SEQUENCE LISTING

<110> PROTAGONIST THERAPEUTICS, INC.

<120> ORAL PEPTIDE INHIBITORS OF INTERLEUKIN-23 RECEPTOR AND THEIR USE TO TREAT INFLAMMATORY BOWEL DISEASES

<130> PRTH-002/02WO

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<141> 2015-07-15

<150> 62/119,685
<151> 2015-02-23

<150> 62/119,688
<151> 2015-02-23

<150> 62/025,899
<151> 2014-07-17

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<220>
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<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 52
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Asn Phe Gly Xaa Lys
1 5 10

<210> 53
<211> 14
<212> PRT
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<220>
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<220>
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<223> Cit

<220>
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<223> D-Thr

<220>
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<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
<223> D-Lys

<400> 53
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Thr Phe Gly Xaa Lys
1 5 10

<210> 54
<211> 14
<212> PRT
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<220>
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<220>
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<223> Agp

<220>
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<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
<223> D-Lys

<400> 54
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Val Asn Gly Xaa Lys
1 5 10

<210> 55
<211> 14
<212> PRT
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<220>
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<220>
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<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> D-Lys

<400> 55
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Val Asn Gly Xaa Lys
1 5 10

<210> 56
<211> 14
<212> PRT
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<220>
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<220>
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<220>
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<223> Cit

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<220>
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<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
<223> D-Lys

<400> 56
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Leu Asn Gly Xaa Lys
1 5 10

<210> 57
<211> 14
<212> PRT
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<220>
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<220>
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<223> (2-aminoethoxy)acetic acid

<220>

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<400> 57
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Val Asn Gly Xaa Lys
1 5 10

<210> 58
<211> 14
<212> PRT
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<220>
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<220>
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<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
<223> D-Lys

<400> 58
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Xaa Asn Gly Xaa Lys
1 5 10

<210> 59
<211> 14
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<220>
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<220>
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<223> D-Ala

<220>
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<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
<223> D-Lys

<400> 59
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Val Phe Ala Xaa Lys
1 5 10

<210> 60
<211> 14
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<220>
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<220>
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<223> D-Leu

<220>
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<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
<223> D-Lys

<400> 60
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Val Phe Leu Xaa Lys
1 5 10

<210> 61
<211> 14
<212> PRT
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<220>
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<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
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<223> D-Lys

<400> 61
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Val Phe Phe Xaa Lys
1 5 10

<210> 62
<211> 14
<212> PRT
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<220>
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<220>
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<220>
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<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
<223> D-Lys

<400> 62
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Val Phe Asn Xaa Lys
1 5 10

<210> 63
<211> 14
<212> PRT
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<220>
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<220>
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<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
<223> D-Lys

<400> 63
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Val Phe Thr Xaa Lys
1 5 10

<210> 64
<211> 14
<212> PRT
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<220>
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<220>
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<222> (12)..(12)
<223> D-Asp

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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
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<400> 64
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Val Phe Asp Xaa Lys
1 5 10

<210> 65
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> N-MeArg

<220>
<221> MOD_RES
<222> (13)..(13)

<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 65
Cys Arg Thr Trp Gln Cys Tyr Trp Arg Val Phe Gly Xaa Lys
1 5 10

<210> 66
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> N-MeGln

<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
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<400> 66
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Val Phe Gly Xaa Lys
1 5 10

<210> 67
<211> 14
<212> PRT
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<220>
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<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
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<400> 67

Cys Xaa Thr Trp Gln Cys Tyr Trp Arg Val Phe Gly Xaa Lys
1 5 10

<210> 68
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (10)..(10)
<223> Dap

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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
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<400> 68
Cys Ala Asp Trp Val Cys Tyr Trp Xaa Xaa Phe Gly Xaa Lys
1 5 10

<210> 69
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> Orn

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<222> (10)..(10)
<223> Dap

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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

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<222> (14)..(14)
<223> D-Lys

<400> 69
Cys Ala Asp Trp Val Cys Tyr Xaa Xaa Xaa Phe Gly Xaa Lys
1 5 10

<210> 70
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (10)..(10)
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
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<400> 70
Cys Ala Asp Trp Val Cys Tyr Trp Xaa Xaa Phe Gly Xaa Lys
1 5 10

<210> 71
<211> 14
<212> PRT
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<220>
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<222> (9)..(9)
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<222> (10)..(10)
<223> Dap

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
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<400> 71
Cys Ala Asp Trp Val Cys Tyr Phe Xaa Xaa Phe Gly Xaa Lys
1 5 10

<210> 72
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> Bip

<220>
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<223> Orn

<220>
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<222> (10)..(10)
<223> Dap

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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
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<400> 72
Cys Ala Asp Trp Val Cys Tyr Xaa Xaa Xaa Phe Gly Xaa Lys
1 5 10

<210> 73
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (8)..(8)
<223> Phe(3,5-F2)

<220>
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<220>
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<222> (10)..(10)
<223> Dap

<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
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<400> 73
Cys Ala Asp Trp Val Cys Tyr Phe Xaa Xaa Phe Gly Xaa Lys
1 5 10

<210> 74
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
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<222> (8)..(8)
<223> Phe(CONH2)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Orn

<220>
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<222> (10)..(10)
<223> Dap

<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
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<223> D-Lys

<400> 74
Cys Ala Asp Trp Val Cys Tyr Phe Xaa Xaa Phe Gly Xaa Lys
1 5 10

<210> 75
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (8)..(8)
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<220>
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<222> (9)..(9)
<223> Orn

<220>
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<222> (10)..(10)
<223> Dap

<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 75
Cys Ala Asp Trp Val Cys Tyr Phe Xaa Xaa Phe Gly Xaa Lys
1 5 10

<210> 76
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<221> MOD_RES
<222> (10)..(10)
<223> Dap

<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 76
Cys Ala Asp Trp Val Cys Tyr Phe Xaa Xaa Phe Gly Xaa Lys
1 5 10

<210> 77
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 77
Cys Met Thr Trp Gln Cys Tyr Trp Leu Tyr Gly Arg Xaa Lys
1 5 10

<210> 78
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> Beta-hTrp

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Orn

<220>
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<222> (10)..(10)
<223> Dap

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 78
Cys Ala Asp Trp Val Cys Tyr Trp Xaa Xaa Phe Gly Xaa Lys
1 5 10

<210> 79
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> Orn

<220>
<221> MOD_RES
<222> (10)..(10)
<223> alpha-MeLeu

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<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 79
Cys Ala Asp Trp Val Cys Tyr Trp Xaa Leu Phe Gly Xaa Lys
1 5 10

<210> 80
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (9)..(9)
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<220>
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<222> (10)..(10)
<223> Beta-spiral-pip

<220>
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<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
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<400> 80
Cys Ala Asp Trp Val Cys Tyr Trp Xaa Xaa Phe Gly Xaa Lys
1 5 10

<210> 81
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> 4-Phenylcyclohexylalanine

<220>
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<220>
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<222> (10)..(10)
<223> Dap

<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 81
Cys Ala Asp Trp Val Cys Tyr Xaa Xaa Xaa Phe Gly Xaa Lys
1 5 10

<210> 82
<211> 14
<212> PRT
<213> Artificial Sequence

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

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<220>
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<222> (10)..(10)
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<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 82
Cys Ala Asp Trp Val Cys Tyr Trp Xaa Xaa Phe Gly Xaa Lys
1 5 10

<210> 83
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<221> MOD_RES
<222> (9)..(9)
<223> Orn

<220>
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<222> (10)..(10)
<223> Diethyl-Gly

<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
<223> D-Lys

<400> 83
Cys Ala Asp Trp Val Cys Tyr Trp Xaa Gly Phe Gly Xaa Lys
1 5 10

<210> 84
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (8)..(8)
<223> Beta-MePhe(4-F)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Orn

<220>
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<222> (10)..(10)
<223> Dap

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 84
Cys Ala Asp Trp Val Cys Tyr Phe Xaa Xaa Phe Gly Xaa Lys
1 5 10

<210> 85
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 85
Cys Gln Thr Trp Gln Cys Tyr Phe Arg Val Asn Gly Xaa Lys
1 5 10

<210> 86
<211> 14
<212> PRT
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 86
Cys Gln Thr Trp Gln Cys Tyr Xaa Arg Val Asn Gly Xaa Lys
1 5 10

<210> 87
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 87
Cys Ser Asp Trp Glu Cys Tyr Trp His Ile Phe Gly
1 5 10

<210> 88
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 88
Cys Glu Thr Trp Glu Cys Tyr Trp His Ser Phe Ser
1 5 10

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

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

<400> 89
Cys Gln Ser Trp Glu Cys Tyr Trp His Tyr Tyr Gly
1 5 10

<210> 90
<211> 12

<212> PRT
<213> Artificial Sequence

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

<400> 90
Cys Ser Asp Trp Arg Cys Tyr Trp His Val Phe Gly
1 5 10

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

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

<400> 91
Cys His Thr Trp Val Cys Tyr Trp His Glu Phe Ser
1 5 10

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

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

<400> 92
Cys Thr Asp Trp Val Cys Tyr Trp His Glu Tyr Ser
1 5 10

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

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

<400> 93
Cys Gln Thr Trp Val Cys Tyr Trp His Thr Tyr Gly
1 5 10

<210> 94
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 94
Cys Gly Asn Trp Glu Cys Tyr Trp His Val Tyr Gly
1 5 10

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

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

<400> 95
Cys Lys Asp Trp Lys Cys Tyr Trp His Ile Tyr Gly
1 5 10

<210> 96
<211> 12
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<220>
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<400> 96
Cys Arg Thr Trp Val Cys Tyr Trp His Val Phe Gly
1 5 10

<210> 97
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> 1-Nal

<400> 97
Cys Ala Asp Xaa Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 98
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
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<222> (4)..(4)
<223> 2-Nal

<400> 98
Cys Ala Asp Xaa Val Cys Tyr Trp His Thr Phe Gly
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<210> 99
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 1-Bip

<400> 99
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<210> 100
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<222> (4)..(4)
<223> Tic

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<210> 101
<211> 12
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<220>
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<222> (4)..(4)
<223> Beta-hTrp

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Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
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<210> 102
<211> 12
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 1-Bip

<400> 102
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<210> 103
<211> 12
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<220>
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<220>
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<223> Tic

<400> 103
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<210> 104
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<220>
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<220>
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<223> Beta-hTrp

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1 5 10

<210> 105
<211> 12
<212> PRT
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<220>
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<400> 105
Cys Ala Asp Trp Val Cys Tyr Ala His Thr Phe Gly
1 5 10

<210> 106
<211> 12

<212> PRT
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<220>
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<400> 106
Ala Cys Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 107
<211> 12
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<220>
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<400> 107
Ala Cys Asp Trp Cys Cys Tyr Trp Cys Thr Phe Gly
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<210> 108
<211> 12
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<220>
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<400> 108
Ala Ala Asp Trp Cys Ala Tyr Trp Cys Thr Phe Gly
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<210> 109
<211> 12
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<220>
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<400> 109
Cys Ala Asp Trp Cys Cys Tyr Trp Cys Thr Phe Gly
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<210> 110
<211> 12
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<220>
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<400> 110
Cys Ala Asp Trp Cys Cys Tyr Trp Cys Thr Phe Gly
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<210> 111
<211> 12
<212> PRT
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<220>
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<400> 111
Cys Ala Asp Trp Cys Cys Tyr Trp Cys Thr Phe Gly
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<210> 112
<211> 11
<212> PRT
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<220>
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<400> 112
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe
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<210> 113
<211> 10
<212> PRT
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<220>
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<400> 113
Cys Ala Asp Trp Val Cys Tyr Trp His Thr
1 5 10

<210> 114
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<220>
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<400> 114
Cys Ala Asp Trp Val Cys Tyr Trp
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<210> 115
<211> 14
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<222> (1)..(1)
<223> Beta-Ala

<400> 115
Ala Ser Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
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<210> 116
<211> 14
<212> PRT
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<220>
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<220>
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<222> (1)..(1)
<223> D-Lys

<400> 116
Lys Ser Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

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

<220>
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<220>
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<223> D-Lys

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Beta-Ala

<400> 117
Lys Ala Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 118
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (1)..(1)
<223> (2-aminoethoxy)acetic acid

<400> 118
Xaa Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
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<210> 119
<211> 13
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<220>
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<220>
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<223> D-Lys

<400> 119
Lys Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
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<210> 120
<211> 12
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<220>
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<400> 120
Cys Lys Asp Trp Val Cys Tyr Trp His Thr Phe Gly
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<210> 121
<211> 12
<212> PRT
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<220>
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<400> 121
Cys Ala Asp Trp Lys Cys Tyr Trp His Thr Phe Gly
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<210> 122
<211> 12
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<220>
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Cys Ala Asp Trp Val Cys Tyr Trp Lys Thr Phe Gly
1 5 10

<210> 123

<211> 12
<212> PRT
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<220>
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<400> 123
Cys Ala Asp Trp Val Cys Tyr Trp His Lys Phe Gly
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<210> 124
<211> 12
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<213> Artificial Sequence

<220>
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<400> 124
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Lys Gly
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<210> 125
<211> 12
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<222> (12)..(12)
<223> D-Lys

<400> 125
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Lys
1 5 10

<210> 126
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 126
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 127
<211> 11
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
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<222> (8)..(8)
<223> 1-Nal

<400> 127
Cys Ala Asp Trp Val Cys Tyr Xaa His Thr Phe
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<210> 128
<211> 11
<212> PRT
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<220>
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<220>
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<220>
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<222> (11)..(11)
<223> N-Me-Phe

<400> 128
Cys Ala Asp Trp Val Cys Tyr Xaa His Thr Phe
1 5 10

<210> 129
<211> 11
<212> PRT
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<222> (10)..(10)
<223> Sarc

<400> 129
Cys Ala Asp Trp Val Cys Tyr Xaa His Xaa Phe
1 5 10

<210> 130
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
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<223> 1-Nal

<220>
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<222> (9)..(9)
<223> N-Me-His

<400> 130
Cys Ala Asp Trp Val Cys Tyr Xaa His Thr Phe
1 5 10

<210> 131
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
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<400> 131
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Lys
1 5 10

<210> 132
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (2)..(2)
<223> Sarc

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 1-Nal

<400> 132
Cys Xaa Asp Trp Val Cys Tyr Xaa His Thr Phe
1 5 10

<210> 133
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (4)..(4)
<223> N-Me-Trp

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 1-Nal

<400> 133
Cys Ala Asp Trp Val Cys Tyr Xaa His Thr Phe
1 5 10

<210> 134
<211> 11
<212> PRT
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<222> (5)..(5)
<223> Sarc

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 1-Nal

<400> 134
Cys Ala Asp Trp Xaa Cys Tyr Xaa His Thr Phe
1 5 10

<210> 135
<211> 11
<212> PRT
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<220>
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<222> (11)..(11)
<223> D-Phe

<400> 135
Cys Ala Asp Trp Val Cys Tyr Xaa His Thr Phe
1 5 10

<210> 136
<211> 12

<212> PRT
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<223> 1-Nal

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<222> (12)..(12)
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<400> 136
Cys Ala Asp Trp Val Cys Tyr Xaa His Thr Phe Xaa
1 5 10

<210> 137
<211> 12
<212> PRT
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<220>
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<400> 137
Cys Ala Thr Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 138
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 138
Cys Ala Asp Trp Glu Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 139
<211> 16
<212> PRT
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<220>
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<400> 139
Cys Ala Asp Trp Val Cys Tyr Trp His Arg Cys Gly Trp Trp Gly Cys
1 5 10 15

<210> 140
<211> 12
<212> PRT

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<222> (8)..(8)
<223> 1-Nal

<220>
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<222> (10)..(10)
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<400> 140
Cys Ala Asp Trp Val Cys Tyr Xaa His Ala Phe Gly
1 5 10

<210> 141
<211> 12
<212> PRT
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<220>
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<220>
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<222> (8)..(8)
<223> 1-Nal

<220>
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<222> (10)..(10)
<223> Aib

<400> 141
Cys Ala Asp Trp Val Cys Tyr Xaa His Xaa Phe Gly
1 5 10

<210> 142
<211> 12
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<220>
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<220>
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<222> (10)..(10)
<223> beta-Ala

<400> 142

Cys Ala Asp Trp Val Cys Tyr Xaa His Ala Phe Gly
1 5 10

<210> 143
<211> 12
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<220>
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<220>
<221> MOD_RES
<222> (8)..(8)
<223> 1-Nal

<400> 143
Cys Ala Asp Trp Val Cys Tyr Xaa Phe Thr Phe Gly
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<210> 144
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<220>
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<220>
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<222> (9)..(9)
<223> D-Ala

<400> 144
Cys Ala Asp Trp Val Cys Tyr Xaa Ala Thr Phe Gly
1 5 10

<210> 145
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<220>
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<222> (11)..(11)
<223> D-Phe

<400> 145
Cys Ala Asp Trp Val Cys Tyr Xaa His Xaa Phe Gly
1 5 10

<210> 146
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Cys Ala Asp Trp Val Cys Tyr Xaa His Thr Phe Xaa
1 5 10

<210> 147
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<223> D-Ala

<220>
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<222> (12)..(12)
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<400> 147
Cys Ala Asp Trp Val Cys Tyr Xaa His Ala Phe Xaa

1 5 10

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<220>
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<400> 148
Cys Ala Asp Trp Val Cys Tyr Xaa His Xaa Gly
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<220>
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<220>
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<222> (14)..(14)
<223> D-Lys

<400> 149
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Xaa Lys
1 5 10

<210> 150
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<222> (13)..(13)
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 150
Cys Ala Asp Trp Val Cys Tyr Xaa His Thr Phe Gly Xaa Lys
1 5 10

<210> 151
<211> 14
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<220>
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<222> (13)..(13)
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 151
Cys Ala Asp Trp Val Cys Tyr Xaa His Thr Phe Gly Xaa Lys
1 5 10

<210> 152
<211> 14
<212> PRT
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<220>
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<223> (2-aminoethoxy)acetic acid

