AND PEPTIDOMIMETICS IN COMBINATION WITH T CELL ACTIVATING AND/OR CHECKPOINT INHIBITING AGENTS FOR CANCER TREATMENT

<130> 087533-0448671

<140> PCT/JP2016/082500
<141> 2016-10-24

<150> 15/331,478
<151> 2016-10-21

<150> 62/245,899
<151> 2015-10-23

<150> 62/345,416
<151> 2016-06-03

<160> 139

<170> PatentIn version 3.5

<210> 1

<400> 1
000

<210> 2

<400> 2
000

<210> 3

<400> 3
000

<210> 4

<400> 4
000

<210> 5

<400> 5
000

<210> 6

<400> 6
000

<210> 7

<400> 7
000

<210> 8

<400> 8
000

<210> 9

<400> 9
000

<210> 10

<400> 10
000

<210> 11

<400> 11
000

<210> 12

<400> 12
000

<210> 13

<400> 13
000

<210> 14

<400> 14
000

<210> 15

<400> 15
000

<210> 16

<400> 16

000

<210> 17

<400> 17
000

<210> 18

<400> 18
000

<210> 19

<400> 19
000

<210> 20

<400> 20
000

<210> 21

<400> 21
000

<210> 22

<400> 22
000

<210> 23

<400> 23
000

<210> 24

<400> 24
000

<210> 25

<400> 25
000

<210> 26

<400> 26
000

<210> 27

<400> 27
000

<210> 28

<400> 28
000

<210> 29

<400> 29
000

<210> 30

<400> 30
000

<210> 31

<400> 31
000

<210> 32

<400> 32
000

<210> 33

<400> 33
000

<210> 34

<400> 34
000

<210> 35

<400> 35
000

<210> 36

<400> 36
000

<210> 37

<400> 37
000

<210> 38

<400> 38
000

<210> 39

<400> 39
000

<210> 40

<400> 40
000

<210> 41

<400> 41
000

<210> 42

<400> 42
000

<210> 43
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Xaa is (Phe-2,3,4,5,6-F), (Phe-3,4,5F) or (Phe-4CF3)

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Xaa is any amino acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Xaa is d- or l-Trp

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Xaa is any amino acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Xaa is Bpa or (Ser-Tyr)

<400> 43

Xaa Xaa Xaa Xaa Xaa Xaa Arg Arg Arg Arg Arg Arg
1 5 10

<210> 44
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Xaa is Cha, orNal(2)

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Xaa is (Phe-2,3,4,5,6-F), (Phe-3,4,5F) or (Phe-4CF3)

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Xaa is any amino acid

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Xaa is d- or l-Trp

<220>
<221> MOD_RES

<222> (5)..(5)
<223> Xaa is any amino acid

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Xaa is Bpa or (Ser-Tyr)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Xaa is d- or l-Arg

<400> 44

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Arg Arg Arg Arg Arg
1 5 10

<210> 45
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Xaa is Bpa or (Ser-Tyr)

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Xaa is any amino acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Xaa is d- or l-Trp

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Xaa is any amino acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Xaa is (Phe-2,3,4,5,6-F), (Phe-3,4,5F) or (Phe-4CF3)

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Xaa is d- or l-Arg

<400> 45

Xaa Xaa Xaa Xaa Xaa Xaa Arg Arg Arg Arg Arg Xaa
1 5 10

<210> 46
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Xaa is Bpa or (Ser-Tyr)

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Xaa is any amino acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Xaa is d- or l-Trp

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Xaa is any amino acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Xaa is (Phe-2,3,4,5,6-F), (Phe-3,4,5F) or (Phe-4CF3)

<220>

<221> MOD_RES
<222> (6)..(6)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Xaa is d- or l-Arg

<400> 46

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Arg Arg Arg Arg Arg
1 5 10

<210> 47
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Xaa is d- or l-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Xaa is Cha, orNal(2)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Xaa is (Phe-2,3,4,5,6-F), (Phe-3,4,5F) or (Phe-4CF3)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Xaa is any amino acid

<220>
<221> MOD_RES
<222> (10)..(10)

<223> Xaa is d- or l-Trp

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Xaa is any amino acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Xaa is Bpa or (Ser-Tyr)

<400> 47

Arg Arg Arg Arg Arg Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 48
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Xaa is d- or l-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Xaa is Bpa or (Ser-Tyr)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Xaa is any amino acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Xaa is d- or l-Trp

