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Arcellx, Inc.
LaFleur, David W
Hilbert, David M

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<151> 2015-04-06

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<170> PatentIn version 3.5

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Xaa	Xaa	Ile	Ala	Xaa	Phe	Glu	Xaa	Xaa	Leu	Gln	Xaa	Tyr	Lys	Gly	Lys
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Gly	Asn	Pro	Glu	Val	Glu	Ala	Leu	Arg	Lys	Glu	Ala	Ala	Ala	Ile	Arg
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Xaa	Glu	Ile	Xaa	Ala	Phe	Xaa	Xaa	Glu	Leu	Xaa	Ala	Tyr	Lys	Gly	Lys
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Gly	Asn	Pro	Glu	Val	Glu	Ala	Leu	Xaa	Xaa	Glu	Ala	Xaa	Ala	Ile	Xaa
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Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
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Xaa Glu Ile Xaa Ala Phe Xaa Xaa Glu Leu Xaa Ala Tyr Lys Gly Lys
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Xaa Xaa Ile Ala Xaa Phe Glu Xaa Xaa Leu Gln Xaa Tyr Lys Gly Lys
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          20           25           30

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Ile Ala Xaa Phe Glu Xaa Xaa Leu Gln Xaa Tyr Xaa Asn Pro Glu Val
          35           40           45

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Tyr Arg His Asn

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Ile Xaa Ala Phe Xaa Xaa Glu Leu Xaa Ala Tyr Xaa Asn Pro Glu Val
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20 25 30

Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Xaa Asn Pro Glu Val
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Ile Xaa Ala Phe Xaa Xaa Glu Leu Xaa Ala Tyr Xaa Asn Pro Glu Val
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			20					25					30		

Ile	Ala	Xaa	Phe	Glu	Xaa	Xaa	Leu	Gln	Xaa	Tyr	Xaa	Asn	Pro	Glu	Val
		35					40					45			

Glu	Ala	Leu	Xaa	Xaa	Glu	Ala	Xaa	Ala	Ile	Xaa	Xaa	Glu	Leu	Xaa	Ala
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Lys Glu Ile	Ala Ala Phe Glu Ser	Glu Leu Gln Ala Tyr	Lys Gly Lys
	35	40	45
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Arg Leu Tyr	Ala Leu Gly Gly Ser	Glu Ala Glu Leu Ala	Ala Phe Glu
	20	25	30
Lys Glu Ile	Ala Ala Phe Glu Ser	Glu Leu Gln Ala Tyr	Lys Gly Lys
	35	40	45
Gly Asn Pro	Glu Val Glu Ala Leu Arg	Ala Lys Ala Ala	Tyr Ile Arg
	50	55	60
Trp Lys Leu	Gln Ala Tyr Arg His	Asn	
65	70		

<210> 16
 <211> 73

ENC002WOSEQUENCELISTING

<212> PRT

<213> Homo sapiens

<400> 16

Met Gly Ser Trp Phe Glu Phe Asn His Arg Leu Trp Ala Ile Asn Glu
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Arg Leu Arg Ser Met Ala Ala Phe Ile Arg
50 55 60

Tyr Lys Leu Gln Ala Tyr Arg His Asn
65 70

<210> 17

<211> 73

<212> PRT

<213> Homo sapiens

<400> 17

Met Gly Ser Trp Tyr Glu Phe Gly His Arg Leu Trp Ala Ile Asp Gln
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Tyr Leu Arg Glu Thr Ala Ala His Ile Arg
50 55 60

ENC002WOSEQUENCELISTING

Thr Arg Leu Gln Ala Tyr Arg His Asn
65 70

<210> 18
<211> 73
<212> PRT
<213> Homo sapiens

<400> 18

Met Gly Ser Trp Tyr Glu Phe His Tyr Arg Leu His Ala Ile Asp Gln
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Glu Leu Arg Ile Lys Ala Ala Phe Ile Arg
50 55 60

