

SEQUENCE LISTING

<110> IO Biotech ApS

<120> IMMUNOGENIC ARGINASE 2 POLYPEPTIDES

<130> N414657W0

<150> GB1818576.9

<151> 2018-11-14

<160> 64

<170> PatentIn version 3.5

<210> 1

<211> 20

<212> PRT

<213> Homo sapiens

<400> 1

Met	Ser	Leu	Arg	Gly	Ser	Leu	Ser	Arg	Leu	Leu	Gln	Thr	Arg	Val	His
1				5					10					15	

Ser	Ile	Leu	Lys
			20

<210> 2

<211> 20

<212> PRT

<213> Homo sapiens

<400> 2

Leu	Gln	Thr	Arg	Val	His	Ser	Ile	Leu	Lys	Lys	Ser	Val	His	Ser	Val
1				5					10					15	

Ala	Val	Ile	Gly
			20

<210> 3

<211> 20

<212> PRT

<213> Homo sapiens

<400> 3

Lys	Ser	Val	His	Ser	Val	Ala	Val	Ile	Gly	Ala	Pro	Phe	Ser	Gln	Gly
1				5					10					15	

Gln	Lys	Arg	Lys
			20

<210> 4

<211> 20

<212> PRT

<213> Homo sapiens

<400> 4

Ala	Pro	Phe	Ser	Gln	Gly	Gln	Lys	Arg	Lys	Gly	Val	Glu	His	Gly	Pro
1				5					10					15	

Ala	Ala	Ile	Arg
			20

<210> 5

<211> 20

<212> PRT

<213> Homo sapiens

<400> 5

Gly	Val	Glu	His	Gly	Pro	Ala	Ala	Ile	Arg	Glu	Ala	Gly	Leu	Met	Lys
1				5					10					15	

Arg	Leu	Ser	Ser
			20

<210> 6

<211> 20

<212> PRT

<213> Homo sapiens

<400> 6

Glu	Ala	Gly	Leu	Met	Lys	Arg	Leu	Ser	Ser	Leu	Gly	Cys	His	Leu	Lys
1				5					10					15	

Asp Phe Gly Asp
20

<210> 7
<211> 20
<212> PRT
<213> Homo sapiens

<400> 7

Leu Gly Cys His Leu Lys Asp Phe Gly Asp Leu Ser Phe Thr Pro Val
1 5 10 15

Pro Lys Asp Asp
20

<210> 8
<211> 20
<212> PRT
<213> Homo sapiens

<400> 8

Leu Ser Phe Thr Pro Val Pro Lys Asp Asp Leu Tyr Asn Asn Leu Ile
1 5 10 15

Val Asn Pro Arg
20

<210> 9
<211> 20
<212> PRT
<213> Homo sapiens

<400> 9

Leu Tyr Asn Asn Leu Ile Val Asn Pro Arg Ser Val Gly Leu Ala Asn
1 5 10 15

Gln Glu Leu Ala
20

<210> 10
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 10

Ser Val Gly Leu Ala Asn Gln Glu Leu Ala Glu Val Val Ser Arg Ala
 1 5 10 15

Val Ser Asp Gly
 20

<210> 11
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 <212> PRT
 <213> Homo sapiens

<400> 11

Glu Val Val Ser Arg Ala Val Ser Asp Gly Tyr Ser Cys Val Thr Leu
 1 5 10 15

Gly Gly Asp His
 20

<210> 12
 <211> 20
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 <213> Homo sapiens

