

SEQUENCE LISTING

<110> SHIONOGI & CO., LTD
GENOMIX CO., LTD

<120> Peptide for inducing regeneration of tissue and use thereof

<130> 18-010-PCTJP

<150> JP 2017-085793

<151> 2017-04-25

<160> 403

<170> PatentIn version 3.5

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<211> 44

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<213> Artificial Sequence

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Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Lys	Pro
		35					40				

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Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Pro Lys
 35 40

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<400> 3

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Pro Pro
 35 40

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<400> 4

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Ala
 35 40

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<400> 5

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Glu
 35 40

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<400> 6

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ala Ala
 35 40

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Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10				15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Ala	Cys
		35					40				

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<400> 8

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10				15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Ala	Asp
		35					40				

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<400> 9

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ala Glu
35 40

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<400> 10

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ala Phe
35 40

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<400> 11

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ala Gly
 35 40

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<400> 12

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ala His
 35 40

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<400> 13

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ala Ile
 35 40

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<400> 14

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ala Lys
 35 40

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<400> 15

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ala Leu
 35 40

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<400> 16

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ala Met
 35 40

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<400> 17

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ala Asn
 35 40

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<400> 18

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ala Pro
 35 40

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<400> 19

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ala Gln
 35 40

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<400> 20

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ala Arg
 35 40

<210> 21
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<400> 21

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ala Ser
 35 40

<210> 22
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<400> 22

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ala Thr
 35 40

<210> 23
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<400> 23

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Ala	Val
		35					40				

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<400> 24

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Ala	Trp
		35					40				

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Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Ala	Tyr
		35					40				

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<400> 26

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Cys	Ala
		35					40				

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<400> 27

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Cys Cys
 35 40

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<400> 28

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Cys Asp
 35 40

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<400> 29

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Cys Glu
 35 40

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<400> 30

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Cys Phe
 35 40

<210> 31
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<400> 31

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Cys Gly
 35 40

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<400> 32

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Cys	His
		35					40				

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Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Cys	Ile
		35					40				

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Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Cys	Lys
		35					40				

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Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Cys	Leu
		35					40				

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Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Cys Met
 35 40

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<400> 37

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Cys Asn
 35 40

<210> 38
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<400> 38

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Cys Pro
 35 40

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<400> 39

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Cys Gln
 35 40

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<400> 40

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Cys Arg
 35 40

<210> 41
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<400> 41

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Cys Ser
 35 40

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<400> 42

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Cys Thr
 35 40

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<212> PRT

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<400> 43

20

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Cys Val
35 40

<210> 44

<211> 44

<212> PRT

<213> Artificial Sequence

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<400> 44

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Cys Trp
35 40

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<212> PRT

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<400> 45

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Cys Tyr
 35 40

<210> 46
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<400> 46

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asp Ala
 35 40

<210> 47
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<400> 47

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asp Cys
 35 40

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<400> 48

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asp Asp
 35 40

<210> 49
 <211> 44
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 <213> Artificial Sequence

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<400> 49

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asp Glu
 35 40

<210> 50
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<400> 50

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Asp	Phe
		35					40				

<210> 51

<211> 44

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<213> Artificial Sequence

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<223>

<400> 51

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Asp	Gly
		35					40				

<210> 52

<211> 44

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<213> Artificial Sequence

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<223>

<400> 52

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asp His
 35 40

<210> 53
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 53

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asp Ile
 35 40

<210> 54
 <211> 44
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 <213> Artificial Sequence

<220>
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<400> 54

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asp Lys
 35 40

<210> 55
 <211> 44
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 <213> Artificial Sequence

<220>
 <223>

<400> 55

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asp Leu
 35 40

<210> 56
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<400> 56

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asp Met
 35 40

<210> 57
 <211> 44

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 <213> Artificial Sequence

<220>
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<400> 57

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Asp	Asn
		35					40				

<210> 58
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<400> 58

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Asp	Pro
		35					40				

<210> 59
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<400> 59

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5				10					15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Asp	Gln
		35					40				

<210> 60

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<213> Artificial Sequence

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<400> 60

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5				10					15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Asp	Arg
		35					40				