Asp Arg Leu Gln Ala Tyr Arg His Asn
65 70

<210> 19
<211> 73
<212> PRT
<213> Homo sapiens

<400> 19

Met Gly Ser Trp Ala Glu Phe Lys Gln Arg Leu Ala Ala Ile Lys Thr
1 5 10 15

Arg Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Leu
20 25 30

Gly Glu Ile Trp Ala Phe Glu Met Glu Leu Ala Ala Tyr Lys Gly Lys
35 40 45

ENC002WOSEQUENCELISTING

Gly Asn Pro Glu Val Glu Ala Leu Gly Arg Glu Ala Ala Ala Ile Arg
 50 55 60

Met Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 20
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 20

Met Gly Ser Trp Tyr Glu Phe Asp Leu Arg Leu His Ala Ile Tyr Asp
 1 5 10 15

Arg Leu Val Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ile Leu Arg Asp Asn Ala Ala Tyr Ile Arg
 50 55 60

Gln Met Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 21
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 21

Met Gly Ser Trp Thr Glu Phe Thr Tyr Arg Leu Ser Ala Ile Glu Trp
 1 5 10 15

ENC002WOSEQUENCELISTING

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Trp Phe Glu
20 25 30

Gln Lys Ile Ala Phe Phe Glu Asp Phe Leu Gln Tyr Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Lys His Glu Ala Gly Ala Ile Leu
50 55 60

Asn Glu Leu Met Ala Tyr Arg His Asn
65 70

<210> 22
<211> 73
<212> PRT
<213> Homo sapiens

<400> 22

Met Gly Ser Trp Ala Glu Phe Asp His Arg Leu His Ala Ile Arg Glu
1 5 10 15

Arg Leu His Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ile Leu Arg Gly Asn Ala Ala Tyr Ile Arg
50 55 60

Ala Leu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 23
<211> 73
<212> PRT
<213> Homo sapiens

ENC002WOSEQUENCELISTING

<400> 23

Met Gly Ser Trp Thr Glu Phe Val Gly Arg Leu Ala Ala Ile Glu Phe
1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Trp Phe Glu
20 25 30

Ala His Ile Ala Phe Phe Glu Asp Tyr Leu Gln Trp Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Glu Glu Ala Gly Ala Ile Met
50 55 60

Glu Glu Leu Lys Ala Tyr Arg His Asn
65 70

<210> 24

<211> 73

<212> PRT

<213> Homo sapiens

<400> 24

Met Gly Ser Trp Thr Glu Phe Tyr Ser Arg Leu Glu Ala Ile Trp Val
1 5 10 15

Arg Leu Gln Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Met Phe Glu
20 25 30

Asp Arg Ile Ala His Phe Glu Trp Phe Leu Gln Gln Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu His Glu Glu Ala Ile Ala Ile Arg
50 55 60

Lys Glu Leu Ala Ala Tyr Arg His Asn
65 70

ENC002WOSEQUENCELISTING

<210> 25
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 25

Met Gly Ser Trp His Glu Phe His Asp Arg Leu Gln Ala Ile His Glu
 1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ser Leu Arg Ile Ala Ala Ala His Ile Arg
 50 55 60

Gln Val Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 26
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 26

Met Gly Ser Trp Asn Tyr Phe Lys Asp His Leu Ala Trp Ile Lys Asn
 1 5 10 15

Ser Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala His Phe Glu
 20 25 30

Thr Ala Ile Ala Ser Phe Glu Arg Gln Leu Gln Glu Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg

ENC002WOSEQUENCELISTING

50

55

60

Asp Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 27
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 27

Met Gly Ser Trp Leu Tyr Phe Lys Glu His Leu Ala His Ile Lys Ala
 1 5 10 15

Trp Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala His Phe Glu
 20 25 30

Leu Ala Ile Ala Asp Phe Glu Tyr His Leu Gln Glu Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 28
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 28

Met Gly Ser Trp Val Tyr Phe Lys Glu His Leu Ala Trp Ile Lys Thr
 1 5 10 15

Glu Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala His Phe Glu
 20 25 30

ENC002WOSEQUENCELISTING

His Ser Ile Ala Asp Phe Glu Met Ser Leu Gln Phe Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 29
<211> 73
<212> PRT
<213> Homo sapiens