<400> 12

Tyr Ser Cys Val Thr Leu Gly Gly Asp His Ser Leu Ala Ile Gly Thr
 1 5 10 15

Ile Ser Gly His
 20

<210> 13
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 13

Ser Leu Ala Ile Gly Thr Ile Ser Gly His Ala Arg His Cys Pro Asp
1 5 10 15

Leu Cys Val Val
20

<210> 14

<211> 20

<212> PRT

<213> Homo sapiens

<400> 14

Ala Arg His Cys Pro Asp Leu Cys Val Val Trp Val Asp Ala His Ala
1 5 10 15

Asp Ile Asn Thr
20

<210> 15

<211> 20

<212> PRT

<213> Homo sapiens

<400> 15

Trp Val Asp Ala His Ala Asp Ile Asn Thr Pro Leu Thr Thr Ser Ser
1 5 10 15

Gly Asn Leu His
20

<210> 16

<211> 20

<212> PRT

<213> Homo sapiens

<400> 16

Pro Leu Thr Thr Ser Ser Gly Asn Leu His Gly Gln Pro Val Ser Phe
1 5 10 15

Leu Leu Arg Glu
20

<210> 17
<211> 20
<212> PRT
<213> Homo sapiens

<400> 17

Gly Gln Pro Val Ser Phe Leu Leu Arg Glu Leu Gln Asp Lys Val Pro
1 5 10 15

Gln Leu Pro Gly
20

<210> 18
<211> 20
<212> PRT
<213> Homo sapiens

<400> 18

Leu Gln Asp Lys Val Pro Gln Leu Pro Gly Phe Ser Trp Ile Lys Pro
1 5 10 15

Cys Ile Ser Ser
20

<210> 19
<211> 20
<212> PRT
<213> Homo sapiens

<400> 19

Phe Ser Trp Ile Lys Pro Cys Ile Ser Ser Ala Ser Ile Val Tyr Ile
1 5 10 15

Gly Leu Arg Asp
20

<210> 20
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 20

Ala	Ser	Ile	Val	Tyr	Ile	Gly	Leu	Arg	Asp	Val	Asp	Pro	Pro	Glu	His
1				5					10					15	

Phe	Ile	Leu	Lys
			20

<210> 21
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 <212> PRT
 <213> Homo sapiens

<400> 21

Val	Asp	Pro	Pro	Glu	His	Phe	Ile	Leu	Lys	Asn	Tyr	Asp	Ile	Gln	Tyr
1				5					10					15	

Phe	Ser	Met	Arg
			20

<210> 22
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 <213> Homo sapiens

<400> 22

Asn	Tyr	Asp	Ile	Gln	Tyr	Phe	Ser	Met	Arg	Asp	Ile	Asp	Arg	Leu	Gly
1				5					10					15	

Ile	Gln	Lys	Val
			20

<210> 23
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 <212> PRT
 <213> Homo sapiens

<400> 23

Asp	Ile	Asp	Arg	Leu	Gly	Ile	Gln	Lys	Val	Met	Glu	Arg	Thr	Phe	Asp
1				5					10					15	

Leu	Leu	Ile	Gly
			20

<210> 24

<211> 20

<212> PRT

<213> Homo sapiens

<400> 24

Met	Glu	Arg	Thr	Phe	Asp	Leu	Leu	Ile	Gly	Lys	Arg	Gln	Arg	Pro	Ile
1				5					10					15	

His	Leu	Ser	Phe
			20

<210> 25

<211> 20

<212> PRT

<213> Homo sapiens

<400> 25

Lys	Arg	Gln	Arg	Pro	Ile	His	Leu	Ser	Phe	Asp	Ile	Asp	Ala	Phe	Asp
1				5					10					15	

Pro	Thr	Leu	Ala
			20

<210> 26

<211> 20

<212> PRT

<213> Homo sapiens

<400> 26

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

Val Val Gly Gly
20

<210> 27
<211> 20
<212> PRT
<213> Homo sapiens

<400> 27

Pro Ala Thr Gly Thr Pro Val Val Gly Gly Leu Thr Tyr Arg Glu Gly
1 5 10 15

Met Tyr Ile Ala
20

<210> 28
<211> 20
<212> PRT
<213> Homo sapiens

<400> 28

Leu Thr Tyr Arg Glu Gly Met Tyr Ile Ala Glu Glu Ile His Asn Thr
1 5 10 15

Gly Leu Leu Ser
20

<210> 29
<211> 20
<212> PRT
<213> Homo sapiens

<400> 29

Glu Glu Ile His Asn Thr Gly Leu Leu Ser Ala Leu Asp Leu Val Glu
1 5 10 15

Val Asn Pro Gln
20

<210> 30
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 30

Ala	Leu	Asp	Leu	Val	Glu	Val	Asn	Pro	Gln	Leu	Ala	Thr	Ser	Glu	Glu
1				5					10					15	

Glu	Ala	Lys	Thr
			20

<210> 31
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 <212> PRT
 <213> Homo sapiens

<400> 31

Leu	Ala	Thr	Ser	Glu	Glu	Glu	Ala	Lys	Thr	Thr	Ala	Asn	Leu	Ala	Val
1				5					10					15	