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<222> (14)..(14)
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<400> 152
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Glu Asn Gly Xaa Lys
1 5 10

<210> 153
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<220>
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Cys Gln Thr Trp Gln Cys Tyr Trp Arg Arg Asn Gly Xaa Lys
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<220>
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<220>
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<400> 154

Cys Gln Thr Trp Gln Cys Tyr Trp Arg Lys Asn Gly Xaa Lys
1 5 10

<210> 155
<211> 14
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 155
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Xaa Asn Gly Xaa Lys
1 5 10

<210> 156
<211> 14
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<220>
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<220>
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<222> (10)..(10)
<223> D-Glu

<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
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<400> 156
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Glu Asn Gly Xaa Lys
1 5 10

<210> 157
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<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
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<400> 157
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Glu Asn Gly Xaa Lys
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<220>
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<400> 158
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Glu Asn Gly Xaa Lys
1 5 10

<210> 159
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peptide

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<222> (12)..(12)
<223> (2-aminoethoxy)acetic acid

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Cys Gln Thr Trp Gln Cys Tyr Trp Glu Asn Gly Xaa Lys
1 5 10

<210> 160
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<220>
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<400> 160
Cys Ala Asp Trp Val Cys
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<210> 161
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<220>
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<223> N-MeArg

<220>
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<222> (13)..(13)
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<400> 161
Cys Arg Asp Trp Gln Cys Tyr Trp Arg Lys Phe Gly Xaa Lys
1 5 10

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<220>
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Cys Arg Asp Trp Gln Cys Tyr Trp Arg Lys Phe Gly Xaa Lys
1 5 10

<210> 163
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<222> (9)..(9)
<223> D-Arg

<220>
<221> MOD_RES
<222> (13)..(13)
<223> AEP

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 163
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1 5 10

<210> 164
<211> 14
<212> PRT
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<220>
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<220>
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<223> D-Arg

<220>
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<222> (10)..(10)
<223> D-Lys

<220>
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<222> (13)..(13)
<223> AEP

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 164
Cys Arg Asp Trp Gln Cys Tyr Trp Arg Lys Phe Gly Xaa Lys
1 5 10

<210> 165
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
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<222> (9)..(9)
<223> N-MeArg

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 165
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Glu Asn Gly Xaa Lys
1 5 10

<210> 166
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 166
Cys Thr Asp Trp Lys Cys Tyr Trp His Glu Phe Gly
1 5 10

<210> 167
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 167
Cys Arg Thr Trp Thr Cys Tyr Trp His Val Tyr Gly
1 5 10

<210> 168
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 168
Cys Pro Asn Trp Glu Cys Tyr Trp His Arg Phe Gly
1 5 10

<210> 169
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 169
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 170
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 170
Cys Ala Asp Trp Met Cys Tyr Trp His Glu Tyr Gly
1 5 10

<210> 171
<211> 12
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<213> Artificial Sequence

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

<400> 171

Cys Thr Thr Trp Lys Cys Tyr Trp His Gln Tyr Gly
1 5 10

<210> 172
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 172
Cys Ser Asn Trp Glu Cys Tyr Trp His His Tyr Gly
1 5 10

<210> 173
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 173
Cys Ser Asp Trp Val Cys Tyr Trp His Val Tyr Gly
1 5 10

<210> 174
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 174
Cys Asp Thr Trp Lys Cys Tyr Trp His Arg Gln Ser
1 5 10

<210> 175
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 1-Nal

<400> 175
Cys Ala Asp Trp Val Cys Tyr Xaa His Thr Phe Gly
1 5 10

<210> 176
<211> 12

<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<222> (8)..(8)
<223> 2-Nal

<400> 176
Cys Ala Asp Trp Val Cys Tyr Xaa His Thr Phe Gly
1 5 10

<210> 177
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 177
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 178
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (13)..(13)
<223> D-Lys

<400> 178
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Lys
1 5 10

<210> 179
<211> 15
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (15)..(15)
<223> D-Lys

<400> 179

Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Ala Pro Lys
1 5 10 15

<210> 180
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 180
Cys Thr Asp Trp Lys Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 181
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 181
Cys Arg Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 182
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 182
Cys Ala Asp Trp Val Cys Tyr Trp His Glu Phe Gly
1 5 10

<210> 183
<211> 16
<212> PRT
<213> Artificial Sequence

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

<400> 183
Cys Ala Asp Trp Val Cys Tyr Trp His Phe His Gln Leu Arg Asp Ala
1 5 10 15

<210> 184
<211> 16
<212> PRT
<213> Artificial Sequence

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

<400> 184
Cys Ala Asp Trp Val Cys Tyr Trp His Glu His Ser Glu Arg Val Gly
1 5 10 15

<210> 185
<211> 16
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 185
Cys Ala Asp Trp Val Cys Tyr Trp His Asn His Ser Glu Gly Ser Gly
1 5 10 15

<210> 186
<211> 16
<212> PRT
<213> Artificial Sequence

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

<400> 186
Cys Ala Asp Trp Val Cys Tyr Trp His Arg Ser Thr Gly Gly Gln His
1 5 10 15

<210> 187
<211> 15
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<223> D-Lys

<220>
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<223> 1-Nal

<220>
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<223> Sarc

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<222> (14)..(14)
<223> AEP

<220>
<221> MOD_RES
<222> (15)..(15)
<223> D-Arg

<400> 187
Lys Cys Arg Asp Trp Gln Cys Tyr Xaa His Thr His Xaa Xaa Arg
1 5 10 15

<210> 188
<211> 16
<212> PRT
<213> Artificial Sequence

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

<400> 188
Thr Gln Phe Asp Cys Arg Thr Trp Glu Cys Tyr Trp His Thr Phe Gly
1 5 10 15

<210> 189
<211> 16
<212> PRT
<213> Artificial Sequence

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

<400> 189
Gly Gly Val Glu Cys Asn Asp Trp Gln Cys Tyr Trp His Thr Phe Gly
1 5 10 15

<210> 190
<211> 16
<212> PRT
<213> Artificial Sequence

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

<400> 190
Arg Glu Gly Thr Cys Ser Thr Trp Lys Cys Tyr Trp His Thr Phe Gly
1 5 10 15

<210> 191
<211> 16
<212> PRT
<213> Artificial Sequence

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

<400> 191
Asp Thr Pro Arg Cys Arg Thr Trp Glu Cys Tyr Trp His Thr Phe Gly
1 5 10 15

<210> 192
<211> 16
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 192
Gly Gly Gly Glu Cys Glu Asn Trp Glu Cys Tyr Trp His Thr Phe Gly
1 5 10 15

<210> 193
<211> 16
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 193
Gly Asp His Lys Cys Ser Ser Trp Glu Cys Tyr Trp His Thr Phe Gly
1 5 10 15

<210> 194
<211> 16
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 194
Gly Ser Val His Cys Met Thr Trp Glu Cys Tyr Trp His Thr Phe Gly
1 5 10 15

<210> 195
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 1-Nal

<400> 195
Cys Ala Asp Trp Val Cys Tyr Xaa Val Thr Phe Gly
1 5 10

<210> 196
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
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<222> (9)..(9)
<223> D-His

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 196
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Xaa Lys
1 5 10

<210> 197
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 197
Cys Arg Asp Trp Gln Cys Tyr Trp His Lys Phe Gly
1 5 10

<210> 198
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 198
Cys Ser Asn Trp Val Cys Tyr Trp His Thr Tyr Gly
1 5 10

<210> 199
<211> 14
<212> PRT
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<220>
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<222> (13)..(13)
<223> Beta-Ala

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 199
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Ala Lys

1 5 10

<210> 200
<211> 14
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
<223> D-Lys

<400> 200
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Xaa Lys
1 5 10

<210> 201
<211> 12
<212> PRT
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<220>
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<400> 201
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 202
<211> 14
<212> PRT
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<220>
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<222> (13)..(13)
<223> AEP

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Arg

<400> 202
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Xaa Arg
1 5 10

<210> 203

<211> 14
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (13)..(13)
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<400> 203
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Xaa Lys
1 5 10

<210> 204
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
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<222> (13)..(13)
<223> Gaba

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 204
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Xaa Lys
1 5 10

<210> 205
<211> 13
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Hexanoic-D-Lys

<400> 205
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Lys
1 5 10

<210> 206
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (PEG)2-D-Lys

<400> 206
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Lys
1 5 10

<210> 207
<211> 14
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 207
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Pro Lys
1 5 10

<210> 208
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
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<222> (13)..(13)
<223> Azt

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 208
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Xaa Lys
1 5 10

<210> 209
<211> 14
<212> PRT
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<220>
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peptide

<220>
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<222> (14)..(14)
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<400> 209
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Ala Lys
1 5 10

<210> 210
<211> 15
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<222> (15)..(15)
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<400> 210
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Ala Pro Lys
1 5 10 15

<210> 211
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<220>
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<223> Azt

<220>
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<222> (15)..(15)
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<400> 211
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Ala Xaa Lys
1 5 10 15

<210> 212
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<220>
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<220>
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<400> 212
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Ala Ala Lys
1 5 10 15

<210> 213
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<223> AEP

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<222> (14)..(14)
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<400> 213
Cys Arg Asp Trp Gln Cys Tyr Trp His Lys Phe Gly Xaa Lys
1 5 10

<210> 214
<211> 12
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<220>
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<400> 214
Cys Ala Thr Trp Gln Cys Tyr Trp His Glu Tyr Gly
1 5 10

<210> 215
<211> 12
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<220>
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<400> 215
Cys Lys Thr Trp Thr Cys Tyr Trp His Glu Phe Gly
1 5 10

<210> 216
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<400> 216
Cys Thr Thr Trp Thr Cys Tyr Trp His Gln Tyr Gly
1 5 10

<210> 217
<211> 12
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<213> Artificial Sequence

<220>
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<400> 217
Cys Arg Thr Trp Glu Cys Tyr Trp His Glu Phe Gly
1 5 10

<210> 218
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<400> 218
Cys Arg Thr Trp Gln Cys Tyr Trp His Glu Tyr Gly
1 5 10

<210> 219
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<400> 219
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Glu Asn Gly
1 5 10

<210> 220
<211> 12
<212> PRT
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<220>
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<400> 220
Cys Arg Thr Trp Glu Cys Tyr Trp His Glu Tyr Gly
1 5 10

<210> 221
<211> 12
<212> PRT

<213> Artificial Sequence

<220>
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<400> 221
Cys Thr Thr Trp Glu Cys Tyr Trp His Glu Tyr Gly
1 5 10

<210> 222
<211> 12
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 222
Cys Arg Thr Trp Glu Cys Tyr Trp His Glu Gln Ser
1 5 10

<210> 223
<211> 12
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<213> Artificial Sequence

<220>
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<400> 223
Cys Thr Thr Trp Glu Cys Tyr Trp His Gln Phe Gly
1 5 10

<210> 224
<211> 12
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<400> 224
Cys Thr Thr Trp Glu Cys Tyr Trp His Glu Phe Gly
1 5 10

<210> 225
<211> 12
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<220>
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<400> 225
Cys Gln Thr Trp Glu Cys Tyr Trp His Leu Tyr Gly
1 5 10

<210> 226

<211> 12
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<400> 226
Cys Glu Asp Trp Lys Cys Tyr Trp His Lys Tyr Gly
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<210> 227
<211> 12
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<220>
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<400> 227
Cys Thr Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 228
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<220>
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<400> 228
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Tyr Gly
1 5 10

<210> 229
<211> 16
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<220>
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<400> 229
Cys Ala Asp Trp Val Cys Tyr Trp His Arg His Ala Asp Arg Val Lys
1 5 10 15

<210> 230
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<220>
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<400> 230
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Glu Arg
1 5 10

<210> 231
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 231
Cys Ala Asp Trp Val Cys Tyr Trp His Thr His Gly Glu Arg
1 5 10

<210> 232
<211> 16
<212> PRT
<213> Artificial Sequence

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

<400> 232
Asp Thr Pro Arg Cys Arg Thr Trp Glu Cys Tyr Trp His Thr Phe Gly
1 5 10 15

<210> 233
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
<223> D-Lys

<400> 233
Cys Gln Thr Trp Val Cys Tyr Trp Arg Glu Asn Gly Xaa Lys
1 5 10

<210> 234
<211> 14
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<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 234
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Glu Asn Gly Xaa Lys
1 5 10

<210> 235
<211> 14
<212> PRT
<213> Artificial Sequence

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

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<223> (2-aminoethoxy)acetic acid

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<221> MOD_RES
<222> (14)..(14)
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<400> 235
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Thr Asn Gly Xaa Lys
1 5 10

<210> 236
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<400> 236
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Lys Asn Gly Xaa Lys
1 5 10

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Cys Gln Thr Trp Gln Cys Tyr Trp Arg Arg Asn Gly Xaa Lys
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<400> 238
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Xaa Asn Gly Xaa Lys
1 5 10

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<220>
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<223> D-Lys

<400> 239
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Xaa Asn Gly Xaa Lys
1 5 10

<210> 240
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<220>
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<222> (14)..(14)
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<400> 240
Cys Arg Thr Trp Gln Cys Tyr Trp Arg Lys Phe Gly Xaa Lys
1 5 10

<210> 241
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<220>
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<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Arg

<400> 241
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Glu Asn Gly Xaa Arg
1 5 10

<210> 242
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 242
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Glu Asn Gly Xaa Lys
1 5 10

<210> 243
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 243
Cys Gln Asp Trp Gln Cys Tyr Trp Arg Glu Asn Gly Xaa Lys
1 5 10

<210> 244
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 244
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Glu Asn Gly Xaa Lys
1 5 10

<210> 245

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

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

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 245
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Thr Asn Gly Xaa Lys
1 5 10

<210> 246
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 246
Cys Gln Thr Trp Val Cys Tyr Trp Arg Glu Asn Gly Xaa Lys
1 5 10

<210> 247
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 247
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Lys Asn Gly Xaa Lys
1 5 10

<210> 248
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Cav

<400> 248
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Glu Asn Gly
1 5 10

<210> 249
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Cpa

<400> 249
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Glu Asn Gly
1 5 10

<210> 250
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 250
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 251
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 251
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 252
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys-Ac

<400> 252
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Lys Asn Gly
1 5 10

<210> 253
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 253
Cys Arg Thr Trp Gln Cys Tyr Trp Arg Lys Phe Gly
1 5 10

<210> 254
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
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<223> Pen

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES

<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-Me-Lys

<400> 254
Xaa Gln Thr Trp Gln Xaa Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 255
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
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<223> Pen

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 255
Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Asn
1 5 10

<210> 256
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Pen

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLeu

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 256
Xaa Gln Thr Trp Gln Xaa Phe Xaa Leu Lys Asn Asn
1 5 10

<210> 257
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
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<223> Pen

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-CONH2)

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

<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 257
Xaa Gln Thr Trp Gln Xaa Phe Xaa Lys Lys Asn Asn
1 5 10

<210> 258
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 258
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 259
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>

<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-(2-aminoethoxy))

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 259
Xaa Gln Thr Trp Gln Cys Phe Trp Lys Glu Asn Gly
1 5 10

<210> 260
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 4-amino-4-carboxy-tetrahydropyran

<400> 260
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Glu Asn Asn
1 5 10

<210> 261
<211> 20
<212> PRT
<213> Mus sp.

<400> 261
Asn Trp Gln Pro Trp Ser Ser Pro Phe Val His Gln Thr Ser Gln Glu
1 5 10 15

Thr Gly Lys Arg
20

<210> 262
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Pen

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 262
Xaa Gln Thr Trp Gln Xaa Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 263
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Pen

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-OMe)

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

<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 263
Xaa Gln Thr Trp Gln Xaa Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 264
<211> 8
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Any amino acid

<400> 264
Cys Xaa Xaa Trp Xaa Cys Tyr Trp
1 5

<210> 265
<211> 4
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> alpha-MeLys

<400> 265
Lys Glu Asn Gly
1

<210> 266

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

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Lys(Ac)

<400> 266
Lys Lys Asn Asn
1

<210> 267
<211> 4
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> alpha-MeLeu

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Lys(Ac)

<400> 267
Leu Lys Asn Asn
1

<210> 268
<211> 4
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> alpha-MeLeu

<400> 268
Leu Glu Asn Gly
1

<210> 269
<211> 4
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> alpha-MeLeu

<400> 269
Leu Glu Asn Gly
1

<210> 270
<211> 4
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> alpha-MeLys

<400> 270
Lys Glu Asn Asn
1

<210> 271
<211> 6
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-MeLys

<400> 271
Trp Gln Cys Tyr Xaa Lys
1 5

<210> 272
<211> 6

<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-MeLys

<400> 272
Trp Gln Cys Phe Xaa Lys
1 5

<210> 273
<211> 6
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Aib

<400> 273
Trp Gln Cys Phe Xaa Xaa
1 5

<210> 274
<211> 6
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Pen

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (6)..(6)
<223> alpha-MeLys

<400> 274
Trp Gln Xaa Phe Xaa Lys
1 5

<210> 275
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Any amino acid

<220>
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<222> (5)..(5)
<223> Any amino acid

<220>
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<222> (10)..(10)
<223> Any amino acid

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<222> (12)..(12)
<223> Any amino acid

<220>
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<222> (13)..(13)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> D-Lys

<400> 275
Cys Xaa Xaa Trp Xaa Cys Tyr Trp His Xaa Phe Xaa Xaa Lys
1 5 10

<210> 276
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tyr(OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 276
Xaa Gln Thr Trp Gln Cys Tyr Xaa Lys Glu Asn Gly
1 5 10

<210> 277
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 277
Phe Pro Thr Trp Glu Trp Tyr Trp Cys Asn Arg Asp
1 5 10

<210> 278
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 278
Ala Leu Thr Trp Glu Phe Tyr Trp Leu Cys Arg Glu
1 5 10

<210> 279
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Pen

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tyr(OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 279
Xaa Gln Thr Trp Gln Xaa Tyr Xaa Lys Glu Asn Gly
1 5 10