<400> 29

Met Gly Ser Trp Phe Tyr Phe Lys Gln His Leu Ala Trp Ile Lys Ser
1 5 10 15

Tyr Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala His Phe Glu
20 25 30

Arg Ala Ile Ala Ala Phe Glu Gln His Leu Gln Met Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 30
<211> 73
<212> PRT
<213> Homo sapiens

<400> 30

Met Gly Ser Trp His Tyr Phe Lys Asp His Leu Ala Glu Ile Lys Gly

ENC002W0SEQUENCELISTING

1	5	10	15
Leu	Leu	Glu	Ala
	20	Leu	Gly
		Gly	Ser
		25	Glu
			Ala
			Glu
			Leu
			Ala
			His
			30
			Phe
			Glu
Met	Ala	Ile	Ala
	35	Asp	Phe
		Glu	His
		40	Asn
			Leu
			Gln
			Tyr
			45
			Tyr
			Lys
			Gly
			Lys
Gly	Asn	Pro	Glu
	50	Val	Glu
			Ala
			55
			Leu
			Arg
			Lys
			Glu
			Ala
			Ala
			Ala
			Ile
			Arg
Asp	Glu	Leu	Gln
	65	Ala	Tyr
			Arg
			His
			Asn
			70

<210> 31
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 31

Met	Gly	Ser	Trp	His	Tyr	Phe	Lys	Gly	His	Leu	Ala	Glu	Ile	Lys	Asn
1				5				10						15	
His	Leu	Glu	Ala	Leu	Gly	Gly	Ser	Glu	Ala	Glu	Leu	Ala	His	Phe	Glu
		20						25					30		
Arg	Ala	Ile	Ala	Ala	Phe	Glu	Arg	Ser	Leu	Gln	Trp	Tyr	Lys	Gly	Lys
		35					40					45			
Gly	Asn	Pro	Glu	Val	Glu	Ala	Leu	Arg	Lys	Glu	Ala	Ala	Ala	Ile	Arg
	50					55					60				
Asp	Glu	Leu	Gln	Ala	Tyr	Arg	His	Asn							
	65				70										

<210> 32
 <211> 73

ENC002WOSEQUENCELISTING

<212> PRT

<213> Homo sapiens

<400> 32

Met Gly Ser Trp Ile Tyr Phe Lys Glu His Leu Ala Tyr Ile Lys Lys
1 5 10 15

Glu Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala His Phe Glu
20 25 30

Ser Ala Ile Ala Val Phe Glu Ser Thr Leu Gln Tyr Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 33

<211> 73

<212> PRT

<213> Homo sapiens

<400> 33

Met Gly Ser Trp Thr Tyr Phe Lys Glu His Leu Ala Glu Ile Lys Tyr
1 5 10 15

Met Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala His Phe Glu
20 25 30

Val Ala Ile Ala Asp Phe Glu Lys Met Leu Gln Tyr Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

ENC002WOSEQUENCELISTING

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 34
<211> 73
<212> PRT
<213> Homo sapiens

<400> 34

Met Gly Ser Trp Trp Leu Phe Lys Asp His Leu Ala Glu Ile Lys Thr
1 5 10 15

Ala Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala His Phe Glu
20 25 30

Met Ala Ile Ala Ala Phe Glu Lys Gln Leu Gln Tyr Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 35
<211> 73
<212> PRT
<213> Homo sapiens

<400> 35

Met Gly Ser Trp Ser Glu Phe Tyr Asn Arg Leu Asp Ala Ile Glu Ser
1 5 10 15

Arg Leu Leu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Leu Phe Glu
20 25 30

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

ENC002WOSEQUENCELISTING

Gly Asn Pro Glu Val Glu Ala Leu Arg Gly Glu Ala Arg Ala Ile Phe
50 55 60

Ala Glu Leu Tyr Ala Tyr Arg His Asn
65 70

<210> 36
<211> 73
<212> PRT
<213> Homo sapiens

<400> 36

Met Gly Ser Trp Tyr Glu Phe Tyr Asn Arg Leu Tyr Ala Ile Glu Ile
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Arg Leu Arg Val Arg Ala Ala Lys Ile Arg
50 55 60