Asp	Val	Ile	Ala
			20

<210> 32
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 32

Thr	Ala	Asn	Leu	Ala	Val	Asp	Val	Ile	Ala	Ser	Ser	Phe	Gly	Gln	Thr
1				5					10					15	

Arg	Glu	Gly	Gly
			20

<210> 33
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 33

Ser Ser Phe Gly Gln Thr Arg Glu Gly Gly His Ile Val Tyr Asp Gln
 1 5 10 15

Leu Pro Thr Pro
 20

<210> 34

<211> 24

<212> PRT

<213> Homo sapiens

<400> 34

His Ile Val Tyr Asp Gln Leu Pro Thr Pro Ser Ser Pro Asp Glu Ser
 1 5 10 15

Glu Asn Gln Ala Arg Val Arg Ile
 20

<210> 35

<211> 20

<212> PRT

<213> Homo sapiens

<400> 35

Gly Phe Ser Trp Ile Lys Pro Cys Ile Ser Ser Ala Ser Ile Val Tyr
 1 5 10 15

Ile Gly Leu Arg
 20

<210> 36

<211> 20

<212> PRT

<213> Homo sapiens

<400> 36

Ser Ala Ser Ile Val Tyr Ile Gly Leu Arg Asp Val Asp Pro Pro Glu
 1 5 10 15

His Phe Ile Leu
20

<210> 37
<211> 20
<212> PRT
<213> Homo sapiens

<400> 37

Asp Val Asp Pro Pro Glu His Phe Ile Leu Lys Asn Tyr Asp Ile Gln
1 5 10 15

Tyr Phe Ser Met
20

<210> 38
<211> 20
<212> PRT
<213> Homo sapiens

<400> 38

Lys Asn Tyr Asp Ile Gln Tyr Phe Ser Met Arg Asp Ile Asp Arg Leu
1 5 10 15

Gly Ile Gln Lys
20

<210> 39
<211> 50
<212> PRT
<213> Homo sapiens

<400> 39

Gly Phe Ser Trp Ile Lys Pro Cys Ile Ser Ser Ala Ser Ile Val Tyr
1 5 10 15

Ile Gly Leu Arg Asp Val Asp Pro Pro Glu His Phe Ile Leu Lys Asn
20 25 30

Tyr Asp Ile Gln Tyr Phe Ser Met Arg Asp Ile Asp Arg Leu Gly Ile
 35 40 45

Gln Lys
 50

<210> 40
 <211> 50
 <212> PRT
 <213> Homo sapiens

<400> 40

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

Ile Gly Leu Arg Asp Val Asp Pro Gly Glu His Tyr Ile Leu Lys Thr
 20 25 30

Leu Gly Ile Lys Tyr Phe Ser Met Thr Glu Val Asp Arg Leu Gly Ile
 35 40 45

Gly Lys
 50

<210> 41
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 41

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

Ile Gly Leu Arg
 20

<210> 42
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 42

Ala Lys Asp Ile Val Tyr Ile Gly Leu Arg Asp Val Asp Pro Gly Glu
1 5 10 15

His Tyr Ile Leu
20

<210> 43

<211> 20

<212> PRT

<213> Homo sapiens

<400> 43

Asp Val Asp Pro Gly Glu His Tyr Ile Leu Lys Thr Leu Gly Ile Lys
1 5 10 15

Tyr Phe Ser Met
20

<210> 44

<211> 20

<212> PRT

<213> Homo sapiens

<400> 44

Lys Thr Leu Gly Ile Lys Tyr Phe Ser Met Thr Glu Val Asp Arg Leu
1 5 10 15

Gly Ile Gly Lys
20

<210> 45

<211> 9

<212> PRT

<213> Mus musculus

<400> 45

Val Val Tyr Pro Arg Ser Val Gly Leu
1 5

<210> 46
 <211> 18
 <212> PRT
 <213> Mus musculus

<400> 46

Val	Val	Tyr	Pro	Arg	Ser	Val	Gly	Leu	Ala	Asn	Gln	Glu	Leu	Ala	Glu
1				5					10					15	

