

SEQUENCE LISTING

<110> University of Copenhagen

<120> PSD-95 inhibitors and uses thereof

<130> P5985PC00

<160> 71

<170> PatentIn version 3.5

<210> 1

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(5)

<400> 1

Ile Glu Thr Asp Val

1 5

<210> 2

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(5)

<400> 2

Lys Glu Thr Leu Val

1 5

<210> 3

<211> 5

<212> PRT

<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(5)

<400> 3

Lys Glu Thr Thr Val
1 5

<210> 4
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(5)

<400> 4

Lys Glu Thr Val Val
1 5

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

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(5)

<400> 5

Lys Glu Thr Arg Val
1 5

<210> 6
<211> 5
<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(5)

<400> 6

Ile Ser Thr Asp Val

1 5

<210> 7

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(5)

<400> 7

Val Glu Thr Val Val

1 5

<210> 8

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(11)

<223> L-TAT

<400> 8

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg

1 5 10

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

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(11)
<223> D-TAT

<220>
<221> MISC_FEATURE
<222> (1)..(11)
<223> D amino acids

<400> 9

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

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

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(9)
<223> mTAT

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> D amino acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> D amino acid

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> D amino acid

<220>

<221> MISC_FEATURE
<222> (7)..(7)
<223> D amino acid

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> D amino acid

<400> 10

Arg Arg Arg Gly Arg Lys Lys Arg Arg
1 5

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

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(9)
<223> riTAT

<220>
<221> MISC_FEATURE
<222> (1)..(9)
<223> D amino acids

<400> 11

Arg Arg Arg Gln Arg Arg Lys Lys Arg
1 5

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

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(9)
<223> L-Arg9

<400> 12

Arg Arg Arg Arg Arg Arg Arg Arg Arg
1 5

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

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(9)
<223> D-Arg9

<220>
<221> MISC_FEATURE
<222> (1)..(9)
<223> D amino acids

<400> 13

Arg Arg Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 14
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(16)
<223> L-Pen

<400> 14

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15

<210> 15
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(16)
<223> D-Pen

<220>
<221> MISC_FEATURE
<222> (1)..(16)
<223> D amino acids

<400> 15

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15

<210> 16
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(19)
<223> L-MAP

<400> 16

Lys Leu Ala Leu Lys Leu Ala Leu Lys Ala Leu Lys Ala Ala Leu Lys
1 5 10 15

Leu Ala

<210> 17
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE

<222> (1)..(16)
<223> L-DPV3

<400> 17

Arg Lys Lys Arg Arg Arg Glu Ser Arg Lys Lys Arg Arg Arg Glu Ser
1 5 10 15

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

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(18)
<223> L-pVEC

<400> 18

Leu Leu Ile Ile Leu Arg Arg Arg Ile Arg Lys Gln Ala His Ala His
1 5 10 15

Ser Lys

<210> 19
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(12)
<223> L-TP2

<400> 19

Pro Leu Ile Tyr Leu Arg Leu Leu Arg Gly Gln Phe
1 5 10

<210> 20
<211> 12

<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(12)
<223> D-TP2

<220>
<221> MISC_FEATURE
<222> (1)..(12)
<223> D amino acids

<400> 20

Pro Leu Ile Tyr Leu Arg Leu Leu Arg Gly Gln Phe
1 5 10

<210> 21
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(9)
<223> MiniAp4

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> X is Dap

<220>
<221> MISC_FEATURE
<222> (1)..(9)
<223> Side chain-to-side chain macrolactamization through D and Dap

<400> 21

Xaa Lys Ala Pro Glu Thr Ala Leu Asp
1 5

<210> 22
<211> 13

<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(13)
<223> CPP12

<220>
<221> MISC_FEATURE
<222> (1)..(8)
<223> Head-to-tail macrolactamization through F and Q

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> D amino acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> X is Nal2

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> D amino acid

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> D amino acid

<400> 22

Phe Phe Xaa Arg Arg Arg Arg Gln Gly Ala Asx Ala Lys
1 5 10

<210> 23
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(11)

<223> L-TAT

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Acetylated

<400> 23

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

<210> 24

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(11)

<223> L-TAT

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal conjugated to chloroalkane (CA)

<400> 24

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

<210> 25

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(9)

<223> L-Arg9

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal acetylated

<400> 25

Arg Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 26

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(9)

<223> L-Arg9

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal conjugated to chloroalkane (CA)

<400> 26

Arg Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 27

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(11)

<223> D-TAT

<220>

<221> MISC_FEATURE

<222> (1)..(11)

<223> D amino acids

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal acetylated

<400> 27

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

<210> 28

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(11)

<223> D-TAT

<220>

<221> MISC_FEATURE

<222> (1)..(11)

<223> D amino acids

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal conjugated to chloroalkane (CA)