<210> 280
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 280

Xaa Gln Thr Trp Gln Cys Phe Trp Lys Glu Asn Gly
1 5 10

<210> 281
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 281
Lys Met Thr Trp Gln Asp Tyr Trp Leu Tyr Gly Arg
1 5 10

<210> 282
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Pen

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-Me-Lys

<400> 282
Xaa Gln Thr Trp Gln Xaa Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 283
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Pen

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 283
Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Asn
1 5 10

<210> 284
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 284
Ala Met Thr Trp Gln Asp Tyr Trp Leu Tyr Gly Lys
1 5 10

<210> 285
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Pen

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLeu

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 285
Xaa Gln Thr Trp Gln Xaa Phe Xaa Leu Lys Asn Asn
1 5 10

<210> 286
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Pen

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-CONH2)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 286
Xaa Gln Thr Trp Gln Xaa Phe Xaa Lys Lys Asn Asn

1 5 10

<210> 287

<400> 287
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<210> 288

<400> 288
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<210> 289

<400> 289
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<210> 290

<400> 290
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<210> 291
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Beta-Ala

<400> 291
Ala Ser Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 292
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> D-Lys

<400> 292
Lys Ser Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 293

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

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> D-Lys

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Beta-Ala

<400> 293
Lys Ala Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 294
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (2-aminoethoxy)acetic acid

<400> 294
Xaa Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 295
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> D-Lys

<400> 295
Lys Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 296
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 296
Cys Lys Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 297
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 297
Cys Ala Asp Trp Lys Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 298
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 298
Cys Ala Asp Trp Val Cys Tyr Trp Lys Thr Phe Gly
1 5 10

<210> 299
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 299
Cys Ala Asp Trp Val Cys Tyr Trp His Lys Phe Gly
1 5 10

<210> 300
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 300
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Lys Gly
1 5 10

<210> 301
<211> 13

<212> PRT
<213> Artificial Sequence

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

<400> 301
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Asp Lys
1 5 10

<210> 302
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 302
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Asp Lys
1 5 10

<210> 303
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
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<222> (13)..(13)
<223> Beta-Ala

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 303
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Ala Lys
1 5 10

<210> 304
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES

<222> (14)..(14)
<223> D-Lys

<400> 304
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Xaa Lys
1 5 10

<210> 305
<211> 13
<212> PRT
<213> Artificial Sequence

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

<400> 305
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Lys
1 5 10

<210> 306
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Beta-Ala

<400> 306
Ala Ser Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 307
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> D-Lys

<400> 307
Lys Ser Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 308
<211> 14
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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<222> (1)..(1)
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<220>
<221> MOD_RES
<222> (2)..(2)
<223> Beta-Ala

<400> 308
Lys Ala Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 309
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> (2-aminoethoxy)acetic acid

<400> 309
Xaa Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 310
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> D-Lys

<400> 310
Lys Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 311
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 311
Cys Lys Asp Trp Val Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 312
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 312
Cys Ala Asp Trp Lys Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 313
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 313
Cys Ala Asp Trp Val Cys Tyr Trp Lys Thr Phe Gly
1 5 10

<210> 314
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 314
Cys Ala Asp Trp Val Cys Tyr Trp His Lys Phe Gly
1 5 10

<210> 315
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 315
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Lys Gly
1 5 10

<210> 316
<211> 12
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<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<220>
<221> MOD_RES
<222> (12)..(12)
<223> D-Lys

<400> 316
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Lys
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<210> 317
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (13)..(13)
<223> D-Lys

<400> 317
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Lys
1 5 10

<210> 318
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
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<222> (13)..(13)
<223> Beta-Ala

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 318
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Ala Lys
1 5 10

<210> 319
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 319
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Xaa Lys
1 5 10

<210> 320
<211> 13
<212> PRT
<213> Artificial Sequence

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

<400> 320
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Lys
1 5 10

<210> 321
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-hTyr

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 321
Cys Gln Thr Trp Gln Cys Tyr Tyr Arg Val Asn Gly Xaa Lys
1 5 10

<210> 322
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-hPhe(4-F)

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 322
Cys Gln Thr Trp Gln Cys Tyr Phe Arg Val Asn Gly Xaa Lys
1 5 10

<210> 323
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Beta-Nva(5-Phenyl)

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 323
Cys Gln Thr Trp Gln Cys Tyr Xaa Arg Val Asn Gly Xaa Lys
1 5 10

<210> 324
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Phe(3,4-Cl2)

<220>
<221> MOD_RES

<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 324
Cys Gln Thr Trp Gln Cys Tyr Phe Arg Val Asn Gly Xaa Lys
1 5 10

<210> 325
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Tqa

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 325
Cys Gln Thr Trp Gln Cys Tyr Xaa Arg Val Asn Gly Xaa Lys
1 5 10

<210> 326
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Beta-hLeu

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 326
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Leu Asn Gly Xaa Lys
1 5 10

<210> 327
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> Aib

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<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 327
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Xaa Asn Gly Xaa Lys
1 5 10

<210> 328
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
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<223> Beta-hAla

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 328
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Ala Asn Gly Xaa Lys
1 5 10

<210> 329
<211> 14
<212> PRT

<213> Artificial Sequence

<220>
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<220>
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<222> (10)..(10)
<223> Beta-hVal

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 329
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Val Asn Gly Xaa Lys
1 5 10

<210> 330
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
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<222> (10)..(10)
<223> Beta-spiral-pip

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 330
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Xaa Asn Gly Xaa Lys
1 5 10

<210> 331
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>

<221> MOD_RES
<222> (10)..(10)
<223> Beta-Glu

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 331
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Glu Asn Gly Xaa Lys
1 5 10

<210> 332
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Beta-hLeu

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 332
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Val Asn Gly Xaa Lys
1 5 10

<210> 333
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (9)..(9)
<223> Beta-Aib

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 333
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Val Asn Gly Xaa Lys
1 5 10

<210> 334
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<222> (9)..(9)
<223> Beta-hAla

<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 334
Cys Gln Thr Trp Gln Cys Tyr Trp Ala Val Asn Gly Xaa Lys
1 5 10

<210> 335
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
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<223> Beta-hVal

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 335
Cys Gln Thr Trp Gln Cys Tyr Trp Val Val Asn Gly Xaa Lys

1 5 10

<210> 336
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Beta-spiral-pip

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 336
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Val Asn Gly Xaa Lys
1 5 10

<210> 337
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
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<222> (9)..(9)
<223> Beta-hArg

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 337
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Val Asn Gly Xaa Lys
1 5 10

<210> 338
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (6)..(6)
<223> MeCys

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 338
Met Arg Thr Trp Gln Cys Tyr Trp Arg Lys Phe Gly Xaa Lys
1 5 10

<210> 339
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 339
Ala Cys Asp Trp Val Cys Tyr Trp Arg Lys Phe Gly Xaa Lys
1 5 10

<210> 340
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)

<223> D-Lys

<400> 340
Ser Arg Thr Trp Gln Ser Tyr Trp Arg Lys Phe Gly Xaa Lys
1 5 10

<210> 341
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> D-Lys

<400> 341
Cys Asp Trp Val Cys Tyr Trp Arg Lys Phe Gly Xaa Lys
1 5 10

<210> 342
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> MeCys

<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 342
Ala Arg Thr Trp Gln Cys Tyr Trp Arg Lys Phe Gly Xaa Lys
1 5 10

<210> 343
<211> 14
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 343
Ala Arg Thr Trp Gln Ala Tyr Trp Arg Lys Phe Gly Xaa Lys
1 5 10

<210> 344
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<220>
<221> MOD_RES
<222> (12)..(12)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (13)..(13)
<223> D-Lys

<400> 344
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Xaa Lys
1 5 10

<210> 345
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 345
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly Xaa Lys
1 5 10

<210> 346
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 346
Cys Ser Thr Trp Glu Cys Tyr Trp Arg Val Tyr Gly Xaa Lys
1 5 10

<210> 347
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Orn

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 347
Cys Xaa Thr Trp Gln Cys Tyr Trp Arg Val Phe Gly Xaa Lys
1 5 10

<210> 348
<211> 14

<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Orn

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Dap

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 348
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Xaa Phe Gly Xaa Lys
1 5 10

<210> 349
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> N-MeAsn

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 349
Cys Asn Thr Trp Gln Cys Tyr Trp Arg Val Phe Gly Xaa Lys
1 5 10

<210> 350
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> N-MeLys

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 350
Cys Lys Thr Trp Gln Cys Tyr Trp Arg Val Phe Gly Xaa Lys
1 5 10

<210> 351
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Dab

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 351
Cys Xaa Thr Trp Gln Cys Tyr Trp Arg Val Phe Gly Xaa Lys
1 5 10

<210> 352
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<223> Dap

<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
<223> D-Lys

<400> 352
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<210> 353
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<220>
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<220>
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<223> Dap

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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
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<400> 353
Cys Ser Thr Trp Gln Cys Tyr Trp Xaa Xaa Tyr Gly Xaa Lys
1 5 10

<210> 354
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<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
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<400> 354
Cys Ser Thr Trp Glu Cys Tyr Trp Xaa Xaa Tyr Gly Xaa Lys
1 5 10

<210> 355
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<220>
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<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
<223> D-Lys

<400> 355
Cys Gln Thr Trp Gln Cys Phe Phe Xaa Xaa Phe Gly Xaa Lys
1 5 10

<210> 356
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<400> 356
Cys Pro Thr Trp Gln Cys Tyr Trp Arg Val Phe Gly Xaa Lys
1 5 10

<210> 357
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<400> 357
Cys Ser Thr Trp Glu Cys Tyr Trp Xaa Xaa Tyr Gly Xaa Lys
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<210> 358
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<222> (14)..(14)
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<400> 358
Cys Ser Thr Trp Glu Cys Tyr Trp Arg Val Phe Gly Xaa Lys
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<210> 359
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1 5 10

<210> 360
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Cys Gln Thr Trp Gln Cys Tyr Phe Xaa Xaa Phe Gly Xaa Lys
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<400> 361
Cys Asn Thr Trp Gln Cys Tyr Trp Arg Val Phe Gly Xaa Lys
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<210> 362
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<222> (14)..(14)
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<400> 362
Cys Xaa Thr Trp Gln Cys Tyr Trp Arg Val Phe Gly Xaa Lys
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<210> 363
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<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
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<400> 363
Cys Ala Thr Trp Gln Cys Tyr Trp Arg Val Phe Gly Xaa Lys
1 5 10

<210> 364
<211> 14
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<222> (14)..(14)
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<400> 364
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1 5 10

<210> 365
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1 5 10

<210> 366
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<222> (14)..(14)
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<400> 366
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Xaa Phe Gly Xaa Lys
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<210> 367
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<222> (14)..(14)
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<400> 367
Cys Gln Thr Trp Gln Cys Tyr Trp Lys Xaa Phe Gly Xaa Lys
1 5 10

<210> 368
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<222> (13)..(13)
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<220>
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<222> (14)..(14)
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<400> 368
Cys Gln Thr Trp Gln Cys Tyr Trp His Xaa Phe Gly Xaa Lys
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<210> 369
<211> 14
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<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

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<222> (14)..(14)
<223> D-Lys

<400> 369
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Leu Phe Gly Xaa Lys
1 5 10

<210> 370
<211> 14
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<220>
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<222> (10)..(10)
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
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<222> (14)..(14)
<223> D-Lys

<400> 370
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Xaa Phe Gly Xaa Lys
1 5 10

<210> 371
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 371
Cys Ser Thr Trp Glu Cys Tyr Trp Arg Thr Phe Gly
1 5 10

<210> 372
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 372
Cys Asp Ser Trp Glu Cys Tyr Trp Arg Thr Tyr Gly
1 5 10

<210> 373
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<400> 373
Cys Ser Thr Trp Glu Cys Tyr Trp His Thr Tyr Gly
1 5 10

<210> 374
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<400> 374
Cys Lys Thr Trp Thr Cys Tyr Trp His Thr Tyr Gly
1 5 10

<210> 375
<211> 12
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<213> Artificial Sequence

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

<400> 375
Cys Arg Thr Trp Glu Cys Tyr Trp His Glu Tyr Ser
1 5 10

<210> 376
<211> 12
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<220>
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<400> 376
Cys Arg Thr Trp Thr Cys Tyr Trp His Glu Tyr Gly
1 5 10

<210> 377
<211> 12
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<220>
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<400> 377
Cys Phe Thr Trp Gln Cys Tyr Trp His Glu Tyr Ser
1 5 10

<210> 378
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<220>
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<220>
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<400> 379
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<210> 380
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<212> PRT
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<220>
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<210> 381
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<220>
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<210> 382
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<220>
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<400> 382
Cys Ala Asp Trp Val Cys Tyr Trp
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<210> 383
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<212> PRT
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<220>
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<400> 383
Cys Ala Asp Trp Val Cys Tyr Trp His
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<210> 384
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<220>
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<400> 384
Cys Ala Asp Trp Val Cys Tyr Trp His Thr
1 5 10

<210> 385
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<220>
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<400> 385
Cys Ala Asp Trp Val Cys Tyr Trp His Thr Phe
1 5 10

<210> 386
<211> 12
<212> PRT
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<220>
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<400> 386
Cys Met Thr Trp Gln Cys Tyr Trp Leu Tyr Gly Arg
1 5 10

<210> 387
<211> 12
<212> PRT
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<220>
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<400> 387
Cys Arg Thr Trp Gln Cys Tyr Trp His Glu Phe Gly
1 5 10

<210> 388
<211> 12
<212> PRT
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<220>
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<400> 388

Cys Arg Thr Trp Glu Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 389
<211> 12
<212> PRT
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<220>
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<400> 389
Cys Gln Thr Trp Gln Cys Tyr Trp His Glu Phe Gly
1 5 10

<210> 390
<211> 14
<212> PRT
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<220>
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<400> 390
Cys Arg Thr Trp Gln Cys Tyr Trp Gln Gln Phe Gly Gly Glu
1 5 10

<210> 391
<211> 14
<212> PRT
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<220>
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<400> 391
Cys Arg Ser Trp Gln Cys Tyr Trp Leu Asn Phe Gly Pro Asp
1 5 10

<210> 392
<211> 14
<212> PRT
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<220>
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<400> 392
Cys Arg Thr Trp Gln Cys Tyr Trp Leu Lys Met Gly Asp Ser
1 5 10

<210> 393
<211> 14
<212> PRT
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<220>
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<400> 393
Cys Gln Thr Trp Gln Cys Tyr Trp Ile Lys Arg Asp Gln Gly
1 5 10

<210> 394
<211> 14
<212> PRT
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<220>
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<400> 394
Cys Ser Thr Trp Gln Cys Tyr Trp Leu Lys His Gly Gly Glu
1 5 10

<210> 395
<211> 14
<212> PRT
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<220>
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<400> 395
Cys Ser Thr Trp Glu Cys Tyr Trp Ser Gln Arg Ala Asp Gln
1 5 10

<210> 396
<211> 14
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<220>
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<400> 396
Cys Gln Thr Trp Glu Cys Tyr Trp Arg Thr Phe Gly Pro Ser
1 5 10

<210> 397
<211> 14
<212> PRT
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<220>
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<400> 397
Cys Arg Thr Trp Gln Cys Tyr Trp Gln Glu Lys Gly Thr Asp
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<210> 398
<211> 14
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 398
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Asp Ser Leu Gly Asp
1 5 10

<210> 399
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<212> PRT
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<220>
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Cys Arg Thr Trp Gln Cys Tyr Trp Thr Lys Phe Gly Ser Glu Pro
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<210> 400
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<400> 400
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<210> 401
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<220>
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<400> 401
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Leu Gly
1 5 10

<210> 402
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<400> 402
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Thr Gly
1 5 10

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<220>
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<222> (9)..(9)
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<400> 403
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Phe Asn Gly
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<210> 404
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<220>
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<400> 404
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Pro Asn Gly
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<210> 405
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<400> 405
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Asn Asn Gly
1 5 10

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<400> 406
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Leu Asn Gly
1 5 10

<210> 407
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<220>
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<400> 407
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Thr Asn Gly
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<210> 408
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<400> 408
Cys Gln Thr Trp Gln Cys Tyr Trp Phe Glu Asn Gly
1 5 10

<210> 409
<211> 12
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<220>
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<400> 409
Cys Gln Thr Trp Gln Cys Tyr Trp Pro Glu Asn Gly
1 5 10

<210> 410
<211> 12
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<220>
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<400> 410
Cys Gln Thr Trp Gln Cys Tyr Trp Gln Glu Asn Gly
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<210> 411
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<220>
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<400> 411
Cys Gln Thr Trp Gln Cys Tyr Trp Thr Glu Asn Gly
1 5 10

<210> 412
<211> 12
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<220>
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<400> 412
Cys Gln Thr Trp Gln Cys Tyr Trp Glu Glu Asn Gly
1 5 10

<210> 413
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<220>
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<400> 413
Cys Gln Thr Trp Phe Cys Tyr Trp Leu Glu Asn Gly
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<210> 414
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<220>
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<400> 414
Cys Gln Thr Trp Pro Cys Tyr Trp Leu Glu Asn Gly
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<210> 415
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<400> 415
Cys Gln Thr Trp Asn Cys Tyr Trp Leu Glu Asn Gly
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<400> 419
Cys Gln Thr Gly Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 420
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<220>
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<400> 420

Cys Gln Thr Pro Gln Cys Tyr Trp Leu Glu Asn Gly
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<210> 421
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<220>
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<400> 421
Cys Gln Thr Asn Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 422
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<220>
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<220>
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<400> 422
Cys Gln Thr Arg Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 423
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<400> 423
Cys Gln Thr Thr Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 424
<211> 12
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<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 424
Cys Gln Thr Glu Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 425
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 425
Cys Gln Phe Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 426
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 426
Cys Gln Pro Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 427
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES

<222> (9)..(9)
<223> hLeu

<400> 427
Cys Gln Asn Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 428
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 428
Cys Gln Arg Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 429
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 429
Cys Gln Glu Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 430
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 430
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 431
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeOrn

<400> 431
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Glu Asn Gly
1 5 10

<210> 432
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

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

<223> Phe(4-CO2H)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 432
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 433
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 433
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 434
<211> 12
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-CONH2)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 434
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 435
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 435
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Ala
1 5 10