<210> 61

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 61

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5				10					15		

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asp Ser
 35 40

<210> 62
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 62

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asp Thr
 35 40

<210> 63
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 63

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asp Val
 35 40

<210> 64
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 64

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asp Trp
 35 40

<210> 65
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 65

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asp Tyr
 35 40

<210> 66
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 66

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Glu	Ala
		35					40				

<210> 67

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 67

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Glu	Cys
		35					40				

<210> 68

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 68

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Glu Asp
 35 40

<210> 69
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 69

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Glu Glu
 35 40

<210> 70
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 70

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Glu Phe
 35 40

<210> 71
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 71

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Glu Gly
 35 40

<210> 72
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 72

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Glu His
 35 40

<210> 73
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 73

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Glu Ile
 35 40

<210> 74
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 74

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Glu Lys
 35 40

<210> 75
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 75

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Glu	Leu
		35					40				

<210> 76

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 76

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Glu	Met
		35					40				

<210> 77

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 77

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Glu Asn
 35 40

<210> 78
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 78

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Glu Pro
 35 40

<210> 79
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 79

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Glu Gln
 35 40

<210> 80
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 80

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Glu Arg
 35 40

<210> 81
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 81

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Glu Ser
 35 40

<210> 82
 <211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 82

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Glu	Thr
		35					40				

<210> 83

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 83

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Glu	Val
		35					40				

<210> 84

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 84

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Glu	Trp
		35					40				

<210> 85

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 85

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Glu	Tyr
		35					40				

<210> 86

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 86

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Phe Ala
 35 40

<210> 87
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 87

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Phe Cys
 35 40

<210> 88
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 88

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Phe Asp
 35 40

<210> 89
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 89

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Phe Glu
 35 40

<210> 90
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 90

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Phe Phe
 35 40

<210> 91
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 91

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Phe	Gly
		35					40				

<210> 92

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 92

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Phe	His
		35					40				

<210> 93

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 93

42

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Phe Ile
35 40

<210> 94

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 94

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Phe Lys
35 40

<210> 95

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 95

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Phe Leu
 35 40

<210> 96
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 96

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Phe Met
 35 40

<210> 97
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 97

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Phe Asn
 35 40

<210> 98
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 98

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Phe Pro
 35 40

<210> 99
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 99

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Phe Gln
 35 40

<210> 100
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 100

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Phe	Arg
		35					40				

<210> 101

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 101

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Phe	Ser
		35					40				

<210> 102

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 102

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Phe Thr
 35 40

<210> 103
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 103

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Phe Val
 35 40

<210> 104
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 104

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Phe Trp
 35 40

<210> 105
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 105

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Phe Tyr
 35 40

<210> 106
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 106

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gly Ala
 35 40

<210> 107
 <211> 44

<212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 107

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Gly	Cys
		35					40				

<210> 108
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 108

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Gly	Asp
		35					40				

<210> 109
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 109

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Gly	Glu
		35					40				

<210> 110

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 110

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Gly	Phe
		35					40				

<210> 111

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 111

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

50

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gly Gly
35 40

<210> 112

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 112

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gly His
35 40

<210> 113

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 113

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gly Ile
35 40

<210> 114
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 114

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gly Lys
 35 40

<210> 115
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 115

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gly Leu
 35 40

<210> 116
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 116

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Gly	Met
		35					40				

<210> 117

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 117

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Gly	Asn
		35					40				

<210> 118

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 118

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gly Pro
 35 40

<210> 119

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 119

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gly Gln
 35 40

<210> 120

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 120

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gly Arg
 35 40

<210> 121
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 121

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gly Ser
 35 40

<210> 122
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 122

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gly Thr
 35 40

<210> 123
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 123

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gly Val
 35 40

<210> 124
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 124

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gly Trp
 35 40

<210> 125
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 125

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Gly	Tyr
		35					40				

<210> 126

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 126

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	His	Ala
		35					40				

<210> 127

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 127

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His Cys
 35 40

<210> 128
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 128

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His Asp
 35 40

<210> 129
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 129

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His Glu
 35 40

<210> 130
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 130

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His Phe
 35 40

<210> 131
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 131

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His Gly
 35 40

<210> 132
 <211> 44

<212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 132

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His His
 35 40

<210> 133
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 133

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His Ile
 35 40

<210> 134
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 134

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	His	Lys
		35					40				

<210> 135

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 135

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	His	Leu
		35					40				

<210> 136

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 136

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His Met
 35 40

<210> 137
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 137

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His Asn
 35 40

<210> 138
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 138

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His Pro
 35 40

<210> 139
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 139