<400> 28

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

<210> 29

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(9)

<223> mTAT

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal acetylated

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> D amino acid

<220>

<221> MISC_FEATURE

<222> (3)..(3)

<223> D amino acid

<220>

<221> MISC_FEATURE

<222> (5)..(5)

<223> D amino acid

<220>

<221> MISC_FEATURE

<222> (7)..(7)

<223> D amino acid

<220>

<221> MISC_FEATURE

<222> (9)..(9)

<223> D amino acid

<400> 29

Arg Arg Arg Gly Arg Lys Lys Arg Arg
1 5

<210> 30

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(9)

<223> mTAT

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal conjugated to chloroalkane (CA)

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> D amino acid

<220>

<221> MISC_FEATURE

<222> (3)..(3)

<223> D amino acid

<220>

<221> MISC_FEATURE

<222> (5)..(5)

<223> D amino acid

<220>

<221> MISC_FEATURE

<222> (7)..(7)

<223> D amino acid

<220>

<221> MISC_FEATURE

<222> (9)..(9)

<223> D amino acid

<400> 30

Arg Arg Arg Gly Arg Lys Lys Arg Arg

1 5

<210> 31

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(9)

<223> riTAT

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal acetylated

<220>

<221> MISC_FEATURE

<222> (1)..(9)

<223> D amino acids

<400> 31

Arg Arg Arg Gln Arg Arg Lys Lys Arg

1 5

<210> 32
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(9)
<223> riTAT

<220>
<221> MISC_FEATURE
<222> (1)..(9)
<223> D amino acids

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal conjugated to chloroalkane (CA)

<400> 32

Arg Arg Arg Gln Arg Arg Lys Lys Arg
1 5

<210> 33
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(9)
<223> D-Arg9

<220>
<221> MISC_FEATURE
<222> (1)..(9)
<223> D amino acids

<220>
<221> MISC_FEATURE
<222> (1)..(1)

<223> N-terminal acetylated

<400> 33

Arg Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 34

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(9)

<223> D-Arg9

<220>

<221> MISC_FEATURE

<222> (1)..(9)

<223> D amino acids

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal conjugated to chloroalkane (CA)

<400> 34

Arg Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 35

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(16)

<223> L-Pen

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal acetylated

<400> 35

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15

<210> 36

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(16)

<223> L-Pen

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal conjugated to chloroalkane (CA)

<400> 36

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15

<210> 37

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(16)

<223> D-Pen

<220>

<221> MISC_FEATURE

<222> (1)..(16)

<223> D amino acids

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal acetylated

<400> 37

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15

<210> 38

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(16)

<223> D-Pen

<220>

<221> MISC_FEATURE

<222> (1)..(16)

<223> D amino acids

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal conjugated to chloroalkane (CA)

<400> 38

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15

<210> 39

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(16)

<223> L-DPV3

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal acetylated

<400> 39

Arg Lys Lys Arg Arg Arg Glu Ser Arg Lys Lys Arg Arg Arg Glu Ser
1 5 10 15

<210> 40

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(16)

<223> L-DPV3

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal conjugated to chloroalkane (CA)

<400> 40

Arg Lys Lys Arg Arg Arg Glu Ser Arg Lys Lys Arg Arg Arg Glu Ser
1 5 10 15

<210> 41

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(18)

<223> L-pVEC

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal acetylated

<400> 41

Leu Leu Ile Ile Leu Arg Arg Arg Ile Arg Lys Gln Ala His Ala His

1 5 10 15

Ser Lys

<210> 42
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(18)
<223> L-pVEC

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal conjugated to chloroalkane (CA)

<400> 42

Leu Leu Ile Ile Leu Arg Arg Arg Ile Arg Lys Gln Ala His Ala His
1 5 10 15

Ser Lys

<210> 43
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(18)
<223> L-MAP

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal acetylated

<400> 43

Lys Leu Ala Leu Lys Leu Ala Leu Lys Ala Leu Lys Ala Ala Leu Lys
1 5 10 15

Leu Ala

<210> 44

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(18)

<223> L-MAP

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> N-terminal conjugated to chloroalkane (CA)

<400> 44

Lys Leu Ala Leu Lys Leu Ala Leu Lys Ala Leu Lys Ala Ala Leu Lys
1 5 10 15

Leu Ala

<210> 45

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(12)

<223> L-TP2

<220>

<221> MISC_FEATURE

<222> (1)..(11)
<223> N-terminal acetylated

<400> 45

Pro Leu Ile Tyr Leu Arg Leu Leu Arg Gly Gln Phe
1 5 10

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

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(12)
<223> L-TP2

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal conjugated to chloroalkane (CA)