<210> 436
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 436
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Ala Glu
1 5 10

<210> 437
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES

<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 437
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 438
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-(2-aminoethoxy))

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 438
Xaa Gln Thr Trp Gln Cys Phe Trp Lys Glu Asn Gly
1 5 10

<210> 439
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 439
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Asp Asn Gly
1 5 10

<210> 440
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(succinic acid)

<400> 440
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 441
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

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

<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(glutaric acid)

<400> 441
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 442
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(pyroglutamic acid) conjugated through side chain

<400> 442
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 443
<211> 12
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(isovaleric acid)

<400> 443
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 444
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<220>
<221> MOD_RES
<222> (13)..(13)
<223> D-Lys

<400> 444
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly Lys
1 5 10

<210> 445
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<400> 445
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly Xaa
1 5 10

<210> 446
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES

<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<400> 446
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Gln Asn Gly
1 5 10

<210> 447
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 447
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Lys Asn Ala
1 5 10

<210> 448
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<400> 448
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Lys Asn Gly
1 5 10

<210> 449
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 449
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 450
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 450
Cys Phe Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 451
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 451
Cys Pro Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 452
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 452
Cys Asn Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 453
<211> 12
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 453
Cys Gly Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 454
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 454
Cys Thr Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 455
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 455
Cys Glu Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 456
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
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<222> (9)..(9)
<223> N-MeLeu

<400> 456
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 457
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeOrn

<400> 457
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Glu Asn Gly
1 5 10

<210> 458
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeOrn

<400> 458
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Glu Asn Gly
1 5 10

<210> 459
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (7)..(7)
<223> alpha-MePhe

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 459
Cys Gln Thr Trp Gln Cys Phe Trp Leu Glu Asn Gly

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1 5 10

<210> 460
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<400> 460
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Glu Asn Gly
1 5 10

<210> 461
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (7)..(7)
<223> hTyr

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 461
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 462
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Bip

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 462
Cys Gln Thr Trp Gln Cys Xaa Trp Leu Glu Asn Gly
1 5 10

<210> 463
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
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<222> (9)..(9)
<223> Ogl

<400> 463
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Glu Asn Gly
1 5 10

<210> 464
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 464
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Lys Asn Gly
1 5 10

<210> 465
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 465
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly Gly
1 5 10

<210> 466
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 466
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly Pro
1 5 10

<210> 467
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 467
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly Glu
1 5 10

<210> 468
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
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<223> hLeu

<220>
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<222> (13)..(13)
<223> D-Glu

<400> 468
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly Glu
1 5 10

<210> 469

<211> 12
<212> PRT
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<220>
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<220>
<221> MOD_RES
<222> (8)..(8)
<223> alpha-MePhe

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 469
Cys Gln Thr Trp Gln Cys Tyr Phe Leu Glu Asn Gly
1 5 10

<210> 470
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 470
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly Pro
1 5 10

<210> 471
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 471
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly Gly
1 5 10

<210> 472
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 472
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly Leu
1 5 10

<210> 473
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
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<222> (9)..(9)
<223> hLeu

<400> 473
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly Phe
1 5 10

<210> 474
<211> 13
<212> PRT
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<220>
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<220>
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<223> hLeu

<400> 474
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly Glu
1 5 10

<210> 475
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<221> MOD_RES

<222> (9)..(9)
<223> hLeu

<400> 475
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly Asn
1 5 10

<210> 476
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> hLeu

<400> 476
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly Thr
1 5 10

<210> 477
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (9)..(9)
<223> hLeu

<400> 477
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly Arg
1 5 10

<210> 478
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> hLeu

<400> 478
Pro Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 479
<211> 13
<212> PRT
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<220>
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<220>
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<223> hLeu

<400> 479
Leu Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 480
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<220>
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<220>
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<400> 480
Phe Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 481
<211> 13
<212> PRT
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<220>
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<220>
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<400> 481
Glu Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 482
<211> 13
<212> PRT
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<220>
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<220>
<221> MOD_RES
<222> (10)..(10)
<223> hLeu

<400> 482
Asn Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 483
<211> 13
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<220>
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<220>
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<222> (10)..(10)
<223> hLeu

<400> 483
Arg Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 484
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 484
Cys Gln Thr Trp Gln Cys Tyr Xaa Leu Glu Asn Gly
1 5 10

<210> 485
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>

<221> MOD_RES
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<223> 1-Nal

<220>
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<222> (9)..(9)
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<400> 485
Cys Gln Thr Trp Gln Cys Tyr Xaa Leu Glu Asn Gly
1 5 10

<210> 486
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (7)..(7)
<223> 2-Nal

<220>
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<222> (9)..(9)
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<400> 486
Cys Gln Thr Trp Gln Cys Xaa Trp Leu Glu Asn Gly
1 5 10

<210> 487
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<223> 2-Nal

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Cys Gln Thr Trp Gln Cys Xaa Xaa Leu Glu Asn Gly
1 5 10

<210> 488
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<220>
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<223> 1-Nal

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<400> 488
Cys Gln Thr Trp Gln Cys Xaa Xaa Leu Glu Asn Gly
1 5 10

<210> 489
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<220>
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<220>
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<222> (7)..(7)
<223> Aic

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<222> (9)..(9)
<223> hLeu

<400> 489
Cys Gln Thr Trp Gln Cys Xaa Trp Leu Glu Asn Gly
1 5 10

<210> 490
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES

<222> (9)..(9)
<223> hLeu

<400> 490
Cys Gln Thr Trp Gln Cys His Trp Leu Glu Asn Gly
1 5 10

<210> 491
<211> 12
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<223> hLeu

<400> 491
Cys Gln Thr Trp Gln Cys Tyr His Leu Glu Asn Gly
1 5 10

<210> 492
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
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<222> (7)..(7)
<223> Tyr(OMe)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 492
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 493
<211> 12
<212> PRT
<213> Artificial Sequence

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

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<223> Bip

<220>
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<222> (9)..(9)
<223> hLeu

<400> 493
Cys Gln Thr Trp Gln Cys Tyr Xaa Leu Glu Asn Gly
1 5 10

<210> 494
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<222> (8)..(8)
<223> Tyr(OMe)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 494
Cys Gln Thr Trp Gln Cys Tyr Tyr Leu Glu Asn Gly
1 5 10

<210> 495
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<223> hLeu

<400> 495
Cys Gln Thr Trp Gln Cys His His Leu Glu Asn Gly
1 5 10

<210> 496
<211> 12
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<213> Artificial Sequence

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

<223> alpha-MeTrp

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 496
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Gln Gly
1 5 10

<210> 497
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Lys(PEG8)

<400> 497
Cys Gln Thr Trp Lys Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 498
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Any amino acid

<400> 498
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Leu Asn Gly
1 5 10

<210> 499
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Lys(PEG8)

<220>

<221> MOD_RES
<222> (9)..(9)
<223> Lys(PEG8)

<400> 499
Cys Gln Thr Trp Lys Cys Tyr Trp Lys Glu Asn Gly
1 5 10

<210> 500
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Lys(Palm)

<400> 500
Cys Gln Thr Trp Lys Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 501
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<221> MOD_RES
<222> (9)..(9)
<223> Orn

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Palm)

<400> 501
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Lys Asn Gly
1 5 10

<210> 502
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (2)..(2)
<223> D-Asn

<220>
<221> MOD_RES
<222> (3)..(3)
<223> D-Glu

<220>
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<222> (4)..(4)
<223> D-Leu

<220>
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<222> (5)..(5)
<223> D-Trp

<220>
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<222> (6)..(6)
<223> D-Tyr

<220>
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<222> (7)..(7)
<223> D-Cys

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<222> (8)..(8)
<223> D-Gln

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<222> (9)..(9)
<223> D-Trp

<220>
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<222> (10)..(10)
<223> D-Thr

<220>
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<222> (11)..(11)
<223> D-Gln

<220>
<221> MOD_RES
<222> (12)..(12)
<223> D-Cys

<400> 502
Gly Asn Glu Leu Trp Tyr Cys Gln Trp Thr Gln Cys
1 5 10

<210> 503
<211> 12
<212> PRT
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<220>
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<220>
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<222> (9)..(9)
<223> Orn

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(PEG8)

<400> 503
Cys Gln Thr Trp Gln Cys Tyr Trp Xaa Lys Asn Gly
1 5 10

<210> 504
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 504
Cys Arg Thr Trp Gln Cys Tyr Trp His Glu Phe Gly
1 5 10

<210> 505
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 505
Cys Arg Thr Trp Glu Cys Tyr Trp His Thr Phe Gly
1 5 10

<210> 506
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 506
Cys Gln Thr Trp Gln Cys Tyr Trp His Glu Phe Gly
1 5 10

<210> 507
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 507
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Asn Phe Gly Asp Ser
1 5 10

<210> 508
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 508
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Asn Phe Glu Ser Gly
1 5 10

<210> 509
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 509
Cys Gln Asp Trp Gln Cys Tyr Trp Arg Glu Phe Gly Pro Gly
1 5 10

<210> 510
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 510
Cys Gln Asp Trp Gln Cys Tyr Trp Arg Ser Phe Gly Pro Gln
1 5 10

<210> 511
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 511
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Thr Leu Gly Pro Ser
1 5 10

<210> 512
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES
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<223> D-Pro

<400> 512
Cys Gln Thr Trp Gln Cys Tyr Trp Pro Glu Asn Gly
1 5 10

<210> 513
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 513
Cys Gln Thr Trp Gln Cys Tyr Trp Glu Leu Asn Gly
1 5 10

<210> 514
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 514
Cys Gln Thr Trp Glu Cys Tyr Trp Glu Leu Asn Gly
1 5 10

<210> 515
<211> 12
<212> PRT
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<220>
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<220>
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<223> 1-Nal

<220>
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<222> (9)..(9)
<223> alpha-MeLeu

<400> 515
Cys Gln Thr Trp Gln Cys Tyr Xaa Leu Glu Asn Gly
1 5 10

<210> 516
<211> 12
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

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<223> 1-Nal

<220>
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<222> (9)..(9)
<223> D-Asn

<400> 516
Cys Gln Thr Trp Gln Cys Tyr Xaa Asn Glu Asn Gly
1 5 10

<210> 517
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Lys(Palm)

<400> 517
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Lys Gly
1 5 10

<210> 518
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Lys(Palm)

<400> 518
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Lys
1 5 10

<210> 519
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 519
Cys Ser Thr Trp Glu Cys Tyr Trp Arg Thr Phe Gly
1 5 10

<210> 520
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 520
Cys Asp Ser Trp Glu Cys Tyr Trp Arg Thr Tyr Gly
1 5 10

<210> 521
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 521
Cys Ser Thr Trp Glu Cys Tyr Trp His Thr Tyr Gly
1 5 10

<210> 522
<211> 12
<212> PRT
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<220>
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<220>
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<223> Pen

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
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<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 522
Xaa Gln Thr Trp Gln Xaa Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 523
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<221> MOD_RES
<222> (6)..(6)
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<220>
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<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
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<400> 523
Xaa Gln Thr Trp Gln Xaa Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 524
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<221> MOD_RES
<222> (6)..(6)
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<220>
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<222> (7)..(7)

<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-Me-Leu

<400> 524
Xaa Gln Thr Trp Gln Xaa Phe Xaa Leu Gln Asn Asn
1 5 10

<210> 525
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
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<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
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<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-Me-Leu

<400> 525
Xaa Gln Thr Trp Gln Xaa Phe Xaa Leu Gln Asn Asn
1 5 10

<210> 526
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<220>

<221> MOD_RES
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<222> (6)..(6)
<223> Pen

<220>
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<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 526
Xaa Gln Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Gln
1 5 10

<210> 527
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
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<223> Pen

<220>
<221> MOD_RES
<222> (6)..(6)
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<220>
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<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
<223> Aib

<220>
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<222> (10)..(10)
<223> Lys(Ac)

<400> 527
Xaa Gln Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Gln
1 5 10

<210> 528
<211> 13
<212> PRT
<213> Artificial Sequence

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

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<222> (6)..(6)
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<222> (7)..(7)
<223> Phe(4-OMe)

<220>
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<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
<223> alpha-MeVal

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<220>
<221> MOD_RES
<222> (13)..(13)
<223> D-Lys

<400> 528
Xaa Gln Thr Trp Gln Xaa Phe Xaa Val Lys Asn Asn Lys
1 5 10

<210> 529
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
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<222> (1)..(1)
<223> Pen

<220>
<221> MOD_RES
<222> (6)..(6)
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<220>
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<222> (7)..(7)
<223> Phe[4-(2-acetylaminoethoxy)]

<220>
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<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
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<220>
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<222> (10)..(10)
<223> Lys(Ac)

<220>
<221> MOD_RES
<222> (13)..(13)
<223> D-Lys

<400> 529
Xaa Gln Thr Trp Gln Xaa Phe Xaa Val Lys Asn Asn Lys
1 5 10

<210> 530
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
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<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-acetylaminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

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<210> 567
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<400> 587
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Gln Xaa Gln Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Asn
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Xaa Gln Thr Trp Gln Xaa Phe Xaa Lys Lys Asn Asn
1 5 10

<210> 656
<211> 12
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<220>
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<220>
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<223> Phe[4-(2-(acetyl-aminoethoxy)]

<220>
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<223> 2-Nal

<220>
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<222> (9)..(9)
<223> alpha-MeLys(Ac)

<220>
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<400> 656
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 657
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<220>
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<223> 2-Nal

<220>
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1 5 10

<210> 658
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<220>
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<220>
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<400> 658
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1 5 10

<210> 659
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<220>
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<223> 2-Nal

<220>
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<210> 660
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<220>
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<220>
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<220>
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<220>
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<220>
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<223> Lys(Ac)

<400> 660
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<210> 661
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<220>
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<222> (7)..(7)
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<220>
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<220>
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<223> Lys(Ac)

<220>
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<400> 661
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<220>
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<223> Phe[4-(2-(acetyl-aminoethoxy)]]

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<220>
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Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Glu Asn Gln
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<210> 663
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<220>
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<220>
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<222> (8)..(8)
<223> 2-Nal

<220>
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Xaa Gln Thr Trp Gln Cys Phe Xaa Leu Glu Asn Asn
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<220>
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<220>
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<222> (7)..(7)
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<220>
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<222> (8)..(8)
<223> 2-Nal

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<222> (9)..(9)
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<212> PRT
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<220>
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<223> Pen

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<220>
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<222> (9)..(9)
<223> alpha-MeLys

<220>
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<400> 666
Xaa Gln Thr Trp Gln Xaa Phe Xaa Lys Lys Asn Asn
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<211> 13
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> Pen

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<222> (7)..(7)
<223> Pen

<220>
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<222> (8)..(8)
<223> Phe(4-CONH2)

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<222> (9)..(9)
<223> 2-Nal

<220>
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<222> (10)..(10)
<223> alpha-MeVal

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Lys(Ac)

<400> 667
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1 5 10

<210> 668
<211> 12
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<222> (7)..(7)
<223> Phe(4-CONH2)

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<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
<223> alpha-MeLys

<220>
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<223> Lys(Ac)

<400> 668
Xaa Gln Thr Trp Gln Xaa Phe Xaa Lys Lys Asn Asn
1 5 10

<210> 669
<211> 12
<212> PRT

<213> Artificial Sequence

<220>
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<223> Pen

<220>
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<222> (7)..(7)
<223> Phe(4-CONH2)

<220>
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<222> (8)..(8)
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<220>
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<223> alpha-MeVal

<220>
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<400> 669
Xaa Gln Thr Trp Gln Xaa Phe Xaa Val Lys Asn Asn
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<210> 670
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<212> PRT
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<220>
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<222> (6)..(6)
<223> Pen

<220>
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<223> Phe(4-CONH2)

<220>

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<223> Phe(3,4-OMe2)

<220>
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<222> (9)..(9)
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<220>
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<210> 671
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<220>
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<220>
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<223> 2-Nal

<220>
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<222> (10)..(10)
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<223> Lys(Ac)

<400> 671
Phe Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Asn
1 5 10

<210> 672
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
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<222> (2)..(2)
<223> Pen

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<223> Pen

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<222> (8)..(8)
<223> Phe[4-(2-aminoethoxy)]

<220>
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<223> 2-Nal

<220>
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<222> (10)..(10)
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<220>
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<222> (11)..(11)
<223> Lys(Ac)

<400> 672
Phe Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Asn
1 5 10

<210> 673
<211> 13
<212> PRT
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<220>
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<220>
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<221> MOD_RES
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<223> Pen

<220>
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<222> (8)..(8)
<223> Phe[4-(2-aminoethoxy)]

<220>
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<222> (9)..(9)
<223> 2-Nal

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<222> (10)..(10)
<223> Achc

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<221> MOD_RES
<222> (11)..(11)
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<400> 673
Phe Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Asn
1 5 10

<210> 674
<211> 13
<212> PRT
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<220>
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<220>
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<222> (2)..(2)
<223> Pen

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<223> Pen

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<222> (8)..(8)
<223> Phe[4-(2-aminoethoxy)]

<220>
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<223> 2-Nal

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<220>
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<223> Cit

<400> 674
Phe Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Xaa Asn Asn
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<210> 675
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (2)..(2)
<223> Pen

<220>
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<223> Pen

<220>
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<222> (8)..(8)
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<220>
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<222> (9)..(9)
<223> 2-Nal

<220>
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<222> (10)..(10)
<223> Achc

<220>
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<223> Cit

<400> 675
Phe Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Xaa Asn Asn
1 5 10

<210> 676
<211> 13
<212> PRT

<213> Artificial Sequence

<220>
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<223> D-Phe

<220>
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<222> (2)..(2)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Pen

<220>
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<220>
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<220>
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<223> Aib

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Lys(Ac)

<220>
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<222> (13)..(13)
<223> Beta-Ala

<400> 676
Phe Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Ala
1 5 10

<210> 677
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
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<220>

<221> MOD_RES
<222> (2)..(2)
<223> Pen

<220>
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<222> (7)..(7)
<223> Pen