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His Gln
 35 40

<210> 140
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 140

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His Arg
 35 40

<210> 141
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 141

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His Ser
 35 40

<210> 142

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 142

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His Thr
 35 40

<210> 143

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 143

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His Val
 35 40

<210> 144
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 144

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His Trp
 35 40

<210> 145
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 145

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser His Tyr
 35 40

<210> 146
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 146

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Ala
 35 40

<210> 147
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 147

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Cys
 35 40

<210> 148
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 148

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Asp
 35 40

<210> 149
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 149

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Glu
 35 40

<210> 150
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 150

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Phe
 35 40

<210> 151

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 151

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Gly
 35 40

<210> 152

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 152

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile His
 35 40

<210> 153
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 153

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Ile
 35 40

<210> 154
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 154

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Lys
 35 40

<210> 155
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 155

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Leu
 35 40

<210> 156
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 156

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Met
 35 40

<210> 157
 <211> 44

<212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 157

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Asn
 35 40

<210> 158
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 158

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Pro
 35 40

<210> 159
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 159

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Gln
 35 40

<210> 160

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 160

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Arg
 35 40

<210> 161

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 161

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Ser
 35 40

<210> 162
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 162

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Thr
 35 40

<210> 163
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 163

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Val
 35 40

<210> 164
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 164

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Trp
 35 40

<210> 165
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 165

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ile Tyr
 35 40

<210> 166
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 166

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Cys
 35 40

<210> 167

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 167

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Asp
 35 40

<210> 168

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 168

75

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Phe
35 40

<210> 169

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 169

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Gly
35 40

<210> 170

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 170

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys His
 35 40

<210> 171

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 171

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Ile
 35 40

<210> 172

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 172

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Leu
 35 40

<210> 173
 <211> 44
 <212> PRT
 <213> Artificial Sequence.

<220>
 <223>

<400> 173

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Met
 35 40

<210> 174
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 174

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Asn
 35 40

<210> 175
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 175

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Lys	Gln
		35					40				

<210> 176

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 176

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Lys	Arg
		35					40				

<210> 177

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 177

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Ser
 35 40

<210> 178
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 178

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Thr
 35 40

<210> 179
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 179

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Val
 35 40

<210> 180
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 180

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Trp
 35 40

<210> 181
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 181

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Tyr
 35 40

<210> 182
 <211> 44

<212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 182

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Leu Ala
 35 40

<210> 183
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 183

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Leu Cys
 35 40

<210> 184
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 184

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Leu	Asp
		35					40				

<210> 185

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 185

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Leu	Glu
		35					40				

<210> 186

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 186

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Leu Phe
 35 40

<210> 187
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 187

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Leu Gly
 35 40

<210> 188
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 188

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Leu His
 35 40

<210> 189
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 189

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Leu Ile
 35 40

<210> 190
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 190

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Leu Lys
 35 40

<210> 191
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 191

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10				15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Leu	Leu
		35					40				

<210> 192

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 192

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10				15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Leu	Met
		35					40				

<210> 193

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 193

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Leu Asn
 35 40

<210> 194
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 194

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Leu Pro
 35 40

<210> 195
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 195

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Leu Gln
 35 40

<210> 196
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 196

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Leu Arg
 35 40

<210> 197
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 197

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Leu Ser
 35 40

<210> 198
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 198

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Leu Thr
 35 40

<210> 199
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 199

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Leu Val
 35 40

<210> 200
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 200

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Leu	Trp
		35					40				

<210> 201

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 201

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Leu	Tyr
		35					40				

<210> 202

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 202

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Met Ala
 35 40

<210> 203
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 203

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Met Cys
 35 40

<210> 204
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 204

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Met Asp
 35 40

<210> 205
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 205

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Met Glu
 35 40

<210> 206
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 206

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Met Phe
 35 40

<210> 207
 <211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 207

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Met	Gly
		35					40				

<210> 208

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 208

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Met	His
		35					40				

<210> 209

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 209

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Met	Ile
		35					40				

<210> 210

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 210

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Met	Lys
		35					40				

<210> 211

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 211

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Met Leu
 35 40

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

<220>
 <223>

<400> 212

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Met Met
 35 40

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

<220>
 <223>

<400> 213

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Met Asn
 35 40

<210> 214
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 214

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Met Pro
 35 40

<210> 215
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 215

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Met Gln
 35 40

<210> 216
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 216

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10				15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Met	Arg
		35					40				

<210> 217

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 217

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10				15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Met	Ser
		35					40				