Val Ile Leu Gln Ala Tyr Arg His Asn
65 70

<210> 37
<211> 73
<212> PRT
<213> Homo sapiens

<400> 37

Met Gly Ser Trp Leu Trp Phe Lys Ile Phe Leu Ala Glu Ile Lys Tyr
1 5 10 15

ENC002WOSEQUENCELISTING

Phe Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Asp
 20 25 30

Phe Glu Ile His Ala Phe His Val Glu Leu Phe Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Val Leu Arg Glu Val Ala Ala Glu Ile Arg
 50 55 60

Trp Asp Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 38
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 38

Met Gly Ser Trp Thr Glu Phe Gln Ser Arg Leu Asp Ala Ile His Ser
 1 5 10 15

Arg Leu Arg Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Leu Leu Arg Asp Asp Ala Ala Phe Ile Arg
 50 55 60

His Phe Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 39
 <211> 73
 <212> PRT
 <213> Homo sapiens

ENC002WOSEQUENCELISTING

<400> 39

Met Gly Ser Trp Gln Glu Phe Asp Asp Arg Leu Asn Ala Ile Lys Ala
1 5 10 15

Arg Leu Gln Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Asp Leu Arg Asp Asp Ala Ala Phe Ile Arg
50 55 60

Arg Phe Leu Gln Ala Tyr Arg His Asn
65 70

<210> 40

<211> 73

<212> PRT

<213> Homo sapiens

<400> 40

Met Gly Ser Trp Tyr Glu Phe Gln Asn Arg Leu His Ala Ile His Glu
1 5 10 15

Arg Leu Asn Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Leu Leu Arg Asp Asp Ala Ala Phe Ile Arg
50 55 60

His Phe Leu Gln Ala Tyr Arg His Asn
65 70

ENC002WOSEQUENCELISTING

<210> 41
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 41

Met Gly Ser Trp Phe Glu Phe Gln Asp Arg Leu Thr Ala Ile Asn Glu
 1 5 10 15

Arg Leu Ser Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Thr Leu Arg Ser Asp Ala Ala Phe Ile Arg
 50 55 60

Arg Phe Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 42
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 42

Met Gly Ser Trp Tyr Glu Phe Glu Ser Arg Leu Asp Ala Ile His Glu
 1 5 10 15

Arg Leu His Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Asn Leu Arg Gly Asp Ala Ala Phe Ile Arg

ENC002W0SEQUENCELISTING

50

55

60

His Phe Leu Gln Ala Tyr Arg His Asn
65 70

<210> 43
<211> 73
<212> PRT
<213> Homo sapiens

<400> 43

Met Gly Ser Trp Tyr Glu Phe Asn His Arg Leu Asp Ala Ile Ser Lys
1 5 10 15

Arg Leu Asn Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Glu Leu Arg Gly Asp Ala Ala Phe Ile Arg
50 55 60

His Phe Leu Gln Ala Tyr Arg His Asn
65 70

<210> 44
<211> 73
<212> PRT
<213> Homo sapiens

<400> 44

Met Gly Ser Trp Phe Glu Phe Glu Asn Arg Leu His Ala Ile Val His
1 5 10 15

Arg Leu Gly Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

ENC002WOSEQUENCELISTING

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Thr Leu Arg Ala Asp Ala Ala Phe Ile Arg
 50 55 60

His Tyr Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 45
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 45

Met Gly Ser Trp Val Val Phe Lys Val Asp Leu Ala Thr Ile Lys Tyr
 1 5 10 15

Ile Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Glu Phe Glu
 20 25 30

Gly Glu Ile Ala Gly Phe Glu Tyr Ser Leu Gln Phe Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 46
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 46

Met Gly Ser Trp Thr Ile Phe Lys Glu Trp Leu Ala Phe Ile Lys Thr

ENC002WOSEQUENCELISTING

1 5 10 15
 Asp Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Phe Phe Glu
 20 25 30
 Gly Trp Ile Ala Ser Phe Glu Met Glu Leu Gln Lys Tyr Lys Gly Lys
 35 40 45
 Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60
 Asp Glu Leu Gln Ala Tyr Arg His Asn
 65 70
 <210> 47
 <211> 73
 <212> PRT
 <213> Homo sapiens
 <400> 47
 Met Gly Ser Trp Val Met Phe Lys Trp Leu Leu Ala Asp Ile Lys Ser
 1 5 10 15
 His Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Phe Phe Glu
 20 25 30
 Gly Phe Ile Ala Ala Phe Glu Thr His Leu Gln Val Tyr Lys Gly Lys
 35 40 45
 Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60
 Asp Glu Leu Gln Ala Tyr Arg His Asn
 65 70
 <210> 48
 <211> 73