<220>
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<222> (8)..(8)
<223> Phe(4-OMe)

<220>
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<222> (9)..(9)
<223> 2-Nal

<220>
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<222> (10)..(10)
<223> 4-amino-4-carboxy-tetrahydropyran

<220>
<221> MOD_RES
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<223> Lys(Ac)

<400> 677
Phe Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Asn
1 5 10

<210> 678
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (2)..(2)
<223> Pen

<220>
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<222> (7)..(7)
<223> Pen

<220>
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<222> (8)..(8)
<223> Phe(4-OMe)

<220>
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<222> (9)..(9)
<223> 2-Nal

<220>
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<223> Achc

<220>
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<400> 678
Phe Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Asn
1 5 10

<210> 679
<211> 13
<212> PRT
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<220>
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<223> Pen

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<222> (8)..(8)
<223> Phe(4-OMe)

<220>
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<223> 2-Nal

<220>
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<223> 4-amino-4-carboxy-tetrahydropyran

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Cit

<400> 679
Phe Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Xaa Asn Asn
1 5 10

<210> 680
<211> 13

<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (2)..(2)
<223> Pen

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<222> (7)..(7)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Phe(4-OMe)

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<223> 2-Nal

<220>
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<222> (10)..(10)
<223> Achc

<220>
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<222> (11)..(11)
<223> Cit

<400> 680
Phe Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Xaa Asn Asn
1 5 10

<210> 681
<211> 13
<212> PRT
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<220>
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<222> (2)..(2)
<223> Pen

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<222> (7)..(7)
<223> Pen

<220>
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<222> (8)..(8)
<223> Phe(4-OMe)

<220>
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<222> (9)..(9)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (10)..(10)
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Phe Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Glu Asn Asn
1 5 10

<210> 682
<211> 12
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<220>
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<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-CONH2)

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<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
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<400> 682
Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Asn
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<210> 683
<211> 12
<212> PRT
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<220>
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<222> (6)..(6)
<223> Pen

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<223> Phe(4-CONH2)

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<223> 2-Nal

<220>
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<223> 4-amino-4-carboxy-tetrahydropyran

<220>
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<400> 683
Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Asn
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<210> 684
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<220>
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<222> (6)..(6)
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<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-CONH2)

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<220>
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<223> Achc

<220>
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<223> Lys(Ac)

<400> 684
Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Asn
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<210> 685
<211> 12
<212> PRT
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<400> 691
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1 5 10

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<400> 713

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1 5 10

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<220>
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<220>
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<220>
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<400> 732
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<220>
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<213> Homo sapiens

<400> 760

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His Ile Trp Val Glu Pro Ala Thr Ile Phe Lys Met Gly Met Asn Ile
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Ser Ile Tyr Cys Gln Ala Ala Ile Lys Asn Cys Gln Pro Arg Lys Leu
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His Phe Tyr Lys Asn Gly Ile Lys Glu Arg Phe Gln Ile Thr Arg Ile
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Asn Lys Thr Thr Ala Arg Leu Trp Tyr Lys Asn Phe Leu Glu Pro His
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Ala Ser Met Tyr Cys Thr Ala Glu Cys Pro Lys His Phe Gln Glu Thr
            100                 105                 110

Leu Ile Cys Gly Lys Asp Ile Ser Ser Gly Tyr Pro Pro Asp Ile Pro
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His Val Lys Ser Leu Glu Thr Glu Glu Glu Gln Gln Tyr Leu Thr Ser
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Ser Tyr Ile Asn Ile Ser Thr Asp Ser Leu Gln Gly Gly Lys Lys Tyr
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Leu Val Trp Val Gln Ala Ala Asn Ala Leu Gly Met Glu Glu Ser Lys
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Gln Leu Gln Ile His Leu Asp Asp Ile Val Ile Pro Ser Ala Ala Val
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Asp Ile Gly Leu Leu Leu Gly Met Ile Val Phe Ala Val Met Leu Ser
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Ile Leu Ser Leu Ile Gly Ile Phe Asn Arg Ser Phe Arg Thr Gly Ile
370 375 380

Lys Arg Arg Ile Leu Leu Leu Ile Pro Lys Trp Leu Tyr Glu Asp Ile
385 390 395 400

Pro Asn Met Lys Asn Ser Asn Val Val Lys Met Leu Gln Glu Asn Ser
405 410 415

Glu Leu Met Asn Asn Asn Ser Ser Glu Gln Val Leu Tyr Val Asp Pro
420 425 430

Met Ile Thr Glu Ile Lys Glu Ile Phe Ile Pro Glu His Lys Pro Thr
435 440 445

Asp Tyr Lys Lys Glu Asn Thr Gly Pro Leu Glu Thr Arg Asp Tyr Pro
450 455 460

Gln Asn Ser Leu Phe Asp Asn Thr Thr Val Val Tyr Ile Pro Asp Leu
465 470 475 480

Asn Thr Gly Tyr Lys Pro Gln Ile Ser Asn Phe Leu Pro Glu Gly Ser
485 490 495

His Leu Ser Asn Asn Asn Glu Ile Thr Ser Leu Thr Leu Lys Pro Pro
500 505 510

Val Asp Ser Leu Asp Ser Gly Asn Asn Pro Arg Leu Gln Lys His Pro
515 520 525

Asn Phe Ala Phe Ser Val Ser Ser Val Asn Ser Leu Ser Asn Thr Ile

530 535 540

Phe Leu Gly Glu Leu Ser Leu Ile Leu Asn Gln Gly Glu Cys Ser Ser
545 550 555 560

Pro Asp Ile Gln Asn Ser Val Glu Glu Glu Thr Thr Met Leu Leu Glu
565 570 575

Asn Asp Ser Pro Ser Glu Thr Ile Pro Glu Gln Thr Leu Leu Pro Asp
580 585 590

Glu Phe Val Ser Cys Leu Gly Ile Val Asn Glu Glu Leu Pro Ser Ile
595 600 605

Asn Thr Tyr Phe Pro Gln Asn Ile Leu Glu Ser His Phe Asn Arg Ile
610 615 620

Ser Leu Leu Glu Lys
625

<210> 761
<211> 659
<212> PRT
<213> Mus musculus

<400> 761
Met Lys Arg Glu Arg Glu Met Arg Gly Phe Tyr Tyr Ile Trp Asp Met
1 5 10 15

Ser His Leu Thr Leu Gln Leu His Val Val Ile Ala Leu Tyr Val Leu
20 25 30

Phe Arg Trp Cys His Gly Gly Ile Thr Ser Ile Asn Cys Ser Gly Asp
35 40 45

Met Trp Val Glu Pro Gly Glu Ile Phe Gln Met Gly Met Asn Val Ser
50 55 60

Ile Tyr Cys Gln Glu Ala Leu Lys His Cys Arg Pro Arg Asn Leu Tyr
65 70 75 80

Phe Tyr Lys Asn Gly Phe Lys Glu Glu Phe Asp Ile Thr Arg Ile Asn
85 90 95

Arg Thr Thr Ala Arg Ile Trp Tyr Lys Gly Phe Ser Glu Pro His Ala
100 105 110

Tyr Met His Cys Thr Ala Glu Cys Pro Gly His Phe Gln Glu Thr Leu
115 120 125

Ile Cys Gly Lys Asp Ile Ser Ser Gly Tyr Pro Pro Asp Ala Pro Ser
130 135 140

Asn Leu Thr Cys Val Ile Tyr Glu Tyr Ser Gly Asn Met Thr Cys Thr
145 150 155 160

Trp Asn Thr Gly Lys Pro Thr Tyr Ile Asp Thr Lys Tyr Ile Val His
165 170 175

Val Lys Ser Leu Glu Thr Glu Glu Glu Gln Gln Tyr Leu Ala Ser Ser
180 185 190

Tyr Val Lys Ile Ser Thr Asp Ser Leu Gln Gly Gly Lys Lys Tyr Leu
195 200 205

Val Trp Val Gln Ala Val Asn Ser Leu Gly Met Glu Asn Ser Gln Gln
210 215 220

Leu His Val His Leu Asp Asp Ile Val Ile Pro Ser Ala Ser Ile Ile
225 230 235 240

Ser Arg Ala Glu Thr Thr Asn Asp Thr Val Pro Lys Thr Ile Ile Tyr
245 250 255

Trp Lys Ser Lys Thr Met Ile Glu Lys Val Phe Cys Glu Met Arg Tyr
260 265 270

Lys Thr Thr Thr Asn Gln Thr Trp Ser Val Lys Glu Phe Asp Ala Asn
275 280 285

Phe Thr Tyr Val Gln Gln Ser Glu Phe Tyr Leu Glu Pro Asp Ser Lys
290 295 300

Tyr Val Phe Gln Val Arg Cys Gln Glu Thr Gly Lys Arg Asn Trp Gln
305 310 315 320

Pro Trp Ser Ser Pro Phe Val His Gln Thr Ser Gln Glu Thr Gly Lys
325 330 335

Arg Asn Trp Gln Pro Trp Ser Ser Pro Phe Val His Gln Thr Ser Gln
340 345 350

Thr Val Ser Gln Val Thr Ala Lys Ser Ser His Glu Pro Gln Lys Met
355 360 365

Glu Met Leu Ser Ala Thr Ile Phe Arg Gly His Pro Ala Ser Gly Asn
370 375 380

His Gln Asp Ile Gly Leu Leu Ser Gly Met Val Phe Leu Ala Ile Met
385 390 395 400

Leu Pro Ile Phe Ser Leu Ile Gly Ile Phe Asn Arg Ser Leu Arg Ile
405 410 415

Gly Ile Lys Arg Lys Val Leu Leu Met Ile Pro Lys Trp Leu Tyr Glu
420 425 430

Asp Ile Pro Asn Met Glu Asn Ser Asn Val Ala Lys Leu Leu Gln Glu
435 440 445

Lys Ser Val Phe Glu Asn Asp Asn Ala Ser Glu Gln Ala Leu Tyr Val
450 455 460

Asp Pro Val Leu Thr Glu Ile Ser Glu Ile Ser Pro Leu Glu His Lys
465 470 475 480

Pro Thr Asp Tyr Lys Glu Glu Arg Leu Thr Gly Leu Leu Glu Thr Arg
485 490 495

Asp Cys Pro Leu Gly Met Leu Ser Thr Ser Ser Ser Val Val Tyr Ile
500 505 510

Pro Asp Leu Asn Thr Gly Tyr Lys Pro Gln Val Ser Asn Val Pro Pro
515 520 525

Gly Gly Asn Leu Phe Ile Asn Arg Asp Glu Arg Asp Pro Thr Ser Leu
530 535 540

Glu Thr Thr Asp Asp His Phe Ala Arg Leu Lys Thr Tyr Pro Asn Phe
545 550 555 560

Gln Phe Ser Ala Ser Ser Met Ala Leu Leu Asn Lys Thr Leu Ile Leu
565 570 575

Asp Glu Leu Cys Leu Val Leu Asn Gln Gly Glu Phe Asn Ser Leu Asp
580 585 590

Ile Lys Asn Ser Arg Gln Glu Glu Thr Ser Ile Val Leu Gln Ser Asp
595 600 605

Ser Pro Ser Glu Thr Ile Pro Ala Gln Thr Leu Leu Ser Asp Glu Phe
610 615 620

Val Ser Cys Leu Ala Ile Gly Asn Glu Asp Leu Pro Ser Ile Asn Ser
625 630 635 640

Tyr Phe Pro Gln Asn Val Leu Glu Ser His Phe Ser Arg Ile Ser Leu
645 650 655

Phe Gln Lys

<210> 762
<211> 639
<212> PRT

<213> Rattus norvegicus

<400> 762

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Met Arg Arg Glu Arg Glu Met Arg Gly Phe Tyr Tyr Ile Trp Asp Met
1               5                  10                  15

Ser His Val Ala Leu Gln Leu His Val Val Ile Ala Leu Tyr Ala Leu
            20                  25                  30

Phe Arg Trp Gly His Gly Gly Ile Ala Thr Ile Asn Cys Ser Gly Asn
        35                  40                  45

Met Trp Val Glu Pro Gly Glu Ile Phe Gln Met Gly Met Asn Val Ser
    50                  55                  60

Val Tyr Cys Gln Glu Ala Leu Lys Asn Cys Arg Pro Arg Asn Leu His
65                  70                  75                  80

Phe Tyr Lys Asn Gly Phe Lys Glu Arg Phe His Ile Thr Arg Ile Asn
                85                  90                  95

Arg Thr Thr Ala Arg Val Trp Thr Lys Gly Phe Ser Glu Pro His Ala
            100                 105                 110

Ser Met Tyr Cys Thr Ala Glu Cys Pro Gly Arg Phe Gln Glu Thr Leu
        115                 120                 125

Ile Cys Gly Lys Asp Ile Ser Ser Gly Tyr Pro Pro Asp Ala Pro Ser
    130                 135                 140

Asn Met Thr Cys Val Ile Tyr Glu Tyr Ser Gly Asn Met Thr Cys Thr
145                 150                 155                 160

Trp Asn Thr Gly Lys Pro Thr Tyr Ile Asp Thr Lys Tyr Thr Val His
                165                 170                 175

Val Lys Ser Leu Glu Thr Glu Glu Gln Gln Gln Tyr Leu Ala Ser Asn
            180                 185                 190

Tyr Val Asn Ile Ser Thr Asp Ser Leu Gln Gly Gly Lys Lys Tyr Leu
        195                 200                 205

Val Trp Val Gln Ala Val Asn Ala Leu Gly Met Glu Asn Ser Gln Gln
    210                 215                 220

Leu Gln Val His Leu Asp Asp Ile Val Ile Pro Ser Pro Ser Ile Ile
225                 230                 235                 240

Ser Arg Ala Glu Thr Thr Asn Ala Asn Val Pro Lys Thr Ile Ile Tyr
                245                 250                 255