<210> 218

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 218

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Met Thr
 35 40

<210> 219
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 219

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Met Val
 35 40

<210> 220
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 220

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Met Trp
 35 40

<210> 221
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 221

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Met Tyr
 35 40

<210> 222
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 222

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Ala
 35 40

<210> 223
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 223

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Cys
 35 40

<210> 224
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 224

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Asp
 35 40

<210> 225
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 225

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Glu
 35 40

<210> 226

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 226

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Phe
 35 40

<210> 227

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 227

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Gly
 35 40

<210> 228
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 228

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn His
 35 40

<210> 229
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 229

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Ile
 35 40

<210> 230
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 230

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Lys
 35 40

<210> 231
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 231

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Leu
 35 40

<210> 232
 <211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 232

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Met
35 40

<210> 233

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 233

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Asn
35 40

<210> 234

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 234

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Asn	Pro
		35					40				

<210> 235

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 235

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Asn	Gln
		35					40				

<210> 236

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 236

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Arg
 35 40

<210> 237
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 237

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Ser
 35 40

<210> 238
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 238

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Thr
 35 40

<210> 239
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 239

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Val
 35 40

<210> 240
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 240

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Trp
 35 40

<210> 241
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 241

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Asn Tyr
 35 40

<210> 242

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 242

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Pro Ala
 35 40

<210> 243

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 243

108

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Pro Cys
35 40

<210> 244
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<223>

<400> 244

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Pro Asp
35 40

<210> 245
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<223>

<400> 245

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Pro Glu
 35 40

<210> 246

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 246

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Pro Phe
 35 40

<210> 247

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 247

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Pro Gly
 35 40

<210> 248
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 248

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Pro His
 35 40

<210> 249
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 249

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Pro Ile
 35 40

<210> 250
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 250

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Pro	Leu
		35					40				

<210> 251

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 251

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Pro	Met
		35					40				

<210> 252

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 252

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Pro Asn
 35 40

<210> 253
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 253

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Pro Gln
 35 40

<210> 254
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 254

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Pro Arg
 35 40

<210> 255
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 255

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Pro Ser
 35 40

<210> 256
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 256

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Pro Thr
 35 40

<210> 257
 <211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 257

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5				10					15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20				25					30			

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Pro	Val
		35				40					

<210> 258

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 258

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5				10					15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20				25					30			

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Pro	Trp
		35				40					

<210> 259

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 259

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Pro Tyr
 35 40

<210> 260

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 260

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Ala
 35 40

<210> 261

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 261

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Cys
 35 40

<210> 262
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 262

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Asp
 35 40

<210> 263
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 263

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Glu
 35 40

<210> 264
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 264

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Phe
 35 40

<210> 265
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 265

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Gly
 35 40

<210> 266
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 266

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5				10					15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Gln	His
		35					40				

<210> 267

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 267

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5				10					15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Gln	Ile
		35					40				

<210> 268

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 268

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Lys
 35 40

<210> 269

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 269

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Leu
 35 40

<210> 270

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 270

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Met
 35 40

<210> 271
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 271

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Asn
 35 40

<210> 272
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 272

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Pro
 35 40

<210> 273
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 273

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Gln
 35 40

<210> 274
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 274

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Arg
 35 40

<210> 275
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 275

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Ser
 35 40

<210> 276

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 276

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Thr
 35 40

<210> 277

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 277

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Val
 35 40

<210> 278
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 278

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Trp
 35 40

<210> 279
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 279

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Gln Tyr
 35 40

<210> 280
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 280

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Arg Ala
 35 40

<210> 281
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 281

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Arg Cys
 35 40

<210> 282
 <211> 44

<212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 282

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Arg Asp
 35 40

<210> 283
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 283

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Arg Glu
 35 40

<210> 284
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 284

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5				10					15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20				25					30			

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Arg	Phe
		35					40				

<210> 285

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 285

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5				10					15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20				25					30			

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Arg	Gly
		35					40				

<210> 286

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 286

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5				10					15		

127

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Arg His
35 40

<210> 287
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<223>

<400> 287

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Arg Ile
35 40

<210> 288
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<223>

<400> 288

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Arg Lys
35 40

<210> 289
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 289

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Arg Leu
 35 40

<210> 290
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 290

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Arg Met
 35 40

<210> 291
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 291

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10				15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Arg	Asn
		35					40				