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Xaa is any amino acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Xaa is (Phe-2,3,4,5,6-F), (Phe-3,4,5F) or (Phe-4CF3)

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Xaa is Cha, or Nal(2)

<400> 48

Arg Arg Arg Arg Arg Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 49
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Xaa is d- or l-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Xaa is (Phe-2,3,4,5,6-F), (Phe-3,4,5F) or (Phe-4CF3)

<220>
<221> MOD_RES

<222> (9)..(9)
<223> Xaa is any amino acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Xaa is d- or l-Trp

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Xaa is any amino acid

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Xaa is Bpa or (Ser-Tyr)

<400> 49

Xaa Arg Arg Arg Arg Arg Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 50
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Xaa is d- or l-Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Xaa is Bpa or (Ser-Tyr)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Xaa is any amino acid

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Xaa is d- or l-Trp

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Xaa is any amino acid

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Xaa is (Phe-2,3,4,5,6-F), (Phe-3,4,5F) or (Phe-4CF3)

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Xaa is Cha, or Nal(2)

<400> 50

Xaa Arg Arg Arg Arg Arg Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 51
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Xaa is d- or l-Arg

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Xaa is Bpa or (Ser-Tyr)

<220>

<221> MOD_RES
<222> (7)..(7)
<223> Xaa is (Phe-2,3,4,5,6-F), (Phe-3,4,5F) or (Phe-4CF3)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Xaa is Cha, or Nal(2)

<400> 51

Xaa Arg Xaa Arg Arg Arg Xaa Xaa
1 5

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

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Xaa is Bpa or (Ser-Tyr)

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Xaa is d- or l-Trp

<220>
<221> MOD_RES
<222> (8)..(8)

<223> Xaa is (Phe-2,3,4,5,6-F), (Phe-3,4,5F) or (Phe-4CF3)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Xaa is Cha, or Nal(2)

<400> 52

Xaa Arg Arg Xaa Arg Xaa Arg Xaa Xaa
1 5

<210> 53
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Xaa is (Phe-2,3,4,5,6-F), (Phe-3,4,5F) or (Phe-4CF3)

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Xaa is Bpa or (Ser-Tyr)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Xaa is d- or l-Arg

<400> 53

Xaa Xaa Arg Arg Arg Xaa Arg Xaa
1 5

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

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Xaa is Cha, or Nal(2)

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Xaa is (Phe-2,3,4,5,6-F), (Phe-3,4,5F) or (Phe-4CF3)

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Xaa is Bpa or (Ser-Tyr)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Xaa is d- or l-Arg

<400> 54

Xaa Xaa Arg Trp Arg Xaa Arg Arg Xaa
1 5

<210> 55
<211> 12
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Xaa is Cha or Nal(2)

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Xaa is Phe-2,3,4,5,6-F

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Xaa is Bpa or (Ser-Tyr)

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Xaa is Gln or Arg

<400> 55

Xaa Xaa Ser Trp Ser Xaa Arg Arg Arg Xaa Arg Arg
1 5 10

<210> 56
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Xaa is Gln or Arg

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Xaa is Bpa or (Ser-Tyr)

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Xaa is Phe-2,3,4,5,6-F

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Xaa is Cha or Nal(2)

<400> 56

Arg Arg Xaa Arg Arg Arg Xaa Ser Trp Ser Xaa Xaa
1 5 10

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

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Xaa is Gln or Arg

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Xaa is Bpa or (Ser-Tyr)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Xaa is Phe-2,3,4,5,6-F

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Xaa is Cha or Nal(2)

<400> 57

Arg Arg Xaa Xaa Arg Trp Arg Xaa Xaa
1 5

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

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Xaa is Cha or Nal(2)

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Xaa is Phe-2,3,4,5,6-F

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Xaa is Bpa or (Ser-Tyr)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Xaa is Gln or Arg

<400> 58

Xaa Xaa Arg Trp Arg Xaa Xaa Arg Arg
1 5

<210> 59
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 59

Xaa Ser Trp Ser Phe Xaa Arg Arg Gln Arg Arg Arg

1 5 10

<210> 60
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Cyclohexyl-alanine

<400> 60

Arg Arg Gln Arg Arg Arg Xaa Ser Trp Ser Phe Xaa
1 5 10

<210> 61
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Cyclohexyl-alanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Benzoyl-phenylalanine