Trp Lys Ser Lys Ile Met Thr Gly Lys Val Phe Cys Glu Met Arg Tyr
```

260 265 270

Lys Ala Thr Thr Asn Gln Thr Trp Asn Val Lys Glu Phe Asp Thr Asn
275 280 285

Phe Thr Tyr Val Gln Gln Ser Glu Phe Tyr Leu Glu Pro Asn Ser Lys
290 295 300

Tyr Val Phe Gln Val Arg Cys Gln Gly Thr Gly Lys Arg Tyr Trp Gln
305 310 315 320

Pro Trp Ser Ser Pro Phe Val His Gln Thr Pro Gln Thr Ala Ser Gln
325 330 335

Val Thr Ser Lys Pro Pro His Glu Pro Gln Lys Ile Glu Met Leu Thr
340 345 350

Ala Thr Ile Phe Lys Gly His Ser Thr Ser Asp Asn Ser Gln Asp Ile
355 360 365

Gly Leu Leu Ser Gly Met Val Phe Leu Ala Ile Met Leu Pro Ile Phe
370 375 380

Ser Leu Ile Gly Ile Phe Asn Arg Ser Leu Arg Ile Gly Ile Lys Arg
385 390 395 400

Lys Val Leu Leu Met Ile Pro Lys Trp Leu Tyr Glu Asp Ile Pro Asn
405 410 415

Met Glu Asn Ser Asn Ile Ala Lys Leu Leu Gln Glu Lys Ser Val Phe
420 425 430

Glu Asn Glu Asn Ala Ser Glu Gln Ala Leu Tyr Val Asp Pro Ile Leu
435 440 445

Thr Glu Ile Ser Glu Ile Ser Pro Leu Glu His Lys Pro Thr Asp Tyr
450 455 460

Lys Lys Asp Arg Leu Thr Gly Phe Leu Glu Thr Arg Asp Cys Pro Leu
465 470 475 480

Thr Thr Leu Ser Thr Ser Ser Ser Val Val Tyr Ile Pro Asp Leu Asn
485 490 495

Thr Gly Tyr Lys Pro Gln Val Ser Asn Val Pro Pro Glu Glu Asn His
500 505 510

Phe Ile Asn Arg Asp Glu Arg Asp Pro Met Ser Leu Glu Ala Thr Gly
515 520 525

Asp His Phe Ala Arg Leu Lys Thr Tyr Pro Asn Phe Thr Phe Ser Ala

530 535 540

Ser Ser Met Thr Ser Leu Ser Lys Thr Leu Ile Leu Asp Glu Leu Ser
545 550 555 560

Leu Val Leu Asn Gln Gly Glu Phe Asn Ser Leu Asp Ile Gln Asn Ser
565 570 575

Arg Gln Glu Glu Thr Ser Met Ile Leu Gln Asn Asp Ser Pro Ser Glu
580 585 590

Thr Ile Pro Val Gln Thr Leu Leu Pro Asp Glu Phe Val Ser Cys Leu
595 600 605

Ala Ile Gly Ser Glu Asp Leu Pro Ser Ile Asn Ser Tyr Phe Pro Gln
610 615 620

Asn Val Leu Glu Ser His Phe Ser Gly Ile Pro Leu Leu Gln Lys
625 630 635

<210> 763
<211> 629
<212> PRT
<213> Pan sp.

<400> 763
Met Asn Gln Val Thr Ile Gln Trp Asp Ala Val Ile Ala Leu Tyr Ile
1 5 10 15

Leu Phe Ser Trp Cys His Gly Gly Ile Thr Asn Ile Asn Cys Ser Gly
20 25 30

His Ile Trp Val Glu Pro Ala Thr Ile Phe Lys Met Gly Met Asn Ile
35 40 45

Ser Ile Tyr Cys Gln Ala Ala Ile Lys Asn Cys Gln Pro Arg Lys Leu
50 55 60

His Phe Tyr Lys Asn Gly Ile Lys Glu Arg Phe Gln Ile Thr Arg Ile
65 70 75 80

Asn Lys Thr Thr Ala Arg Leu Trp Tyr Lys Asn Phe Leu Glu Pro His
85 90 95

Ala Ser Met Tyr Cys Thr Ala Glu Cys Pro Lys His Phe Gln Glu Thr
100 105 110

Leu Ile Cys Gly Lys Asp Ile Ser Ser Gly Tyr Pro Pro Asp Ile Pro
115 120 125

Asp Glu Val Thr Cys Val Ile Tyr Glu Tyr Ser Gly Asn Met Thr Cys
130 135 140

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Thr Trp Asn Ala Gly Lys Leu Thr Tyr Met Asp Thr Lys Tyr Val Val
145                 150                 155                 160

His Val Lys Ser Leu Glu Thr Glu Glu Glu Gln Gln Tyr Leu Thr Ser
                165                 170                 175

Ser Tyr Ile Asn Ile Ser Thr Asp Ser Leu Gln Gly Gly Lys Lys Tyr
            180                 185                 190

Leu Val Trp Val Gln Ala Ala Asn Ala Leu Gly Met Glu Glu Ser Lys
        195                 200                 205

Gln Leu Gln Ile Tyr Leu Asp Asp Ile Val Ile Pro Ser Ala Ser Val
    210                 215                 220

Ile Ser Arg Ala Glu Thr Ile Asn Ala Thr Val Pro Lys Thr Ile Ile
225                 230                 235                 240

Tyr Trp Asp Ser Gln Thr Thr Ile Glu Lys Val Ser Cys Glu Met Arg
                245                 250                 255

Tyr Lys Ala Thr Thr Asn Gln Thr Trp Asn Val Lys Glu Phe Asp Thr
            260                 265                 270

Asn Phe Thr Tyr Val Gln Gln Ser Glu Phe Tyr Leu Glu Pro Asn Ile
        275                 280                 285

Lys Tyr Val Phe Gln Val Arg Cys Gln Glu Thr Gly Lys Arg Tyr Trp
    290                 295                 300

Gln Pro Trp Ser Ser Pro Phe Phe His Lys Thr Pro Glu Thr Val Pro
305                 310                 315                 320

Gln Val Thr Ser Lys Ala Phe Gln His Asp Thr Trp Asn Ser Gly Leu
                325                 330                 335

Thr Val Ala Ser Ile Ser Thr Gly His Leu Thr Ser Asp Asn Arg Gly
            340                 345                 350

Asp Ile Gly Leu Leu Leu Gly Met Ile Val Phe Ala Val Met Leu Ser
        355                 360                 365

Ile Leu Ser Leu Ile Gly Ile Phe Asn Arg Ser Leu Arg Thr Gly Ile
    370                 375                 380

Lys Arg Arg Ile Leu Leu Leu Ile Pro Lys Trp Leu Tyr Glu Asp Ile
385                 390                 395                 400

Pro Asn Met Lys Asn Ser Asn Val Val Lys Met Leu Gln Glu Asn Ser
                405                 410                 415
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Glu Leu Met Asn Asn Asn Ser Ser Glu Gln Val Leu Tyr Val Asp Pro
420 425 430

Met Ile Thr Glu Ile Lys Glu Ile Phe Ile Pro Glu His Lys Pro Thr
435 440 445

Asp Tyr Lys Lys Leu Asn Thr Gly Pro Leu Glu Thr Arg Asp Thr Leu
450 455 460

Gln Asn Ser Leu Phe Asp Asn Thr Thr Val Val Tyr Ile Pro Asp Leu
465 470 475 480

Asn Thr Gly Tyr Lys Pro Gln Ile Ser Asn Phe Leu Pro Glu Gly Ser
485 490 495

His Leu Ser Asn Asn Asn Glu Ile Thr Ser Leu Thr Leu Lys Pro Pro
500 505 510

Val Asp Ser Leu Asp Ser Gly Asn Asn Pro Arg Leu Gln Lys His Pro
515 520 525

Asn Phe Ala Phe Ser Val Ser Ser Val Asn Ser Leu Ser Asn Thr Ile
530 535 540

Phe Leu Gly Glu Leu Ser Leu Ile Leu Asn Gln Gly Glu Cys Ser Ser
545 550 555 560

Pro Asp Ile Gln Asn Ser Val Glu Glu Glu Thr Thr Thr Leu Leu Glu
565 570 575

Asn Asp Ser Pro Ser Glu Thr Ile Pro Glu Gln Thr Leu Leu Pro Asp
580 585 590

Glu Phe Val Ser Cys Leu Gly Ile Val Asn Glu Glu Leu Pro Ser Ile
595 600 605

Asn Thr Tyr Phe Pro Gln Asn Ile Leu Glu Ser His Phe Asn Arg Ile
610 615 620

Ser Leu Leu Glu Lys
625

<210> 764
<211> 631
<212> PRT
<213> Canis familiaris

<400> 764
Met Asn Gln Ile Thr Ile Gln Trp Asp Val Val Ile Ala Leu Tyr Ile
1 5 10 15

Phe Phe Asn Trp Cys His Gly Gly Ile Thr Asn Ile Asn Cys Ser Gly

```
            20                  25                  30

His Ile Trp Val Glu Pro Ala Thr Ile Phe Lys Met Gly Met Asn Ile
        35                  40                  45

Ser Ile Tyr Cys Gln Ala Ala Ile Lys Asn Cys Gln Pro Arg Lys Leu
    50                  55                  60

Tyr Phe Tyr Lys Asn Gly Ile Lys Glu Arg Phe Gln Ile Thr Arg Ile
65                  70                  75                  80

Asn Lys Thr Thr Ala Arg Leu Trp Tyr Ser Asn Phe Leu Glu Pro His
                85                  90                  95

Ala Ser Met Tyr Cys Thr Ala Glu Cys Pro Gly Tyr Pro Gln Glu Thr
            100                 105                 110

Leu Ile Cys Gly Lys Asp Ile Ser Ser Gly Tyr Pro Pro Asp Val Pro
        115                 120                 125

Asp Lys Val Thr Cys Val Ile Tyr Glu Tyr Ser Gly Asn Met Thr Cys
    130                 135                 140

Thr Trp Asn Ser Gly Lys Pro Thr Tyr Ile Asp Thr Lys Tyr Val Val
145                 150                 155                 160

Tyr Val Lys Ser Leu Glu Lys Glu Glu Glu Gln Gln Tyr Leu Ser Ser
                165                 170                 175

Ser Tyr Ile Asn Ile Ser Thr Asp Ser Leu Gln Gly Gly Lys Lys Tyr
            180                 185                 190

Leu Val Trp Val Gln Ala Ala Asn Ala Leu Gly Met Glu Lys Ser Lys
        195                 200                 205

Gln Leu Gln Ile Asn Leu Asp Asp Ile Val Ile Pro Ser Ala Ala Ile
    210                 215                 220

Ile Ser Arg Ala Glu Asp Ile Asn Thr Thr Ile Pro Lys Thr Ile Ile
225                 230                 235                 240

His Trp Asn Ser Gln Thr Thr Ile Glu Asn Val Ser Cys Glu Met Arg
                245                 250                 255

His Lys Thr Thr Thr Asn Gln Thr Trp Lys Val Lys Glu Phe Asp Thr
            260                 265                 270

Asn Phe Pro Tyr Glu Gln Gln Ser Glu Phe Tyr Leu Glu Pro Asn Thr
        275                 280                 285

Lys Tyr Ile Phe Gln Val Arg Cys Gln Glu Thr Gly Lys Arg Tyr Trp
```

290 295 300

Gln Pro Trp Ser Ser Pro Phe Phe His Lys Thr Ala Glu Thr Val Pro
305 310 315 320

Gln Val Thr Val Lys Ser Phe Gln His Asp Thr Gln Asn Ser Glu Leu
325 330 335

Leu Ile Ala Ser Ile Phe Lys Gly His Leu Thr Ser Asp Asn Arg Gln
340 345 350

Gln Asp Ile Gly Leu Leu Leu Gly Met Ile Phe Phe Ala Ala Met Leu
355 360 365

Ser Ile Leu Ser Leu Ile Gly Ile Phe Asn Arg Ser Ile Arg Thr Gly
370 375 380

Ile Lys Arg Arg Ile Leu Leu Leu Ile Pro Lys Trp Leu His Glu Asp
385 390 395 400

Ile Pro Asn Met Glu Asn Ser Lys Val Val Glu Met Leu Gln Lys Gln
405 410 415

Ser Glu Phe Met Asn Asn Asn Ser Ser Glu Gln Val Leu Tyr Ala Asp
420 425 430

Pro Val Ile Thr Glu Ile Glu Ile Phe Leu Pro Glu Glu His Lys Pro
435 440 445

Thr Asp Tyr Lys Ala Glu Lys Asn Thr Gly Ser Leu Glu Thr Arg Asp
450 455 460

Cys Leu Gln Asn Ser Leu Leu Thr Asn Thr Thr Val Val Tyr Ile Pro
465 470 475 480

Gly Leu Ser Thr Gly Tyr Lys Pro Gln Ile Ser Asn Phe Leu Thr Gly
485 490 495

Gly Asn His Leu Ser Lys Lys Asp Glu Thr Ser Ser Ser Thr Leu Lys
500 505 510

Pro Leu Ala Asp Ser Ser Asp Leu Gly Gly Asn Ala Arg Phe Lys Lys
515 520 525

Tyr Pro Asn Phe Ala Phe Ser Val Ser Ser Met Asn Ser Leu Ser Asn
530 535 540

Thr Leu Phe Leu Glu Glu Leu Ser Leu Ile Leu Asn Gln Gly Glu Arg
545 550 555 560

Ser Pro Leu Asp Met Gln Asn Ser Val Glu Gly Glu Thr Thr Met Leu

565 570 575

Leu Glu Asn Ala Ser Pro Asn Glu Thr Ile Pro Glu Gln Thr Leu Leu
580 585 590

Pro Asp Glu Phe Val Ser Cys Leu Gly Ile Met Asn Glu Glu Leu Pro
595 600 605

Ser Ile Asn Ser Tyr Phe Pro Gln Asn Ile Leu Glu Asn His Phe Asn
610 615 620

Thr Ile Ser Leu Leu Glu Lys
625 630

<210> 765
<211> 630
<212> PRT
<213> Bos sp.

<400> 765
Met Asn Gln Val Thr Ile His Trp Asp Val Val Ile Ala Leu Tyr Ile
1 5 10 15

Phe Phe Ser Trp Cys His Gly Gly Ile Thr Asn Ile Asn Cys Ser Gly
20 25 30

His Ile Trp Val Glu Pro Ala Thr Ile Phe Lys Met Gly Met Asn Ile
35 40 45

Ser Ile Tyr Cys Gln Ala Ala Ile Lys Asn Cys Gln Pro Ser Lys Leu
50 55 60

Tyr Phe Tyr Lys Asn Gly Ile Lys Glu Arg Phe His Ile Thr Arg Ile
65 70 75 80

Asn Lys Thr Thr Ala Arg Leu Trp Tyr Asn Asn Phe Val Glu Pro Gln
85 90 95

Ala Phe Met Tyr Cys Thr Ala Glu Cys Ser Arg Tyr Phe Pro Glu Thr
100 105 110

Leu Ile Cys Gly Lys Asp Ile Ser Ser Gly Tyr Pro Pro Asp Val Pro
115 120 125

Asp Lys Val Ala Cys Val Ile Tyr Glu Tyr Ser Gly Asn Met Thr Cys
130 135 140

Thr Trp Asn Pro Gly Arg Pro Thr Tyr Ile Asp Thr Lys Tyr Val Val
145 150 155 160

Tyr Val Lys Ser Leu Glu Thr Glu Glu Glu Gln Glu Tyr Leu Thr Ser
165 170 175

Ser Tyr Ile Asn Ile Ser Thr Asp Ser Leu Gln Lys Gly Lys Lys Tyr
180 185 190

Leu Val Trp Val Gln Ala Ser Asn Val Leu Gly Met Glu Lys Ser Lys
195 200 205

Gln Leu Gln Ile His Leu Asp Asp Ile Val Ile Pro Ser Ala Ser Ile
210 215 220

Ile Ser Arg Ala Glu Asp Ile Asn Thr Thr Val Ser Lys Thr Val Ile
225 230 235 240

His Trp Asp Ser Gln Thr Ser Ile Glu Lys Val Ser Cys Glu Met Arg
245 250 255

Tyr Lys Ala Thr Thr Asn Gln Thr Trp Asn Val Lys Glu Phe Asp Thr
260 265 270

Asn Phe Thr Tyr Glu Gln Gln Ser Glu Phe Tyr Leu Gln Pro Asn Ala
275 280 285

Met Tyr Val Phe Gln Val Arg Cys Gln Glu Thr Gly Lys Lys Tyr Trp
290 295 300

Gln Pro Trp Ser Ser Pro Phe Phe His Lys Thr Pro Glu Ile Val Pro
305 310 315 320

Gln Val Thr Met Lys Ser Phe Gln His Asp Thr Gln Asn Ser Gly Leu
325 330 335

Leu Ile Ala Ser Ile Phe Lys Lys His Leu Thr Ser Asp Asn Arg Lys
340 345 350

Gln Asp Ile Gly Leu Leu Leu Gly Met Val Phe Phe Ala Val Met Leu
355 360 365

Ser Val Leu Ser Leu Ile Gly Ile Phe Asn Arg Ser Leu Arg Thr Gly
370 375 380

Ile Lys Arg Arg Ile Leu Leu Leu Ile Pro Lys Trp Leu Tyr Glu Asp
385 390 395 400

Ile Pro Asn Met Glu Asn Ser Lys Val Val Lys Ile Leu Gln Glu Arg
405 410 415

Asn Glu Phe Met Asn Asn Asn Ser Ser Glu Gln Val Leu Tyr Val Asp
420 425 430

Pro Val Ile Thr Glu Ile Glu Ile Ile Leu Pro Glu Glu Lys Pro Met
435 440 445

```
Gly Tyr Lys Lys Glu Asn Asn Thr Gly Cys Leu Glu Arg Lys Glu Ser
    450                 455                 460

Leu Glu Lys Ser Leu Leu Thr Asp Thr Thr Val Val Tyr Ile Pro Asp
465                 470                 475                 480

Leu Asn Thr Gly Tyr Lys Pro Gln Ile Ser Ser Phe Leu Pro Gly Gly
                485                 490                 495

Asn His Leu Ser Asn Asp Asp Glu Thr Ala Ser Ser Ile Leu Glu Pro
            500                 505                 510

Pro Ala Asp Ser Leu Asn Leu Gly Asn Asn Ala Arg Phe Lys Lys Tyr
        515                 520                 525

Pro Asp Phe Ala Phe Ser Val Ser Ser Thr Asn Ser Leu Ser Asn Thr
    530                 535                 540

Leu Phe Leu Glu Glu Leu Asn Leu Ile Leu Asn Gln Gly Glu Cys Ser
545                 550                 555                 560

Pro Pro Asp Met Gln Asn Ser Ile Glu Gly Glu Thr Ala Met Leu Leu
                565                 570                 575

Glu Asp Asp Leu Leu Asn Glu Thr Ile Pro Glu Gln Thr Leu Leu Pro
            580                 585                 590

Asp Glu Phe Val Ser Cys Leu Gly Ser Met Asn Lys Glu Leu Pro Ser
        595                 600                 605

Ile Asn Ser Tyr Phe Pro Gln Asn Ile Leu Glu Ser His Phe Asn Arg
    610                 615                 620