<210> 292

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 292

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10				15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Arg	Pro
		35					40				

<210> 293

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 293

130

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Arg Gln
35 40

<210> 294

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 294

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Arg Arg
35 40

<210> 295

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 295

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Arg Ser
 35 40

<210> 296

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 296

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Arg Thr
 35 40

<210> 297

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 297

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Arg Val
 35 40

<210> 298
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 298

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Arg Trp
 35 40

<210> 299
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 299

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Arg Tyr
 35 40

<210> 300
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 300

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ser Ala
 35 40

<210> 301

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 301

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ser Cys
 35 40

<210> 302

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 302

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ser Asp
 35 40

<210> 303
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 303

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ser Glu
 35 40

<210> 304
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 304

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ser Phe
 35 40

<210> 305
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 305

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ser Gly
 35 40

<210> 306
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 306

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ser His
 35 40

<210> 307
 <211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 307

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10				15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20				25					30			

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Ser	Ile
		35					40				

<210> 308

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 308

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10				15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20				25					30			

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Ser	Lys
		35					40				

<210> 309

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 309

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Ser	Leu
		35					40				

<210> 310

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 310

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Ser	Met
		35					40				

<210> 311

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 311

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

138

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ser Asn
35 40

<210> 312
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<223>

<400> 312

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ser Pro
35 40

<210> 313
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<223>

<400> 313

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ser Gln
35 40

<210> 314
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 314

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ser Arg
 35 40

<210> 315
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 315

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ser Ser
 35 40

<210> 316
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 316

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ser Thr
 35 40

<210> 317

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 317

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ser Val
 35 40

<210> 318

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 318

141

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ser Trp
35 40

<210> 319
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<223>

<400> 319

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Ser Tyr
35 40

<210> 320
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<223>

<400> 320

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Ala
 35 40

<210> 321
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 321

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Cys
 35 40

<210> 322
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 322

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Asp
 35 40

<210> 323
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 323

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Glu
 35 40

<210> 324
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 324

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Phe
 35 40

<210> 325
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 325

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Thr	Gly
		35					40				

<210> 326

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 326

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Thr	His
		35					40				

<210> 327

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 327

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Ile
 35 40

<210> 328
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 328

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Lys
 35 40

<210> 329
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 329

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Leu
 35 40

<210> 330
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 330

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Met
 35 40

<210> 331
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 331

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Asn
 35 40

<210> 332
 <211> 44

<212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 332

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Pro
 35 40

<210> 333
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 333

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Gln
 35 40

<210> 334
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 334

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Arg
 35 40

<210> 335

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 335

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Ser
 35 40

<210> 336

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 336

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Thr
 35 40

<210> 337
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 337

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Val
 35 40

<210> 338
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 338

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Trp
 35 40

<210> 339
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 339

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Thr Tyr
 35 40

<210> 340
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 340

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val Ala
 35 40

<210> 341
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 341

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val Cys
 35 40

<210> 342

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 342

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val Asp
 35 40

<210> 343

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 343

152

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val Glu
35 40

<210> 344

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 344

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val Phe
35 40

<210> 345

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 345

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val Gly
 35 40

<210> 346

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 346

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val His
 35 40

<210> 347

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 347

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val Ile
 35 40

<210> 348
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 348

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val Lys
 35 40

<210> 349
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 349

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val Leu
 35 40

<210> 350
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 350

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Val	Met
		35					40				

<210> 351

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 351

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Val	Asn
		35					40				

<210> 352

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 352