Val Val

<210> 47
 <211> 8
 <212> PRT
 <213> Mus musculus

<400> 47

Pro	Asn	Ile	Val	Tyr	Ile	Gly	Leu
1				5			

<210> 48
 <211> 16
 <212> PRT
 <213> Mus musculus

<400> 48

Trp	Ile	Lys	Pro	Cys	Leu	Ser	Pro	Pro	Asn	Ile	Val	Tyr	Ile	Gly	Leu
1				5					10					15	

<210> 49
 <211> 9
 <212> PRT
 <213> Mus musculus

<400> 49

Leu	Ser	Pro	Pro	Asn	Ile	Val	Tyr	Ile
1				5				

<210> 50
 <211> 9
 <212> PRT
 <213> Mus musculus

<400> 50

Ile Gln Tyr Phe Ser Met Arg Glu Ile
 1 5

<210> 51
 <211> 354
 <212> PRT
 <213> Homo sapiens

<400> 51

Met Ser Leu Arg Gly Ser Leu Ser Arg Leu Leu Gln Thr Arg Val His
 1 5 10 15

Ser Ile Leu Lys Lys Ser Val His Ser Val Ala Val Ile Gly Ala Pro
 20 25 30

Phe Ser Gln Gly Gln Lys Arg Lys Gly Val Glu His Gly Pro Ala Ala
 35 40 45

Ile Arg Glu Ala Gly Leu Met Lys Arg Leu Ser Ser Leu Gly Cys His
 50 55 60

Leu Lys Asp Phe Gly Asp Leu Ser Phe Thr Pro Val Pro Lys Asp Asp
 65 70 75 80

Leu Tyr Asn Asn Leu Ile Val Asn Pro Arg Ser Val Gly Leu Ala Asn
 85 90 95

Gln Glu Leu Ala Glu Val Val Ser Arg Ala Val Ser Asp Gly Tyr Ser
 100 105 110

Cys Val Thr Leu Gly Gly Asp His Ser Leu Ala Ile Gly Thr Ile Ser
 115 120 125

Gly His Ala Arg His Cys Pro Asp Leu Cys Val Val Trp Val Asp Ala
 130 135 140

His Ala Asp Ile Asn Thr Pro Leu Thr Thr Ser Ser Gly Asn Leu His
 145 150 155 160

Gly Gln Pro Val Ser Phe Leu Leu Arg Glu Leu Gln Asp Lys Val Pro
 165 170 175

Gln Leu Pro Gly Phe Ser Trp Ile Lys Pro Cys Ile Ser Ser Ala Ser
 180 185 190

Ile Val Tyr Ile Gly Leu Arg Asp Val Asp Pro Pro Glu His Phe Ile
 195 200 205

Leu Lys Asn Tyr Asp Ile Gln Tyr Phe Ser Met Arg Asp Ile Asp Arg
 210 215 220

Leu Gly Ile Gln Lys Val Met Glu Arg Thr Phe Asp Leu Leu Ile Gly
 225 230 235 240

Lys Arg Gln Arg Pro Ile His Leu Ser Phe Asp Ile Asp Ala Phe Asp
 245 250 255

Pro Thr Leu Ala Pro Ala Thr Gly Thr Pro Val Val Gly Gly Leu Thr
 260 265 270

Tyr Arg Glu Gly Met Tyr Ile Ala Glu Glu Ile His Asn Thr Gly Leu
 275 280 285

Leu Ser Ala Leu Asp Leu Val Glu Val Asn Pro Gln Leu Ala Thr Ser
 290 295 300

Glu Glu Glu Ala Lys Thr Thr Ala Asn Leu Ala Val Asp Val Ile Ala
 305 310 315 320

Ser Ser Phe Gly Gln Thr Arg Glu Gly Gly His Ile Val Tyr Asp Gln
 325 330 335

Leu Pro Thr Pro Ser Ser Pro Asp Glu Ser Glu Asn Gln Ala Arg Val
 340 345 350

Arg Ile

<210> 52
 <211> 354
 <212> PRT
 <213> Mus musculus

<400> 52

Met Phe Leu Arg Ser Ser Ala Ser Arg Leu Leu His Gly Gln Ile Pro
 1 5 10 15

Cys Val Leu Thr Arg Ser Val His Ser Val Ala Ile Val Gly Ala Pro
 20 25 30

Phe Ser Arg Gly Gln Lys Lys Leu Gly Val Glu Tyr Gly Pro Ala Ala
 35 40 45

Ile Arg Glu Ala Gly Leu Leu Lys Arg Leu Ser Arg Leu Gly Cys His