Ile Ser Leu Leu Glu Lys
625                 630


<210> 766
<211> 12
<212> PRT
<213> Artificial Sequence

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


<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]
```

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLeu

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 766
Xaa Gln Thr Trp Gln Cys Phe Xaa Leu Lys Asn Asn
1 5 10

<210> 767
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 767
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Lys Asn Gly
1 5 10

<210> 768

<400> 768
000

<210> 769

<400> 769
000

<210> 770

<400> 770
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<210> 771

<400> 771
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<210> 772

<400> 772
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<210> 773

<400> 773
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<210> 774

<400> 774
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<210> 775

<400> 775
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<210> 776

<400> 776
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<210> 777

<400> 777
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<210> 778

<400> 778
000

<210> 779

<400> 779
000

<210> 780
<211> 12
<212> PRT

<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 780
Xaa Gln Thr Trp Gln Cys Phe Trp Lys Glu Asn Gly
1 5 10

<210> 781
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-guanidino)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 781
Xaa Gln Thr Trp Gln Cys Phe Trp Lys Glu Asn Gly
1 5 10

<210> 782
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>

<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 782
Xaa Gln Thr Trp Gln Cys Phe Trp Lys Glu Asn Gly
1 5 10

<210> 783
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-CO2H)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 783
Xaa Gln Thr Trp Gln Cys Phe Trp Lys Glu Asn Gly
1 5 10

<210> 784
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-phenoxy)

<220>
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<220>
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<220>
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<223> Abu

<220>
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<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Cha

<220>
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<222> (10)..(10)
<223> Lys(Ac)

<400> 819
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Lys Asn Gly
1 5 10

<210> 820
<211> 12
<212> PRT
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<220>
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<220>
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<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-OMe)

<220>
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<222> (8)..(8)
<223> 2-Nal

<220>
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<223> Chg

<220>
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<222> (10)..(10)
<223> Lys(Ac)

<400> 820
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Lys Asn Gly
1 5 10

<210> 821
<211> 12
<212> PRT
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<220>
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<220>
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<223> Abu

<220>
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<222> (4)..(4)
<223> Octgly

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 821
Xaa Gln Thr Gly Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 822
<211> 12
<212> PRT
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<220>
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<220>
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<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Octgly

<220>
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<222> (8)..(8)
<223> 2-Nal

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<222> (9)..(9)
<223> alpha-MeLys

<220>
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<222> (10)..(10)
<223> Lys(Ac)

<400> 822
Xaa Gln Thr Trp Gln Cys Gly Xaa Lys Lys Asn Gly
1 5 10

<210> 823
<211> 12
<212> PRT
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<220>
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<220>
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<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Octgly

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 823
Xaa Gln Thr Trp Gln Cys Phe Gly Lys Lys Asn Gly
1 5 10

<210> 824
<211> 13
<212> PRT
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<220>
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<220>
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<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)

<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 824
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly Glu
1 5 10

<210> 825
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 825
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Ala Glu
1 5 10

<210> 826
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> Abu

<220>

<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
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<223> Lys(Ac)

<400> 826
Xaa Ser Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly Glu
1 5 10

<210> 827
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
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<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 827
Xaa Gln Thr Trp Gln Cys Phe Trp Lys Lys Asn Gly Glu
1 5 10

<210> 828
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 828
Xaa Gln Thr Trp Gln Cys Tyr Xaa Lys Lys Asn Gly Glu
1 5 10

<210> 829
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 829
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 830
<211> 12
<212> PRT
<213> Artificial Sequence

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

peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 830
Xaa Gln Thr Gln Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 831
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 831
Xaa Gln Thr His Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 832
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> hPhe

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 832
Xaa Gln Thr Phe Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 833
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Glu(Bzl)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)

<223> alpha-MeLys

<400> 833
Xaa Gln Thr Glu Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 834
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
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<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Bip

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 834
Xaa Gln Thr Xaa Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 835
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
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<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Tic

<220>

<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 835
Xaa Gln Thr Xaa Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 836
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 836
Xaa Gln Thr Phe Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 837
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Phe(3,4-Cl2)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
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<400> 837
Xaa Gln Thr Phe Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 838
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 838
Xaa Gln Thr Phe Gln Cys Phe Xaa Lys Glu Asn Gly

1 5 10

<210> 839
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Orn(Benzyl)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 839
Xaa Gln Thr Xaa Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 840
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Orn(Benzaldehyde)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 840
Xaa Gln Thr Xaa Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 841
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe-OCH2CH2NHAc

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 841
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 842
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

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

<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLeu

<400> 842
Xaa Gln Thr Trp Gln Cys Phe Xaa Leu Glu Asn Gly
1 5 10

<210> 843
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 5-hydroxyTrp

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 843
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 844
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>

<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 6-chloroTrp

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 844
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 845
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> N-MeTrp

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 845
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 846
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 1,2,3,4-tetrahydro-norharman

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 846
Xaa Gln Thr Xaa Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 847
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Phe(4-CO2H)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES

<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys]

<400> 847
Xaa Gln Thr Phe Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 848
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Phe(4-CONH2)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 848
Xaa Gln Thr Phe Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 849
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Phe(4-CONH2)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 849
Xaa Gln Thr Phe Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 850
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
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<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Phe(3,4-OMe)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 850
Xaa Gln Thr Phe Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 851
<211> 12
<212> PRT

<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> alpha-MePhe

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 851
Xaa Gln Thr Phe Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 852
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Phe(4-CF3)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>

<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 852
Xaa Gln Thr Phe Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 853
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Phe(4-tBu)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys]

<400> 853
Xaa Gln Thr Phe Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 854
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Phe(2,4-Me2)

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 854
Xaa Gln Thr Phe Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 855
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 855
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Asp Asn Gly
1 5 10

<210> 856
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES

<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 856
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Gln Asn Gly
1 5 10

<210> 857
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Benzoic acid)

<400> 857
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 858
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(succinic acid)

<400> 858
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 859
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

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

<223> Lys(glutaric acid)

<400> 859
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 860
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(pyroglutamic acid) conjugated through side chain

<400> 860
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 861
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>

<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(isovaleric acid)

<400> 861
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 862
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Palm)

<400> 862
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 863
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(PEG1)

<400> 863
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 864
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(PEG2)

<400> 864
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly

1 5 10

<210> 865
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Dap(Benzoic acid)

<400> 865
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Xaa Asn Gly
1 5 10

<210> 866
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Dap(succinic acid)

<400> 866
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Xaa Asn Gly
1 5 10

<210> 867
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Dap(glutaric acid)

<400> 867
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Xaa Asn Gly
1 5 10

<210> 868
<211> 12
<212> PRT
<213> Artificial Sequence

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

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

<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Dap(pyroglutamic acid) conjugated through side chain

<400> 868
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Xaa Asn Gly
1 5 10

<210> 869
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Dap(IVA)

<400> 869
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Xaa Asn Gly
1 5 10

<210> 870

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

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Dap(PEG1)

<400> 870
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Xaa Asn Gly
1 5 10

<210> 871
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Dap(PEG2)

<400> 871
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Xaa Asn Gly
1 5 10

<210> 872
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Dap(PEG2-Ac)

<400> 872
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Xaa Asn Gly
1 5 10

<210> 873
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES

<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 873
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly Xaa Lys
1 5 10

<210> 874
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<220>
<221> MOD_RES
<222> (13)..(13)
<223> D-Lys

<400> 874
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly Lys
1 5 10

<210> 875
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<400> 875
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly Xaa
1 5 10

<210> 876
<211> 12
<212> PRT
<213> Artificial Sequence

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

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

<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 876
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Lys Gln Gly
1 5 10

<210> 877
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<400> 877
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Gln Asn Gly
1 5 10

<210> 878
<211> 12
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<400> 878
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Glu Asn Gly
1 5 10

<210> 879
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 1-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 879
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Lys Asn Gly
1 5 10

<210> 880
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 880
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Lys Asn Ala
1 5 10

<210> 881
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES

<222> (9)..(9)
<223> Aib

<400> 881
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Lys Asn Gly
1 5 10

<210> 882
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Phe(4-CO2H)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 882
Xaa Gln Thr Trp Gln Cys Phe Phe Lys Lys Asn Gly
1 5 10

<210> 883
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Dap

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Phe(4-Phenoxy)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 883
Xaa Xaa Thr Trp Gln Cys Phe Phe Lys Lys Asn Gly
1 5 10

<210> 884
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Dap

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 884
Xaa Xaa Thr Trp Gln Cys Phe Phe Lys Lys Asn Gly
1 5 10

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<222> (9)..(9)
<223> alpha-MeLys

<220>
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<222> (10)..(10)
<223> Lys(Ac)

<400> 919
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1 5 10

<210> 920
<211> 12
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<220>
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<220>
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<223> Abu

<220>
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<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

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

<223> Lys(Ac)

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1 5 10

<210> 921
<211> 12
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<220>
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<220>
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<223> Dap

<220>
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<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
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<222> (8)..(8)
<223> Dap

<220>
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<222> (9)..(9)
<223> alpha-MeLys

<220>
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1 5 10

<210> 922
<211> 12
<212> PRT
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<220>
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<223> Abu

<220>

<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
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<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
<223> alpha-MeLys

<220>
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<400> 922
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1 5 10

<210> 923
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<220>
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<220>
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<223> Phe[4-(2-aminoethoxy)]

<220>
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<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 923
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1 5 10

<210> 924
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<220>
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<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
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<222> (9)..(9)
<223> alpha-MeLys

<220>
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<223> Lys(Ac)

<400> 924
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<210> 925
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<220>
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<220>
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<223> Abu

<220>
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<222> (9)..(9)
<223> 2-Nal

<220>
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<222> (10)..(10)
<223> alpha-MeLeu

<400> 925
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1 5 10

<210> 926
<211> 12

<212> PRT
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<220>
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

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<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
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<400> 926
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Arg Asn Gly
1 5 10

<210> 927
<211> 12
<212> PRT
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<220>
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<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
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<222> (8)..(8)
<223> 2-Nal

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<222> (9)..(9)
<223> alpha-MeLys

<220>
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<222> (10)..(10)
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<400> 927
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Xaa Asn Gly
1 5 10

<210> 928
<211> 12
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<220>
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<220>
<221> MOD_RES
<222> (7)..(7)
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<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
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<400> 928
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 929
<211> 12
<212> PRT
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<220>
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<220>
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<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

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<222> (9)..(9)

<223> alpha-MeLys

<220>
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<400> 929
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1 5 10

<210> 930
<211> 12
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<220>
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<220>
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<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
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<222> (8)..(8)
<223> 2-Nal

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<222> (9)..(9)
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<220>
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<222> (10)..(10)
<223> Lys(Ac)

<220>
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<222> (12)..(12)
<223> Beta-Ala

<400> 930
Xaa Gln Thr Trp Gln Cys Phe Xaa Leu Lys Asn Ala
1 5 10

<210> 931
<211> 12
<212> PRT
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<220>
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<220>

<221> MOD_RES
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<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

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<223> Cit

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<221> MOD_RES
<222> (10)..(10)
<223> Dap

<400> 931
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Xaa Asn Gly
1 5 10

<210> 932
<211> 12
<212> PRT
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<220>
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<222> (2)..(2)
<223> alpha-Me-Orn

<220>
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<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 932
Xaa Xaa Thr Trp Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 933
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<212> PRT
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<220>
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<223> Abu

<220>
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<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 933
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Asn Asn Gly
1 5 10

<210> 934
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<220>
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<223> Abu

<220>
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<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 934
Xaa Ser Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly Gly Glu

1 5 10

<210> 935
<211> 12
<212> PRT
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<220>
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<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-(acetyl-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys(Ac)

<400> 935
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Glu Asn Gln
1 5 10

<210> 936
<211> 12
<212> PRT
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<220>
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<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-(acetyl-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys(Ac)

<400> 936
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Glu Asn Asn
1 5 10

<210> 937
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<220>
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<223> Abu

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<222> (6)..(6)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (7)..(7)
<223> 2-Nal

<220>
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<222> (8)..(8)
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<400> 937
Xaa Thr Trp Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 938
<211> 12
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<220>
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<222> (7)..(7)
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<222> (8)..(8)
<223> 2-Nal

<220>
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<223> alpha-MeLys

<220>
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<400> 938
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 939
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<212> PRT
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<220>
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<222> (7)..(7)
<223> Phe(3-Me)

<220>
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<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
<223> alpha-MeLys

<220>
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<223> Lys(Ac)

<400> 939
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 940
<211> 12
<212> PRT
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<220>
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<223> hTyr

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<223> 2-Nal

<220>
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<223> alpha-MeLys

<220>
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<400> 940
Xaa Gln Thr Trp Gln Cys Tyr Xaa Lys Lys Asn Gly
1 5 10

<210> 941
<211> 12
<212> PRT
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<220>
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> alpha-MeTrp

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 941
Xaa Gln Thr Trp Gln Cys Phe Trp Lys Lys Asn Gly
1 5 10

<210> 942
<211> 12
<212> PRT
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<220>
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<223> Abu

<220>
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<222> (2)..(2)
<223> alpha-MeSer

<220>
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<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
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<400> 942
Xaa Ser Thr Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 943
<211> 12
<212> PRT
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<220>
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<222> (3)..(3)
<223> alpha-MeSer

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES

<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 943
Xaa Gln Ser Trp Gln Cys Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 944
<211> 12
<212> PRT
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<220>
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<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> alpha-MePhe

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 944
Xaa Gln Thr Trp Gln Cys Phe Phe Lys Lys Asn Gly
1 5 10

<210> 945
<211> 12
<212> PRT
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<220>
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<220>
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<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<400> 945
Xaa Gln Thr Trp Gln Cys Phe Trp Xaa Glu Asn Gly
1 5 10

<210> 946
<211> 12
<212> PRT
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<220>
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<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
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<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
<223> Aib

<220>
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<222> (10)..(10)
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<400> 946
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Lys Asn Gly
1 5 10

<210> 947
<211> 12
<212> PRT
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<220>
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<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
<223> Aib

<220>
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<222> (11)..(11)
<223> Dap(Ac)

<400> 947
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Glu Xaa Gly
1 5 10

<210> 948
<211> 12
<212> PRT
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<220>
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<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Dab(Ac)

<400> 948

Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Glu Xaa Gly
1 5 10

<210> 949
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
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<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
<223> Aib

<220>
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<222> (11)..(11)
<223> Lys(Ac)

<400> 949
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Glu Lys Gly
1 5 10

<210> 950
<211> 12
<212> PRT
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<220>
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<221> MOD_RES
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<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
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<222> (9)..(9)
<223> Aib

<400> 950
Xaa Gln Thr Trp Gln Cys Phe Trp Xaa Glu Asn Asn
1 5 10

<210> 951
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<220>
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
<223> alpha-MeLeu

<400> 951
Xaa Gln Thr Trp Gln Cys Phe Xaa Leu Glu Asn Asn
1 5 10

<210> 952
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

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<221> MOD_RES