ENC002WOSEQUENCELISTING

<212> PRT

<213> Homo sapiens

<400> 48

Met Gly Ser Trp Tyr Ala Phe Lys Asp Tyr Leu Ala Asp Ile Lys Gly
1 5 10 15

Trp Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Phe Phe Glu
20 25 30

Ile Phe Ile Ala Arg Phe Glu Leu Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 49

<211> 73

<212> PRT

<213> Homo sapiens

<400> 49

Met Gly Ser Trp Ala Glu Phe Lys Gln Arg Leu Ala Ala Ile Lys Thr
1 5 10 15

Arg Leu Gln Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

ENC002W0SEQUENCELISTING

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 50
<211> 9
<212> PRT
<213> Homo sapiens

<400> 50

Leu Ala Ala Ile Lys Thr Arg Leu Gln
1 5

<210> 51
<211> 84
<212> PRT
<213> Homo sapiens

<400> 51

Met Gly Ser Trp Val Glu Phe Gly His Arg Leu Trp Ala Ile Asp Gln
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Lys Leu Arg Gln Arg Ala Ala Phe Ile Arg
50 55 60

Phe Arg Leu Gln Ala Tyr Arg His Asn Gly Gly Gly Gly Ser His His
65 70 75 80

His His His His

<210> 52
<211> 84

ENC002WOSEQUENCELISTING

<212> PRT

<213> Homo sapiens

<400> 52

Met Gly Ser Trp Val Glu Phe Ala Asn Arg Leu Trp Ala Ile Asp Gln
1 5 10 15

Arg Leu Phe Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu His Leu Arg Asp Gln Ala Ala Phe Ile Arg
50 55 60

His Lys Leu Gln Ala Tyr Arg His Asn Gly Gly Gly Gly Ser His His
65 70 75 80

His His His His

<210> 53

<211> 84

<212> PRT

<213> Homo sapiens

<400> 53

Met Gly Ser Trp Tyr Glu Phe Arg His Arg Leu Trp Ala Ile Asp Gln
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

ENC002WOSEQUENCELISTING

Gly Asn Pro Glu Val Glu Gly Leu Arg Glu Ala Ala Ala Phe Ile Arg
50 55 60

Ala Lys Leu Gln Ala Tyr Arg His Asn Gly Gly Gly Gly Ser His His
65 70 75 80

His His His His

<210> 54
<211> 84
<212> PRT
<213> Homo sapiens

<400> 54

Met Gly Ser Trp Tyr Glu Phe Ser Met Arg Leu Trp Ala Ile Asp Gln
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Ala Lys Ala Ala Tyr Ile Arg
50 55 60

Trp Lys Leu Gln Ala Tyr Arg His Asn Gly Gly Gly Gly Ser His His
65 70 75 80

His His His His

<210> 55
<211> 84
<212> PRT
<213> Homo sapiens

ENC002WOSEQUENCELISTING

<400> 55

Met Gly Ser Trp Phe Glu Phe Asn His Arg Leu Trp Ala Ile Asn Glu
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Arg Leu Arg Ser Met Ala Ala Phe Ile Arg
50 55 60

Tyr Lys Leu Gln Ala Tyr Arg His Asn Gly Gly Gly Gly Ser His His
65 70 75 80

His His His His

<210> 56

<211> 84

<212> PRT

<213> Homo sapiens

<400> 56

Met Gly Ser Trp Tyr Glu Phe Gly His Arg Leu Trp Ala Ile Asp Gln
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Tyr Leu Arg Glu Thr Ala Ala His Ile Arg
50 55 60