<400> 46

Pro Leu Ile Tyr Leu Arg Leu Leu Arg Gly Gln Phe
1 5 10

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

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(12)
<223> D-TP2

<220>
<221> MISC_FEATURE
<222> (1)..(12)
<223> D amino acids

<220>
<221> MISC_FEATURE

<222> (1)..(1)
<223> N-terminal acetylated

<400> 47

Pro Leu Ile Tyr Leu Arg Leu Leu Arg Gly Gln Phe
1 5 10

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

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(12)
<223> D-TP2

<220>
<221> MISC_FEATURE
<222> (1)..(12)
<223> D amino acids

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal conjugated to chloroalkane (CA)

<400> 48

Pro Leu Ile Tyr Leu Arg Leu Leu Arg Gly Gln Phe
1 5 10

<210> 49
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(9)
<223> MiniAp4

<220>
<221> MISC_FEATURE

<222> (1)..(1)
<223> X is Dap

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal acetylated

<400> 49

Xaa Lys Ala Pro Glu Thr Ala Leu Asp
1 5

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

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(9)
<223> MiniAp4

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> X is Dap

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal conjugated to chloroalkane (CA)

<400> 50

Xaa Lys Ala Pro Glu Thr Ala Leu Asp
1 5

<210> 51
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE

<222> (1)..(13)
<223> CPP12

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> D amino acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> X is Nal2

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> D amino acid

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> D amino acid

<400> 51

Phe Phe Xaa Arg Arg Arg Arg Gln Gly Ala Asx Ala Lys
1 5 10

<210> 52
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(13)
<223> CPP12

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> D amino acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> X is Nal2

<220>
<221> MISC_FEATURE

<222> (5)..(5)
<223> D amino acid

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> D amino acid

<400> 52

Phe Phe Xaa Arg Arg Arg Arg Gln Gly Ala Asx Ala Lys
1 5 10

<210> 53
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(4)

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> X is E or S

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> X is L, T, V, R or D

<400> 53

Xaa Thr Xaa Val
1

<210> 54
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(5)

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> X is K, V or I

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> X is E or S

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> X is L, T, V, R or D

<400> 54

Xaa Xaa Thr Xaa Val
1 5

<210> 55
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(4)

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> X is E or S

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> X is L, T, V, R or D

<400> 55

Xaa Thr Xaa Val
1

<210> 56
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(5)

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> X is K, V or I

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> X is E or S

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> X is L, T, V, R or D

<400> 56

Xaa Xaa Thr Xaa Val
1 5

<210> 57
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(8)
<223> L-Arg8

<400> 57

Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 58
<211> 7
<212> PRT
<213> Artificial sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(7)
<223> L-Arg7

<400> 58

Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 59
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(6)
<223> L-Arg6

<400> 59

Arg Arg Arg Arg Arg Arg
1 5

<210> 60
<211> 5
<212> PRT
<213> Artificial sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(5)
<223> L-Arg5

<400> 60

Arg Arg Arg Arg Arg
1 5

<210> 61
<211> 4
<212> PRT
<213> Artificial sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(4)
<223> L-Arg4

<400> 61

Arg Arg Arg Arg
1

<210> 62
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(8)
<223> L-Arg8

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal acetylated

<400> 62

Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 63
<211> 7
<212> PRT
<213> Artificial sequence

<220>
<223> synthetic peptide

<220>

<221> MISC_FEATURE
<222> (1)..(7)
<223> L-Arg7

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal acetylated

<400> 63

Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 64
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(6)
<223> L-Arg6

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal acetylated

<400> 64

Arg Arg Arg Arg Arg Arg
1 5

<210> 65
<211> 5
<212> PRT
<213> Artificial sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(5)
<223> L-Arg5

<220>

<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal acetylated

<400> 65

Arg Arg Arg Arg Arg
1 5

<210> 66
<211> 4
<212> PRT
<213> Artificial sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(4)
<223> L-Arg4

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal acetylated

<400> 66

Arg Arg Arg Arg
1

<210> 67
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(8)
<223> L-Arg8

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal conjugated to chloroalkane (CA)

<400> 67

Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 68
<211> 7
<212> PRT
<213> Artificial sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(7)
<223> L-Arg7

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal conjugated to chloroalkane (CA)

<400> 68

Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 69
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(6)
<223> L-Arg6

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal conjugated to chloroalkane (CA)

<400> 69

Arg Arg Arg Arg Arg Arg
1 5

<210> 70
<211> 5
<212> PRT
<213> Artificial sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(5)
<223> L-Arg5

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal conjugated to chloroalkane (CA)

<400> 70

Arg Arg Arg Arg Arg
1 5

<210> 71
<211> 4
<212> PRT
<213> Artificial sequence

<220>
<223> synthetic peptide

<220>
<221> MISC_FEATURE
<222> (1)..(4)
<223> L-Arg4

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> N-terminal conjugated to chloroalkane (CA)

<400> 71

Arg Arg Arg Arg
1