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<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Phe(3,4-OMe2)

<220>
<221> MOD_RES

<222> (9)..(9)
<223> Aib

<400> 952
Xaa Gln Thr Trp Gln Cys Phe Phe Xaa Glu Asn Gly
1 5 10

<210> 953
<211> 12
<212> PRT
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<220>
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<220>
<221> MOD_RES
<222> (1)..(1)
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
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<223> Phe(3,4-Cl2)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<400> 953
Xaa Gln Thr Trp Gln Cys Phe Phe Xaa Glu Asn Asn
1 5 10

<210> 954
<211> 12
<212> PRT
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<220>
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<223> 2-Nal

<220>
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<222> (9)..(9)
<223> 2-Nal

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<220>

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<222> (8)..(8)
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<223> 2-Nal

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1 5 10

<210> 973
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<222> (8)..(8)
<223> Phe[4-(2-aminoethoxy)]

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<222> (9)..(9)
<223> 2-Nal

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1 5 10

<210> 974
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<223> 2-Nal

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1 5 10

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<223> 2-Nal

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<222> (7)..(7)
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1 5 10

<210> 980
<211> 12
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<222> (7)..(7)
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<222> (9)..(9)
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1 5 10

<210> 981
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<220>
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1 5 10

<210> 982
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<220>
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<220>
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<222> (7)..(7)
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<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
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<400> 982
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1 5 10

<210> 983
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<220>
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<220>
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<220>
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<223> Phe[4-(2-aminoethoxy)]

<220>
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<222> (9)..(9)
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<220>
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<222> (12)..(12)
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<400> 984
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1 5 10

<210> 985
<211> 12
<212> PRT
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<220>
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<220>
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<220>
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<220>
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<400> 985
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<220>
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<400> 986
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1 5 10

<210> 987
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<220>
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<220>
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<222> (9)..(9)
<223> Aib

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<400> 987
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Gln Asn Ala
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<210> 988
<211> 12
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<220>
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<210> 989
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<210> 990
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<212> PRT
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<220>
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<220>
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<222> (10)..(10)
<223> Lys(Ac)

<220>
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<210> 991
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<220>
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<220>
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<210> 992
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
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<222> (8)..(8)
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<220>
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<223> 2-Nal

<220>
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<222> (10)..(10)
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<223> Phe(4-OBzl)

<220>
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<222> (9)..(9)
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<223> Tyr(Bzl)

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<220>
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<223> (2-aminoethoxy)acetic acid

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1 5 10

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<223> (2-aminoethoxy)acetic acid

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<223> (2-aminoethoxy)acetic acid

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<222> (14)..(14)
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1 5 10

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1 5 10

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1 5 10

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<400> 1019
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1 5 10

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<212> PRT
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<220>
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<220>
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1 5 10

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<220>
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<400> 1022

Xaa Ala Asp Trp Val Cys Tyr Trp His Thr Phe Gly Xaa Lys
1 5 10

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1 5 10

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<210> 1025
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<220>
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<220>
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<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
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<400> 1025
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<220>
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<400> 1026
Ala Xaa Asp Trp Val Cys Tyr Trp Arg Lys Phe Gly Xaa Lys
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<220>
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<220>
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<222> (9)..(9)
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<400> 1029
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<210> 1030
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<223> Pen

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<223> [Phe(4-OMe)](OMe)

<220>
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<222> (8)..(8)
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<220>
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<222> (9)..(9)

<223> alpha-MeOrn

<220>
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<222> (10)..(10)
<223> Lys(Ac)

<400> 1031
Xaa Gln Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Gly
1 5 10

<210> 1032
<211> 12
<212> PRT
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<220>
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<220>
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<223> Pen

<220>
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<222> (6)..(6)
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<220>
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<223> Phe(4-OMe)

<220>
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<222> (9)..(9)
<223> alpha-MeLys

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 1032
Xaa Gln Thr Trp Gln Xaa Phe Trp Lys Lys Asn Gly
1 5 10

<210> 1033
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
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<223> Pen

<220>

<221> MOD_RES
<222> (6)..(6)
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<223> Phe(4-OMe)

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<223> 2-Nal

<220>
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<222> (9)..(9)
<223> alpha-MeLys

<220>
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<222> (10)..(10)
<223> Lys(Ac)

<400> 1033
Xaa Gln Thr Trp Gln Xaa Phe Xaa Lys Lys Asn Gly
1 5 10

<210> 1034
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<220>
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<222> (6)..(6)
<223> Pen

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<223> Phe[4-(2-aminoethoxy)]

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<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<220>
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<222> (10)..(10)
<223> Lys(Ac)

<400> 1034
Xaa Gln Thr Trp Gln Xaa Phe Xaa Lys Lys Asn Asn
1 5 10

<210> 1035
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
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<223> D-Phe

<220>
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<222> (2)..(2)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Pen

<220>
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<222> (8)..(8)
<223> Phe[4-(2-aminoethoxy)]

<220>
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<223> 2-Nal

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Aib

<220>
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<222> (11)..(11)
<223> Lys(Ac)

<400> 1035
Phe Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Asn
1 5 10

<210> 1036
<211> 12
<212> PRT
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<220>
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<220>
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<220>
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<222> (7)..(7)
<223> Phe(4-CONH2)

<220>
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<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
<223> Acvc

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 1036
Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Asn
1 5 10

<210> 1037
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> Pen

<220>
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<222> (6)..(6)
<223> Pen

<220>
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<222> (7)..(7)
<223> Phe(4-OMe)

<220>
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<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
<223> Acvc

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 1037
Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Asn
1 5 10

<210> 1038
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> Abu

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<222> (7)..(7)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 1038
Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Glu Asn Gly
1 5 10

<210> 1039
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> D-Lys

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Abu

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

<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (10)..(10)
<223> alpha-MeLeu

<400> 1039
Lys Xaa Gln Thr Trp Gln Cys Phe Xaa Leu Glu Asn Gly
1 5 10

<210> 1040
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tyr(Bzl)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLys

<400> 1040
Xaa Gln Thr Trp Gln Cys Tyr Trp Lys Glu Asn Gly
1 5 10

<210> 1041
<211> 13
<212> PRT
<213> Artificial Sequence

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

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<223> D-Arg

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Abu

<220>

<221> MOD_RES
<222> (8)..(8)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (10)..(10)
<223> alpha-MeLys

<400> 1041
Arg Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Glu Asn Asn
1 5 10

<210> 1042
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
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<223> D-Gln

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Abu

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (10)..(10)
<223> alpha-MeLys

<400> 1042
Gln Xaa Gln Thr Trp Gln Cys Phe Xaa Lys Glu Asn Asn
1 5 10

<210> 1043
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
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<220>
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<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
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<222> (9)..(9)
<223> Acpc

<400> 1043
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Glu Asn Asn
1 5 10

<210> 1044
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 1044
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 1045
<211> 16
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (15)..(15)
<223> Azt

<220>
<221> MOD_RES
<222> (16)..(16)
<223> D-Lys

<400> 1045
Cys Ala Asp Trp Val Trp Cys Tyr Trp His Thr Phe Gly Ala Xaa Lys

1 5 10 15

<210> 1046
<211> 14
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (13)..(13)
<223> (2-aminoethoxy)acetic acid

<220>
<221> MOD_RES
<222> (14)..(14)
<223> D-Lys

<400> 1046
Xaa Arg Thr Trp Gln Cys Tyr Trp Arg Lys Phe Gly Xaa Lys
1 5 10

<210> 1047
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Abu

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Phe[4-(2-aminoethoxy)]

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Achc

<400> 1047
Xaa Gln Thr Trp Gln Cys Phe Xaa Xaa Glu Asn Asn
1 5 10

<210> 1048
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> D-Phe

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Pen

<220>
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<222> (8)..(8)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-Nal

<220>
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<222> (10)..(10)
<223> 4-amino-4-carboxy-tetrahydropyran

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Cit

<400> 1048
Phe Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Xaa Asn Asn
1 5 10

<210> 1049
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> D-Phe

<220>
<221> MOD_RES
<222> (2)..(2)

<223> Pen

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Pen

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Phe(4-OMe)

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Achc

<400> 1049
Phe Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Glu Asn Asn
1 5 10

<210> 1050
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Pen

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Pen

<220>
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<222> (7)..(7)
<223> Phe(CONH2)

<220>
<221> MOD_RES
<222> (8)..(8)
<223> 2-Nal

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Aib

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Lys(Ac)

<400> 1050

Xaa Asn Thr Trp Gln Xaa Phe Xaa Xaa Lys Asn Asn
1 5 10

<210> 1051
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1051
Cys Arg Ser Trp Gln Cys Tyr Trp Asn Lys Phe Gly Ala Asp Asp
1 5 10 15

<210> 1052
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1052
Cys His Thr Trp Gln Cys Tyr Trp Leu Asn Phe Gly Asp Glu Glu
1 5 10 15

<210> 1053
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1053
Cys Arg Thr Trp Gln Cys Tyr Trp Leu Asn Phe Gly Asn Glu Gln
1 5 10 15

<210> 1054
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1054
Cys Arg Thr Trp Gln Cys Tyr Trp Ser Glu Phe Gly Thr Gly Glu
1 5 10 15

<210> 1055
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1055
Cys Arg Thr Trp Gln Cys Tyr Trp Leu Arg Leu Gly Asp Glu Gly
1 5 10 15

<210> 1056
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1056
Cys His Thr Trp Gln Cys Tyr Trp Ser Thr Leu Gly Pro Glu Ala
1 5 10 15

<210> 1057
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1057
Cys Ser Thr Trp Gln Cys Tyr Trp Ser Lys Gln Ser Gly Gly Ser
1 5 10 15

<210> 1058
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1058
Cys His Thr Trp Gln Cys Tyr Trp Leu Asn Asn Gly Thr Ser Gln
1 5 10 15

<210> 1059
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1059
Cys His Thr Trp Gln Cys Tyr Trp Arg Ala Asn Asp Gly Arg Asp
1 5 10 15

<210> 1060
<211> 14
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1060
Ser Gly Cys Arg Thr Trp Gln Cys Tyr Trp His Glu Phe Gly
1 5 10

<210> 1061
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1061
Asn Lys Cys Arg Thr Trp Gln Cys Tyr Trp His Glu Tyr Gly
1 5 10

<210> 1062
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1062
Ser Gly Cys Arg Thr Trp Glu Cys Tyr Trp His Glu Tyr Gly
1 5 10

<210> 1063
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1063
Asp Ala Cys Arg Thr Trp Glu Cys Tyr Trp His Lys Phe Gly
1 5 10

<210> 1064
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1064
Pro Glu Cys Arg Thr Trp Glu Cys Tyr Trp His Lys Phe Gly
1 5 10

<210> 1065
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1065
Gln Val Cys Gln Thr Trp Glu Cys Tyr Trp Arg Glu Phe Gly
1 5 10

<210> 1066
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1066
Asp Arg Cys Val Thr Trp Glu Cys Tyr Trp Arg Glu Phe Gly
1 5 10

<210> 1067
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1067
Ala Asp Gln Cys Arg Thr Trp Gln Cys Tyr Trp His Glu Phe Gly
1 5 10 15

<210> 1068
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1068
Lys Glu Asn Cys Arg Thr Trp Glu Cys Tyr Trp Arg Glu Phe Gly
1 5 10 15

<210> 1069
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1069
Val Gln Glu Cys Ser Thr Trp Gln Cys Tyr Trp Arg Thr Phe Gly
1 5 10 15

<210> 1070
<211> 15

<212> PRT
<213> Artificial Sequence

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

<400> 1070
Gly Glu Glu Cys Ser Thr Trp Gln Cys Tyr Trp Arg Lys Phe Gly
1 5 10 15

<210> 1071
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1071
Asp Gly Ser Cys Arg Thr Trp Gln Cys Tyr Trp His Gln Phe Gly
1 5 10 15

<210> 1072
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1072
Asn Ala Asp Cys His Ser Trp Glu Cys Tyr Trp Arg Glu Phe Gly
1 5 10 15

<210> 1073
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1073
Glu Arg Asn Cys Ser Thr Trp Glu Cys Tyr Trp Arg Ala Phe Gly
1 5 10 15

<210> 1074
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1074
Arg Val Gly Cys Ser Thr Trp Glu Cys Tyr Trp Arg Glu Phe Gly
1 5 10 15

<210> 1075
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1075
Lys Ala Asn Cys Arg Thr Trp Gln Cys Tyr Trp Arg Lys Phe Glu
1 5 10 15

<210> 1076
<211> 15
<212> PRT
<213> Artificial Sequence

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

<400> 1076
Tyr Glu Asp Cys Arg Thr Trp Gln Cys Tyr Trp Glu Asn Phe Gly
1 5 10 15

<210> 1077
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1077
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Asn Phe Gly Asp Ser
1 5 10

<210> 1078
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1078
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Asn Phe Glu Ser Gly
1 5 10

<210> 1079
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1079
Cys Gln Asp Trp Gln Cys Tyr Trp Arg Glu Phe Gly Pro Gly
1 5 10

<210> 1080
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1080
Cys Gln Asp Trp Gln Cys Tyr Trp Arg Ser Phe Gly Pro Gln
1 5 10

<210> 1081
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1081
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Thr Leu Gly Pro Ser
1 5 10

<210> 1082
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 1082
Cys Arg Thr Trp Gln Cys Tyr Trp Gln Asn Phe Gly
1 5 10

<210> 1083
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1083
Cys Gly Thr Trp Gln Cys Tyr Trp Arg Thr Phe Gly Pro Ser
1 5 10

<210> 1084
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1084

Cys Ser Thr Trp Gln Cys Tyr Trp His Lys Phe Gly Asn Glu
1 5 10

<210> 1085
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1085
Cys Arg Thr Trp Glu Cys Tyr Trp Arg Thr Tyr Gly Pro Ser
1 5 10

<210> 1086
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1086
Cys Arg Thr Trp Gln Cys Tyr Trp Trp Glu Asn Ser Gln Met
1 5 10

<210> 1087
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1087
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Glu Phe Gly Gly Gly
1 5 10

<210> 1088
<211> 14
<212> PRT
<213> Artificial Sequence

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

<400> 1088
Cys Gln Thr Trp Gln Cys Tyr Trp Arg Thr His Gly Asp Arg
1 5 10

<210> 1089
<211> 12
<212> PRT
<213> Artificial Sequence

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

<400> 1089
Cys Arg Asp Trp Gln Cys Tyr Trp Leu Ser Arg Pro
1 5 10

<210> 1090
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Lys(Palm)

<400> 1090
Cys Gln Thr Trp Gln Cys Tyr Trp Lys Glu Asn Gly
1 5 10

<210> 1091
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> Lys(PEG8)

<400> 1091
Cys Gln Thr Trp Gln Cys Tyr Trp Lys Glu Asn Gly
1 5 10

<210> 1092
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 1092
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Gln Gly
1 5 10

<210> 1093
<211> 12

<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (7)..(7)
<223> D-Tyr

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 1093
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 1094
<211> 12
<212> PRT
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<220>
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> N-MeTyr

<220>
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<222> (9)..(9)
<223> hLeu

<400> 1094
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 1095
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<221> MOD_RES
<222> (7)..(7)
<223> Tic-OH

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 1095
Cys Gln Thr Trp Gln Cys Xaa Trp Leu Glu Asn Gly
1 5 10

<210> 1096
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 1096
Cys Gln Thr Trp Gln Cys Glu Trp Leu Glu Asn Gly
1 5 10

<210> 1097
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
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<222> (9)..(9)
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<400> 1097
Cys Gln Thr Trp Gln Cys Thr Trp Leu Glu Asn Gly
1 5 10

<210> 1098
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (7)..(7)
<223> Cha

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 1098
Cys Gln Thr Trp Gln Cys Xaa Trp Leu Glu Asn Gly
1 5 10

<210> 1099
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (9)..(9)
<223> alpha-MeLeu

<400> 1099
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 1100
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> D-Leu

<400> 1100
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 1101
<211> 13
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<220>
<221> MOD_RES
<222> (13)..(13)
<223> D-Lys

<400> 1101
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly Lys
1 5 10

<210> 1102

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

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 1102
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gly
1 5 10

<210> 1103
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

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<222> (9)..(9)
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<400> 1103
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Glu
1 5 10

<210> 1104
<211> 12
<212> PRT
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<220>
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<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 1104
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Arg
1 5 10

<210> 1105
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 1105
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Phe
1 5 10

<210> 1106
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 1106
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Pro
1 5 10

<210> 1107
<211> 12
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 1107
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Gln
1 5 10

<210> 1108
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 1108
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Asn Leu

2821483_1
1 5 10

<210> 1109
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 1109
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Glu Gly
1 5 10

<210> 1110
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
<222> (9)..(9)
<223> hLeu

<400> 1110
Cys Gln Thr Trp Gln Cys Tyr Trp Leu Glu Arg Gly
1 5 10

<210> 1111
<211> 20
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(3)
<223> Any amino acid or absent

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 2-allylglycine, 2-(3'-butenyl)glycine, 2-(4'-pentenyl)glycine, or 2-(5'-hexenyl)glycine

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Ala, Arg, Sarc, alpha-MeOrn, alpha-MeSer, Cit, Dap, Dab,

Dap(Ac), Gly, Lys, Asn, N-MeGln, N-MeArg, Orn or Gln

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Asp, Thr or Asn

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Val, Gln or Glu

<220>
<221> MOD_RES
<222> (9)..(9)
<223> 2-allylglycine, 2-(3'-butenyl)glycine, 2-(4'-pentenyl)glycine or 2-(5'-hexenyl)glycine

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Trp, 1-Nal, 2-Nal, Phe(3,4-OMe2) 5-Hydroxy-Trp, Phe(3,4-Cl2) or Tyr(3-t-Bu)

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Thr, Sarc, Glu, Phe, Arg, Leu, Lys, Beta-hAla, Val, Aib, Lys(Ac), Cit, Asp, Dab, Dap, Glu, hArg, Lys, Asn, Orn or Gln

<220>
<221> MOD_RES
<222> (15)..(15)
<223> Gly, Ser, Thr, Gln, Ala, Sarc, Beta-Ala, Glu, Arg or Asn

<220>
<221> MOD_RES
<222> (16)..(20)
<223> Any amino acid or absent

<400> 1111
Xaa Xaa Xaa Gly Xaa Xaa Trp Xaa Gly Tyr Xaa His Xaa Phe Xaa Xaa
1 5 10 15

Xaa Xaa Xaa Xaa
20

<210> 1112
<211> 20
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(3)
<223> Any amino acid or absent

<220>
<221> MOD_RES
<222> (5)..(5)

<223> Ala, Arg, Glu, Phe, Leu, Thr, Ser, Aib, Sarc, alpha-MeOrn, alpha-MeSer, Cit, Dap, Dab, Dap(Ac), Gly, Lys, Asn, N-MeGln, N-MeArg, Orn or Gln

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Asp, Thr, Asn or Phe

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Val, Gln, Glu or Lys

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Trp, 1-Nal, 2-Nal, Phe(3,4-OMe2), 5-Hydroxy-Trp, Phe(3,4-Cl2) or Tyr(3-t-Bu)

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Thr, Sarc, Glu, Phe, Arg, Leu, Lys, Beta-hAla, Val, Aib, Lys(Ac), Cit, Asp, Dab, Dap, Glu, hArg, Lys, Asn, Orn, Gln or absent

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Phe, Tyr, Asn, Arg, Gln, Lys(Ac), His, Dap(Ac), Dab(Ac), Asp or absent

<220>
<221> MOD_RES
<222> (15)..(15)
<223> Gly, Ser, Thr, Gln, Ala, Sarc, beta-Ala, Glu, Arg, Asn or absent

<220>
<221> MOD_RES
<222> (16)..(20)
<223> Any amino acid or absent

<400> 1112
Xaa Xaa Xaa Cys Xaa Xaa Trp Xaa Cys Tyr Xaa His Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Xaa Xaa Xaa
20

<210> 1113
<211> 20
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(3)
<223> Any amino acid or absent

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Ala, Arg, Sarc, alpha-MeOrn, alpha-MeSer, Cit, Dap, Dab, Dap(Ac), Gly, Lys, Asn, N-MeGln, N-MeArg, Orn or Gln

<220>
<221> MOD_RES
<222> (6)..(6)
<223> Asp, Thr or Asn

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Val, Gln or Glu

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Trp, 1-Nal, 2-Nal, Phe(3,4-OMe2), 5-Hydroxy-Trp, Phe(3,4-Cl2) or Tyr(3-t-Bu)

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Thr, Sarc, Glu, Phe, Arg, Leu, Lys, beta-hAla, Val, Aib, Lys(Ac), Cit, Asp, Dab, Dap, Glu, hArg, Lys, Asn, Orn, Gln or absent

<220>
<221> MOD_RES
<222> (15)..(15)
<223> Gly, Ser, Thr, Gln, Ala, Sarc, beta-Ala, Glu, Arg, Asn or absent

<220>
<221> MOD_RES
<222> (16)..(20)
<223> Any amino acid or absent

<400> 1113
Xaa Xaa Xaa Cys Xaa Xaa Trp Xaa Cys Tyr Xaa His Xaa Phe Xaa Xaa
1 5 10 15

Xaa Xaa Xaa Xaa
20

<210> 1114
<211> 19
<212> PRT
<213> Artificial Sequence

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

<220>
<221> MOD_RES
<222> (1)..(3)
<223> Any amino acid or absent

<220>
<221> MOD_RES
<222> (5)..(6)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (8)..(8)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (10)..(10)
<223> Tyr, 1-Nal, 2-Nal, Phe(3,4-F2), Phe(3,4-Cl2), Phe(3-Me),
Phe[4-(2-aminoethoxy)], Phe[4-(2-(acetyl-aminoethoxy)],
Phe(4-Br), Phe(4-CONH2), Phe(4-Cl), Phe(4-CN),
Phe(4-guanidino) Phe(4-Me), Phe(4-NH2), Phe(4-N3),

<220>
<221> MOD_RES
<222> (10)..(10)
<223> continued from above; Phe(4-OMe) or Phe(4-OBzl)

<220>
<221> MOD_RES
<222> (11)..(11)
<223> Trp, 1-Nal, Phe(3,4-OMe2), 5-Hydroxy-Trp, Phe(3,4-Cl2) or
Tyr(3-t-Bu)

<220>
<221> MOD_RES
<222> (12)..(12)
<223> Arg, Lys, His, hArg, Cit, Orn, 1-Nal, D-Ala, D-Leu, D-Phe,
D-Asn, D-Asp, Agp, Leu, Beta-hLeu, Aib, Beta-hAla, Beta-hVal,
Beta-hArg, hLeu, Dap, 4-amino-4-carboxy-tetrahydropyran, Achc,
Acpc, Acbc, Acvc, Agp, Aib, alpha-DiethylGly, alpha-MeLys,

<220>
<221> MOD_RES
<222> (12)..(12)
<223> continued from above; alpha-MeLys(Ac), alpha-Me-Leu,
alpha-MeOrn, alpha-MeSer, alpha-MeVal, Cha, Cit, Cpa,
D-Asn, Glu, hArg or Lys

<220>
<221> MOD_RES
<222> (13)..(13)
<223> Cha, Ogl, Aib, Leu, Val, Dab, Glu, Lys, Beta-hLeu, Beta-hAla,
Beta-hVal, Beta-Glu, Lys(Ac), Cit, Asp, Dab, Dap, Glu, hArg,
Lys, Asn, Orn, Lys(Ac) or Gln

<220>
<221> MOD_RES
<222> (14)..(14)
<223> Phe, Tic, Asn, Tyr, Asn, Arg, Gln, Lys(Ac), His, Dap(Ac),
Dab(Ac) or Asp

<220>
<221> MOD_RES
<222> (16)..(16)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (17)..(17)
<223> D-Lys

<220>
<221> MOD_RES
<222> (18)..(19)
<223> Any amino acid or absent

<400> 1114
Xaa Xaa Xaa Cys Xaa Xaa Trp Xaa Cys Xaa Xaa Xaa Xaa Xaa Gly Xaa
1 5 10 15

Lys Xaa Xaa