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val Pro
 35 40

<210> 353
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 353

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val Gln
 35 40

<210> 354
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 354

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

157

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val Arg
35 40

<210> 355
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<223>

<400> 355

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val Ser
35 40

<210> 356
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<223>

<400> 356

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val Thr
35 40

<210> 357
<211> 44

<212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 357

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val Val
 35 40

<210> 358
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 358

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Val Trp
 35 40

<210> 359
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 359

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Val	Tyr
		35					40				

<210> 360

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 360

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Trp	Ala
		35					40				

<210> 361

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 361

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

160

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Cys
35 40

<210> 362
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<223>

<400> 362

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Asp
35 40

<210> 363
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<223>

<400> 363

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Glu
35 40

<210> 364
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 364

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Phe
 35 40

<210> 365
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 365

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Gly
 35 40

<210> 366
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 366

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Trp	His
		35					40				

<210> 367

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 367

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10					15	

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Trp	Ile
		35					40				

<210> 368

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 368

163

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Lys
35 40

<210> 369

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 369

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Leu
35 40

<210> 370

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 370

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Met
 35 40

<210> 371

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 371

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Asn
 35 40

<210> 372

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 372

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Pro
 35 40

<210> 373
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 373

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Gln
 35 40

<210> 374
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 374

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Arg
 35 40

<210> 375
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 375

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Ser
 35 40

<210> 376

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 376

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Thr
 35 40

<210> 377

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 377

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Val
 35 40

<210> 378
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 378

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Trp
 35 40

<210> 379
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 379

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Trp Tyr
 35 40

<210> 380
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 380

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Ala
 35 40

<210> 381
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 381

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Cys
 35 40

<210> 382
 <211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 382

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10				15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Tyr	Asp
		35					40				

<210> 383

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 383

Met	Gly	Lys	Gly	Asp	Pro	Lys	Lys	Pro	Arg	Gly	Lys	Met	Ser	Ser	Tyr
1				5					10				15		

Ala	Phe	Phe	Val	Gln	Thr	Cys	Arg	Glu	Glu	His	Lys	Lys	Lys	His	Pro
			20					25					30		

Asp	Ala	Ser	Val	Asn	Phe	Ser	Glu	Phe	Ser	Tyr	Glu
		35					40				

<210> 384

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 384

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Phe
 35 40

<210> 385

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 385

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Gly
 35 40

<210> 386

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 386

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

171

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr His
35 40

<210> 387
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<223>

<400> 387

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Ile
35 40

<210> 388
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<223>

<400> 388

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Lys
35 40

<210> 389
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 389

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Leu
 35 40

<210> 390
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 390

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Met
 35 40

<210> 391
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 391

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Asn
 35 40

<210> 392

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 392

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Pro
 35 40

<210> 393

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 393

174

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Gln
35 40

<210> 394

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 394

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Arg
35 40

<210> 395

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 395

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Ser
 35 40

<210> 396

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 396

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Thr
 35 40

<210> 397

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223>

<400> 397

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Val
 35 40

<210> 398
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 398

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Trp
 35 40

<210> 399
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 399

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Tyr Tyr
 35 40

<210> 400
 <211> 43
 <212> PRT
 <213> Artificial Sequence

<220>

<223>

<400> 400

Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr Ala
 1 5 10 15

Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro Asp
 20 25 30

Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Lys
 35 40

<210> 401

<211> 215

<212> PRT

<213> Homo sapiens

<400> 401

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

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

Trp Lys Thr Met Ser Ala Lys Glu Lys Gly Lys Phe Glu Asp Met Ala
 50 55 60

Lys Ala Asp Lys Ala Arg Tyr Glu Arg Glu Met Lys Thr Tyr Ile Pro
 65 70 75 80

Pro Lys Gly Glu Thr Lys Lys Lys Phe Lys Asp Pro Asn Ala Pro Lys
 85 90 95

Arg Pro Pro Ser Ala Phe Phe Leu Phe Cys Ser Glu Tyr Arg Pro Lys
 100 105 110

Ile Lys Gly Glu His Pro Gly Leu Ser Ile Gly Asp Val Ala Lys Lys
 115 120 125

Leu Gly Glu Met Trp Asn Asn Thr Ala Ala Asp Asp Lys Gln Pro Tyr
 130 135 140

Glu Lys Lys Ala Ala Lys Leu Lys Glu Lys Tyr Glu Lys Asp Ile Ala
 145 150 155 160

Ala Tyr Arg Ala Lys Gly Lys Pro Asp Ala Ala Lys Lys Gly Val Val
 165 170 175

Lys Ala Glu Lys Ser Lys Lys Lys Lys Glu Glu Glu Glu Asp Glu Glu
 180 185 190

Asp Glu Glu Asp Glu Glu Glu Glu Glu Asp Glu Glu Asp Glu Asp Glu
 195 200 205

Glu Glu Asp Asp Asp Asp Asp
 210 215

<210> 402
 <211> 44
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>

<400> 402

Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr
 1 5 10 15

Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro
 20 25 30

Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Lys
 35 40

<210> 403
<211> 43
<212> PRT
<213> Artificial Sequence

<220>
<223>

<400> 403

Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr Ala
1 5 10 15

Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro Asp
20 25 30

Ala Ser Val Asn Phe Ser Glu Phe Ser Pro Pro
35 40