<400> 61

Xaa Phe Ser Trp Ser Xaa Arg Arg Arg Gln Arg Arg
1 5 10

<210> 62
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cyclohexyl-alanine

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Benzoyl-phenylalanine

<400> 62

Arg Arg Arg Gln Arg Arg Xaa Phe Ser Trp Ser Xaa
1 5 10

<210> 63
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Cyclohexyl-alanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Benzoyl-phenylalanine

<400> 63

Xaa Phe Ser Trp Ser Xaa Arg Arg Gln Arg Arg Arg
1 5 10

<210> 64

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

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cyclohexyl-alanine

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Benzoyl-phenylalanine

<400> 64

Arg Arg Gln Arg Arg Arg Xaa Phe Ser Trp Ser Xaa
1 5 10

<210> 65
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cyclohexyl-alanine

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Benzoyl-phenylalanine

<400> 65

Arg Arg Arg Arg Arg Arg Xaa Phe Ser Trp Ser Xaa
1 5 10

<210> 66
<211> 12
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Cyclohexyl-alanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Benzoyl-phenylalanine

<400> 66

Xaa Phe Ser Trp Ser Xaa Arg Arg Arg Arg Arg Arg
1 5 10

<210> 67
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Cyclohexyl-alanine

<400> 67

Arg Arg Arg Arg Arg Arg Xaa Ser Trp Ser Phe Xaa
1 5 10

<210> 68
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 68

Xaa Ser Trp Ser Phe Xaa Arg Arg Arg Arg Arg Arg
1 5 10

<210> 69
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> Xaa is Cyclohexyl-alanine

<400> 69

Arg Arg Xaa Arg Arg Arg Phe Xaa
1 5

<210> 70
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Cyclohexyl-alanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Benzoyl-phenylalanine

<400> 70

Xaa Phe Arg Arg Arg Xaa Arg Arg
1 5

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

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is Cyclohexyl-alanine

<400> 71

Arg Arg Arg Xaa Arg Trp Arg Phe Xaa
1 5

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

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Cyclohexyl-alanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Benzoyl-phenylalanine

<400> 72

Xaa Phe Arg Trp Arg Xaa Arg Arg Arg
1 5

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

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (10)..(10)
<223> Xaa is Cyclohexyl-alanine

<400> 73

Arg Arg Arg Arg Xaa Arg Trp Arg Phe Xaa
1 5 10

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

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE

<222> (1)..(1)
<223> Xaa is Cyclohexyl-alanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Benzoyl-phenylalanine

<400> 74

Xaa Phe Arg Trp Arg Xaa Arg Arg Arg Arg
1 5 10

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

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is Cyclohexyl-alanine

<400> 75

Arg Arg Arg Xaa Arg Arg Arg Phe Xaa
1 5

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

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Cyclohexyl-alanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Benzoyl-phenylalanine

<400> 76

Xaa Phe Arg Arg Arg Xaa Arg Arg Arg
1 5

<210> 77
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 77

Xaa Ser Trp Ser Phe Xaa Arg Arg Arg Gln Arg Arg
1 5 10

<210> 78
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (10)..(10)
<223> Xaa is Cyclohexyl-alanine