 50 55 60

Leu Lys Asp Phe Gly Asp Leu Ser Phe Thr Asn Val Pro Gln Asp Asp
 65 70 75 80

Pro Tyr Asn Asn Leu Val Val Tyr Pro Arg Ser Val Gly Leu Ala Asn
 85 90 95

Gln Glu Leu Ala Glu Val Val Ser Arg Ala Val Ser Gly Gly Tyr Ser
 100 105 110

Cys Val Thr Met Gly Gly Asp His Ser Leu Ala Ile Gly Thr Ile Ile
 115 120 125

Gly His Ala Arg His Arg Pro Asp Leu Cys Val Ile Trp Val Asp Ala

130

135

140

His Ala Asp Ile Asn Thr Pro Leu Thr Thr Val Ser Gly Asn Ile His
 145 150 155 160

Gly Gln Pro Leu Ser Phe Leu Ile Lys Glu Leu Gln Asp Lys Val Pro
 165 170 175

Gln Leu Pro Gly Phe Ser Trp Ile Lys Pro Cys Leu Ser Pro Pro Asn
 180 185 190

Ile Val Tyr Ile Gly Leu Arg Asp Val Glu Pro Pro Glu His Phe Ile
 195 200 205

Leu Lys Asn Tyr Asp Ile Gln Tyr Phe Ser Met Arg Glu Ile Asp Arg
 210 215 220

Leu Gly Ile Gln Lys Val Met Glu Gln Thr Phe Asp Arg Leu Ile Gly
 225 230 235 240

Lys Arg Gln Arg Pro Ile His Leu Ser Phe Asp Ile Asp Ala Phe Asp
 245 250 255

Pro Lys Leu Ala Pro Ala Thr Gly Thr Pro Val Val Gly Gly Leu Thr
 260 265 270

Tyr Arg Glu Gly Val Tyr Ile Thr Glu Glu Ile His Asn Thr Gly Leu
 275 280 285

Leu Ser Ala Leu Asp Leu Val Glu Val Asn Pro His Leu Ala Thr Ser
 290 295 300

Glu Glu Glu Ala Lys Ala Thr Ala Arg Leu Ala Val Asp Val Ile Ala
 305 310 315 320

Ser Ser Phe Gly Gln Thr Arg Glu Gly Gly His Ile Val Tyr Asp His
 325 330 335

Leu Pro Thr Pro Ser Ser Pro His Glu Ser Glu Asn Glu Glu Cys Val
 340 345 350

Arg Ile

<210> 53
 <211> 322
 <212> PRT
 <213> Homo sapiens
 <400> 53

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

Lys Gly Gln Pro Arg Gly Gly Val Glu Glu Gly Pro Thr Val Leu Arg
 20 25 30

Lys Ala Gly Leu Leu Glu Lys Leu Lys Glu Gln Glu Cys Asp Val Lys
 35 40 45

Asp Tyr Gly Asp Leu Pro Phe Ala Asp Ile Pro Asn Asp Ser Pro Phe
 50 55 60

Gln Ile Val Lys Asn Pro Arg Ser Val Gly Lys Ala Ser Glu Gln Leu
 65 70 75 80

Ala Gly Lys Val Ala Glu Val Lys Lys Asn Gly Arg Ile Ser Leu Val
 85 90 95

Leu Gly Gly Asp His Ser Leu Ala Ile Gly Ser Ile Ser Gly His Ala
 100 105 110

Arg Val His Pro Asp Leu Gly Val Ile Trp Val Asp Ala His Thr Asp
 115 120 125

Ile Asn Thr Pro Leu Thr Thr Thr Ser Gly Asn Leu His Gly Gln Pro
 130 135 140

Val Ser Phe Leu Leu Lys Glu Leu Lys Gly Lys Ile Pro Asp Val Pro
 145 150 155 160

Gly Phe Ser Trp Val Thr Pro Cys Ile Ser Ala Lys Asp Ile Val Tyr
 165 170 175

Ile Gly Leu Arg Asp Val Asp Pro Gly Glu His Tyr Ile Leu Lys Thr
 180 185 190

Leu Gly Ile Lys Tyr Phe Ser Met Thr Glu Val Asp Arg Leu Gly Ile
 195 200 205

Gly Lys Val Met Glu Glu Thr Leu Ser Tyr Leu Leu Gly Arg Lys Lys