ENC002WOSEQUENCELISTING

Thr Arg Leu Gln Ala Tyr Arg His Asn Gly Gly Gly Gly Ser His His
65 70 75 80

His His His His

<210> 57
<211> 84
<212> PRT
<213> Homo sapiens

<400> 57

Met Gly Ser Trp Tyr Glu Phe His Tyr Arg Leu His Ala Ile Asp Gln
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Glu Leu Arg Ile Lys Ala Ala Phe Ile Arg
50 55 60

Asp Arg Leu Gln Ala Tyr Arg His Asn Gly Gly Gly Gly Ser His His
65 70 75 80

His His His His

<210> 58
<211> 84
<212> PRT
<213> Homo sapiens

<400> 58

Met Gly Ser Trp Ala Glu Phe Lys Gln Arg Leu Ala Ala Ile Lys Thr

ENC002W0SEQUENCELISTING

1	5	10	15
Arg Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Leu	20	25	30
Gly Glu Ile Trp Ala Phe Glu Met Glu Leu Ala Ala Tyr Lys Gly Lys	35	40	45
Gly Asn Pro Glu Val Glu Ala Leu Gly Arg Glu Ala Ala Ala Ile Arg	50	55	60
Met Glu Leu Gln Ala Tyr Arg His Asn Gly Gly Gly Gly Ser His His	65	70	75
His His His His			

<210> 59
 <211> 406
 <212> PRT
 <213> Homo sapiens

<400> 59

Leu Gln Asp Pro Cys Ser Asn Cys Pro Ala Gly Thr Phe Cys Asp Asn	1	5	10	15
Asn Arg Asn Gln Ile Cys Ser Pro Cys Pro Pro Asn Ser Phe Ser Ser	20	25	30	
Ala Gly Gly Gln Arg Thr Cys Asp Ile Cys Arg Gln Cys Lys Gly Val	35	40	45	
Phe Arg Thr Arg Lys Glu Cys Ser Ser Thr Ser Asn Ala Glu Cys Asp	50	55	60	
Cys Thr Pro Gly Phe His Cys Leu Gly Ala Gly Cys Ser Met Cys Glu	65	70	75	80

ENC002WOSEQUENCELISTING

Gln Asp Cys Lys Gln Gly Gln Glu Leu Thr Lys Lys Gly Cys Lys Asp
85 90 95

Cys Cys Phe Gly Thr Phe Asn Asp Gln Lys Arg Gly Ile Cys Arg Pro
100 105 110

Trp Thr Asn Cys Ser Leu Asp Gly Lys Ser Val Leu Val Asn Gly Thr
115 120 125

Lys Glu Arg Asp Val Val Cys Gly Pro Ser Pro Ala Asp Leu Ser Pro
130 135 140

Gly Ala Ser Ser Val Thr Pro Pro Ala Pro Ala Arg Glu Pro Gly His
145 150 155 160

Ser Pro Gln Asp Ile Glu Gly Arg Met Asp Lys Ser Cys Asp Lys Thr
165 170 175

His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser
180 185 190

Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg
195 200 205

Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu Asp Pro
210 215 220

Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala
225 230 235 240

Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val
245 250 255

Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr
260 265 270

ENC002WOSEQUENCELISTING

Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr
275 280 285

Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu
290 295 300

Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys
305 310 315 320

Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser
325 330 335

Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp
340 345 350

Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser
355 360 365

Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala
370 375 380

Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
385 390 395 400

His His His His His His
405

<210> 60
<211> 73
<212> PRT
<213> Homo sapiens

<400> 60

Met Gly Ser Trp Ile Glu Phe Glu Asp Arg Leu Asp Ala Ile Thr Asp
1 5 10 15

ENC002WOSEQUENCELISTING

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Glu Phe Glu
20 25 30

His Gln Ile Ala Phe Phe Glu Glu Asp Leu Gln Trp Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu His Met Glu Ala Glu Ala Ile Met
50 55 60

Glu Glu Leu Gly Ala Tyr Arg His Asn
65 70

<210> 61
<211> 73
<212> PRT
<213> Homo sapiens

<400> 61

Met Gly Ser Trp Val Glu Phe Glu Tyr Arg Leu Asp Ala Ile Ser Asp
1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Phe Phe Glu
20 25 30