<400> 78

Gly Arg Lys Lys Arg Arg Gln Arg Arg Xaa Phe Arg Ser Pro Ser Tyr
1 5 10 15

Tyr

<210> 79
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 79

Xaa Ser Trp Ser Phe Xaa Arg Arg Arg Gln Arg Arg Lys Lys Arg
1 5 10 15

<210> 80
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 80

Xaa Ser Trp Ser Phe Xaa Arg Arg Arg Gln Arg Arg
1 5 10

<210> 81
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 81

Xaa Ser Trp Ser Phe Xaa
1 5

<210> 82
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 82

Xaa Ser Trp Ser Phe Xaa Arg Gln Arg Arg
1 5 10

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

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 83

Xaa Ser Trp Ser Phe Xaa Arg Arg Gln Arg Arg
1 5 10

<210> 84
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 84

Xaa Ser Trp Ser Phe Xaa Arg Arg Arg Gln

1 5 10

<210> 85
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 85

Xaa Ser Trp Ser Phe Xaa Arg Arg Arg Gln Arg
1 5 10

<210> 86
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<400> 86

Arg Arg Arg Gln Arg Arg
1 5

<210> 87
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>

<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cyclohexyl-alanine

<400> 87

Tyr Ser Pro Trp Ser Phe Xaa Arg Arg Arg Gln Arg Arg
1 5 10

<210> 88
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cyclohexyl-alanine

<400> 88

Tyr Ser Pro Trp Ser Phe Xaa Arg Arg Arg Gln Arg Arg
1 5 10

<210> 89
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 89

Xaa Ser Trp Ser Phe Xaa Arg Arg Arg Gln Arg Arg

1 5 10

<210> 90
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 90

Xaa Ser Trp Ser Phe Xaa Arg Arg Arg Arg Arg
1 5 10

<210> 91
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 91

Xaa Ser Trp Ser Phe Xaa Arg Arg Arg Arg Arg Arg
1 5 10

<210> 92
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 92

Xaa Ser Trp Ser Phe Xaa Lys Lys Lys Lys Lys Lys
1 5 10

<210> 93
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cyclohexyl-alanine

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Benzoyl-phenylalanine

<400> 93

Arg Arg Arg Gln Arg Arg Xaa Phe Ser Trp Ser Xaa
1 5 10

<210> 94

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

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Cyclohexyl-alanine

<400> 94

Arg Arg Arg Gln Arg Arg Xaa Ser Trp Ser Phe Xaa
1 5 10

<210> 95
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cyclohexyl-alanine

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Benzoyl-phenylalanine

<400> 95

Arg Arg Arg Arg Arg Arg Xaa Phe Ser Trp Ser Xaa
1 5 10

<210> 96
<211> 8
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> Xaa is Cyclohexyl-alanine

<400> 96

Arg Arg Xaa Arg Arg Arg Phe Xaa
1 5

<210> 97
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is Cyclohexyl-alanine

<400> 97

Arg Arg Arg Xaa Arg Trp Arg Phe Xaa
1 5

<210> 98
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (10)..(10)
<223> Xaa is Cyclohexyl-alanine

<400> 98

Arg Arg Arg Arg Xaa Arg Trp Arg Phe Xaa
1 5 10

<210> 99
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is Cyclohexyl-alanine

<400> 99

Arg Arg Arg Xaa Arg Arg Arg Phe Xaa
1 5

<210> 100
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Cyclohexyl-alanine

<400> 100

Arg Arg Arg Gln Arg Arg Xaa Ser Trp Ser Phe Xaa
1 5 10

<210> 101
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 101

Xaa Ser Trp Ser Phe Xaa
1 5

<210> 102
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cyclohexyl-alanine

<400> 102

Tyr Ser Pro Trp Ser Phe Xaa
1 5

<210> 103
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 103

Xaa Cys Trp Ser Phe Xaa Cys
1 5

<210> 104
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cyclohexyl-alanine

<400> 104

Tyr Cys Pro Trp Ser Phe Xaa Cys
1 5

<210> 105
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Cyclohexyl-alanine

<400> 105

Tyr Gln Arg Lys Lys Arg Arg Gln Arg Arg Arg Xaa Phe Arg Ser Pro
1 5 10 15

Ser Tyr Tyr

<210> 106
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Cyclohexyl-alanine

<400> 106

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Xaa Phe Arg Ser Pro
1 5 10 15

Ser Tyr

<210> 107
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Cyclohexyl-alanine

<400> 107

Arg Arg Arg Xaa Phe Arg Ser Pro Ser Tyr Tyr
1 5 10

<210> 108
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cyclohexyl-alanine

<400> 108

Arg Arg Gln Arg Arg Arg Xaa Phe Arg Ser Pro Ser Tyr Tyr
1 5 10

<210> 109
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)

<223> Xaa is Cyclohexyl-alanine

<400> 109

Arg Arg Gln Arg Arg Arg Xaa Phe Ser Trp Pro Ser Tyr
1   5   10

<210> 110
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Cyclohexyl-alanine

<220>
<221> MISC_FEATURE
<222> (14)..(14)
<223> Xaa can be any naturally occurring amino acid

<400> 110

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Xaa Phe Xaa Tyr Tyr
1   5   10   15

<210> 111
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> Xaa is Cyclohexyl-alanine