 210 215 220

Arg Pro Ile His Leu Ser Phe Asp Val Asp Gly Leu Asp Pro Ser Phe
 225 230 235 240

Thr Pro Ala Thr Gly Thr Pro Val Val Gly Gly Leu Thr Tyr Arg Glu
 245 250 255

Gly Leu Tyr Ile Thr Glu Glu Ile Tyr Lys Thr Gly Leu Leu Ser Gly
 260 265 270

Leu Asp Ile Met Glu Val Asn Pro Ser Leu Gly Lys Thr Pro Glu Glu
 275 280 285

Val Thr Arg Thr Val Asn Thr Ala Val Ala Ile Thr Leu Ala Cys Phe
 290 295 300

Gly Leu Ala Arg Glu Gly Asn His Lys Pro Ile Asp Tyr Leu Asn Pro
 305 310 315 320

Pro Lys

<210> 54
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 54

Ile Leu Lys Lys Ser Val His Ser Val Ala
 1 5 10

<210> 55
 <211> 9
 <212> PRT
 <213> Homo sapiens

<400> 55

Ile Leu Lys Lys Ser Val His Ser Val
 1 5

<210> 56
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 56

Ser Ile Leu Lys Lys Ser Val His Ser Val
 1 5 10

<210> 57
 <211> 29
 <212> PRT
 <213> Homo sapiens

<400> 57

Ser Leu Ser Arg Leu Leu Gln Thr Arg Val His Ser Ile Leu Lys Lys
 1 5 10 15

Ser Val His Ser Val Ala Val Ile Gly Ala Pro Phe Ser
 20 25

<210> 58
 <211> 30

<212> PRT
 <213> Homo sapiens

<400> 58

Ser Leu Arg Gly Ser Leu Ser Arg Leu Leu Gln Thr Arg Val His Ser
 1 5 10 15

Ile Leu Lys Lys Ser Val His Ser Val Ala Val Ile Gly Ala
 20 25 30

<210> 59
 <211> 33
 <212> PRT
 <213> Homo sapiens

<400> 59

Ser Leu Arg Gly Ser Leu Ser Arg Leu Leu Gln Thr Arg Val His Ser
 1 5 10 15

Ile Leu Lys Lys Ser Val His Ser Val Ala Val Ile Gly Ala Pro Phe
 20 25 30

Ser

<210> 60
 <211> 29
 <212> PRT
 <213> Homo sapiens

<400> 60

Phe Ser Trp Ile Lys Pro Cys Ile Ser Ser Ala Ser Ile Val Tyr Ile
 1 5 10 15

Gly Leu Arg Asp Val Asp Pro Pro Glu His Phe Ile Leu
 20 25

<210> 61
 <211> 32
 <212> PRT

<213> Homo sapiens

<400> 61

Leu Pro Gly Phe Ser Trp Ile Lys Pro Cys Ile Ser Ser Ala Ser Ile
1 5 10 15

Val Tyr Ile Gly Leu Arg Asp Val Asp Pro Pro Glu His Phe Ile Leu
20 25 30

<210> 62

<211> 22

<212> PRT

<213> Homo sapiens

<400> 62

Met Ser Leu Arg Gly Ser Leu Ser Arg Leu Leu Gln Thr Arg Val His
1 5 10 15

Ser Ile Leu Lys Lys Ser
20

<210> 63

<211> 56

<212> PRT

<213> Homo sapiens

<400> 63

Met Ser Leu Arg Gly Ser Leu Ser Arg Leu Leu Gln Thr Arg Val His
1 5 10 15

Ser Ile Leu Lys Lys Ser Val His Ser Val Ala Val Ile Gly Ala Pro
20 25 30

Phe Ser Gln Gly Gln Lys Arg Lys Gly Val Glu His Gly Pro Ala Ala
35 40 45

Ile Arg Glu Ala Gly Leu Met Lys
50 55

<210> 64
<211> 38
<212> PRT
<213> Homo sapiens

<400> 64

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

Lys	Gly	Gln	Pro	Arg	Gly	Gly	Val	Glu	Glu	Gly	Pro	Thr	Val	Leu	Arg
			20					25					30		

Lys	Ala	Gly	Leu	Leu	Glu
					35