Asn Glu Ile Ala Ser Phe Glu Ser Asp Leu Gln Phe Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Met Phe Glu Ala Glu Ala Ile Asp
50 55 60

Asp Glu Leu His Ala Tyr Arg His Asn
65 70

<210> 62
<211> 73
<212> PRT
<213> Homo sapiens

ENC002WOSEQUENCELISTING

<400> 62

Met Gly Ser Trp Tyr Glu Phe Glu Asp Arg Leu Ala Ala Ile Glu Ala
1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Asp Phe Glu
20 25 30

Glu Glu Ile Ala Tyr Phe Glu His Gly Leu Gln Trp Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Glu Ser Glu Ala Met Ala Ile Ile
50 55 60

Asp Glu Leu His Ala Tyr Arg His Asn
65 70

<210> 63

<211> 73

<212> PRT

<213> Homo sapiens

<400> 63

Met Gly Ser Trp Tyr Glu Phe Glu Glu Arg Leu Asp Ala Ile Glu Asp
1 5 10 15

Arg Leu Ile Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ile Phe Glu
20 25 30

Asp Ile Ile Ala Phe Phe Glu Gln Asp Leu Gln Tyr Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Glu Met Glu Ala Glu Ala Ile Ser
50 55 60

Ile Glu Leu Asp Ala Tyr Arg His Asn
65 70

ENC002WOSEQUENCELISTING

<210> 64
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 64

Met Gly Ser Trp Trp Glu Phe Glu Asp Arg Leu Trp Ala Ile Asp Arg
 1 5 10 15

Arg Leu Met Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Val Phe Glu
 20 25 30

Gln Met Ile Ala His Phe Glu Gln Ile Leu Gln Val Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu His Phe Glu Ala His Ala Ile Gly
 50 55 60

Met Glu Leu Ala Ala Tyr Arg His Asn
 65 70

<210> 65
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 65

Met Gly Ser Trp Glu Glu Phe His Glu Arg Leu Asp Ala Ile Asp Glu
 1 5 10 15

Arg Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Phe Phe Glu
 20 25 30

Asp Asp Ile Ala Ser Phe Glu Asp Trp Leu Gln Trp Tyr Lys Gly Lys
 35 40 45

ENC002W0SEQUENCELISTING

Gly Asn Pro Glu Val Glu Ala Leu Ser Arg Glu Ala Asp Ala Ile Asn
 50 55 60

Phe Glu Leu Glu Ala Tyr Arg His Asn
 65 70

<210> 66
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 66

Met Gly Ser Trp Glu Glu Phe Asp Lys Arg Leu Asp Ala Ile Thr Arg
 1 5 10 15

Arg Leu Met Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Glu Phe Glu
 20 25 30

Ser Thr Ile Ala Trp Phe Glu Trp Asp Leu Gln Glu Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Asp Trp Glu Ala Tyr Ala Ile Asp
 50 55 60

Tyr Glu Leu Gly Ala Tyr Arg His Asn
 65 70

<210> 67
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 67

Met Gly Ser Trp Ser Glu Phe Val Asp Arg Leu Asp Ala Ile Phe Asp
 1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Trp Phe Glu
 20 25 30

ENC002WOSEQUENCELISTING

Asp Thr Ile Ala His Phe Glu Trp Asn Leu Gln Glu Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Asn Gly Glu Ala Asp Ala Ile Thr
 50 55 60

Asp Glu Leu His Ala Tyr Arg His Asn
 65 70

<210> 68
 <211> 73
 <212> PRT
 <213> Homo sapiens
 <400> 68

Met Gly Ser Trp Trp Glu Phe Thr Asp Arg Leu Asp Ala Ile Phe Asp
 1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Glu Ser Ile Ala Ile Phe Glu Gln Asp Leu Gln Tyr Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Glu Tyr Glu Ala Asn Ala Ile Gln
 50 55 60

Tyr Glu Leu Glu Ala Tyr Arg His Asn
 65 70

<210> 69
 <211> 73
 <212> PRT
 <213> Homo sapiens
 <400> 69

ENC002W0SEQUENCELISTING

Met Gly Ser Trp Trp Glu Phe Thr Asp Arg Leu Glu Ala Ile Glu Asp
1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala His Phe Glu
20 25 30