<400> 111

Tyr Tyr Ser Gly Ser Arg Phe Xaa Arg Arg Arg Gln Arg Arg Lys Lys
1   5   10   15

Arg Gly Tyr

<210> 112
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<400> 112

Tyr Ser Pro Trp Ser Phe Pro Arg Arg Arg Gln Arg Arg
1 5 10

<210> 113
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<400> 113

Tyr Ser Pro Trp Ser Phe Pro Arg Arg Arg Gln Arg Arg Arg
1 5 10

<210> 114
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> Xaa is Cyclohexyl-alanine

<400> 114

Tyr Tyr Xaa Phe Xaa Arg Arg Arg Gln Arg Arg Lys Lys Arg Gly Tyr
1 5 10 15

<210> 115
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Cyclohexyl-alanine

<400> 115

Tyr Xaa Phe Xaa Arg Arg Arg Gln Arg Arg Lys Lys Arg Gly Tyr
1 5 10 15

<210> 116

<400> 116
000

<210> 117
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> MISC_FEATURE

<222> (3)..(3)
<223> Xaa is Cyclohexyl-alanine

<400> 117

Xaa Phe Xaa Arg Arg Arg Gln Arg Arg Lys Lys Arg Gly Tyr
1 5 10

<210> 118

<400> 118
000

<210> 119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> Xaa is Cyclohexyl-alanine

<400> 119

Xaa Phe Xaa Arg Arg Arg Gln Arg Arg
1 5

<210> 120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> Xaa is Cyclohexyl-alanine

<400> 120

Xaa Xaa Phe Arg Arg Arg Gln Arg Arg
1 5

<210> 121

<400> 121
000

<210> 122
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Cyclohexyl-alanine

<400> 122

Xaa Phe Arg Arg Arg Gln Arg Arg
1 5

<210> 123
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cyclohexyl-alanine

<400> 123

Tyr Ser Ser Trp Ser Phe Xaa Arg Arg Arg Gln Arg Arg
1 5 10

<210> 124
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cyclohexyl-alanine

<400> 124

Tyr Xaa Ser Trp Ser Phe Xaa Arg Arg Arg Gln Arg Arg
1 5 10

<210> 125
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)

<223> Xaa is Cyclohexyl-alanine

<400> 125

Xaa Xaa Xaa Phe Arg Arg Arg Gln Arg Arg
1 5 10

<210> 126
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> Xaa can be any naturally occurring amino acid

<400> 126

Xaa Xaa Phe Arg Arg Arg Gln Arg Arg
1 5

<210> 127
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cyclohexyl-alanine

<400> 127

Asp Xaa Ser Trp Ser Phe Xaa Arg Arg Arg Gln Arg Arg
1 5 10

<210> 128
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cyclohexyl-alanine

<400> 128

Xaa Asp Ser Trp Ser Phe Xaa Arg Arg Arg Gln Arg Arg
1 5 10

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

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<400> 129

Xaa Ser Trp Ser Asp Phe Arg Arg Arg Gln Arg Arg
1 5 10

<210> 130

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

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 130

Xaa Ser Trp Ser Xaa Xaa Arg Arg Arg Gln Arg Arg
1 5 10

<210> 131
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Cyclohexyl-alanine

<400> 131

Xaa Xaa Xaa Xaa Arg Arg Arg Gln Arg Arg
1 5 10

<210> 132
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 132

Xaa Pro Trp Pro Phe Xaa Arg Arg Arg Gln Arg Arg
1 5 10

<210> 133
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>

<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is 2-Naphthyl-alanyl

<400> 133

Xaa Pro Trp Pro Phe Xaa Arg Arg Arg Gln Arg Arg
1 5 10

<210> 134
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 134

Phe Pro Trp Pro Phe Xaa Arg Arg Arg Gln Arg Arg
1 5 10

<210> 135
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 135

Xaa Cys Trp Arg Phe Xaa Cys

1 5

<210> 136
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cyclohexyl-alanine

<400> 136

Tyr Cys Pro Trp Arg Phe Xaa Cys
1 5

<210> 137
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<400> 137

Arg Arg Arg Gln Arg Arg
1 5

<210> 138
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cyclohexyl-alanine

<400> 138

Tyr Ser Pro Trp Ser Phe Xaa
1 5

<210> 139
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of artificial sequence: Synthetic peptide sequence

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Benzoyl-phenylalanine

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cyclohexyl-alanine

<400> 139

Xaa Ser Trp Ser Phe Xaa
1 5