Asp Ser Ile Ala Gln Phe Glu Gln Glu Leu Gln Trp Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Ala Asp Glu Ala Asp Ala Ile Glu
50 55 60

Ser Glu Leu His Ala Tyr Arg His Asn
65 70

<210> 70
<211> 73
<212> PRT
<213> Homo sapiens

<400> 70

Met Gly Ser Trp Glu Trp Phe Lys Ser Asp Leu Ala Ser Ile Lys Trp
1 5 10 15

Glu Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Trp Phe Glu
20 25 30

His Asp Ile Ala Glu Phe Glu Glu Asp Leu Gln Trp Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 71

ENC002WOSEQUENCELISTING

<211> 73
 <212> PRT
 <213> Homo sapiens

<400> 71

Met Gly Ser Trp Asp His Phe Lys Asn Asp Leu Ala Trp Ile Lys Lys
 1 5 10 15

His Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Glu Phe Glu
 20 25 30

Ala Val Ile Ala Tyr Phe Glu Leu Tyr Leu Gln Gly Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 72
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 72

Met Gly Ser Trp Glu Phe Phe Lys Glu Val Leu Ala Glu Ile Lys Tyr
 1 5 10 15

Asp Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Trp Phe Glu
 20 25 30

Thr Asp Ile Ala Gly Phe Glu Ile Asp Leu Gln Val Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60

ENC002WOSEQUENCELISTING

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 73
<211> 73
<212> PRT
<213> Homo sapiens

<400> 73

Met Gly Ser Trp Tyr Asp Phe Lys Glu Asp Leu Ala Asp Ile Lys Trp
1 5 10 15

Met Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Glu Phe Glu
20 25 30

Asn Val Ile Ala Tyr Phe Glu Asn Asp Leu Gln Glu Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 74
<211> 73
<212> PRT
<213> Homo sapiens

<400> 74

Met Gly Ser Trp Ser Phe Phe Lys Asp Asp Leu Ala Glu Ile Lys Tyr
1 5 10 15

Phe Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Met Phe Glu
20 25 30

Gln Thr Ile Ala Glu Phe Glu Tyr Asp Leu Gln Asp Tyr Lys Gly Lys

ENC002WOSEQUENCELISTING

35

40

45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 75
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 75

Met Gly Ser Trp Val Thr Phe Lys Asp Glu Leu Ala Asp Ile Lys Asp
 1 5 10 15

Phe Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Phe Phe Glu
 20 25 30

Val Asp Ile Ala Glu Phe Glu Ala Glu Leu Gln Phe Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 76
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 76

Met Gly Ser Trp Ser Trp Phe Lys Glu Asp Leu Ala Asp Ile Lys Phe
 1 5 10 15

ENC002WOSEQUENCELISTING

Glu Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Trp Phe Glu
20 25 30

Leu Asp Ile Ala Asp Phe Glu Gln Ala Leu Gln Gln Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 77
<211> 73
<212> PRT
<213> Homo sapiens

<400> 77

Met Gly Ser Trp Trp Glu Phe Lys Glu Asp Leu Ala Glu Ile Lys Trp
1 5 10 15

Phe Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Trp Phe Glu
20 25 30

His Asp Ile Ala Lys Phe Glu Phe Glu Leu Gln Tyr Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 78
<211> 73
<212> PRT
<213> Homo sapiens

ENC002WOSEQUENCELISTING

<400> 78

Met Gly Ser Trp Asp Glu Phe Lys Glu Asp Leu Ala His Ile Lys Thr
1 5 10 15

Asp Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Leu Phe Glu
20 25 30

Asp Glu Ile Ala Asp Phe Glu Met Tyr Leu Gln His Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 79

<211> 73

<212> PRT

<213> Homo sapiens

<400> 79

Met Gly Ser Trp Phe Met Phe Lys Glu Glu Leu Ala Asp Ile Lys Asp
1 5 10 15

Trp Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ser Phe Glu
20 25 30

Ser Tyr Ile Ala Trp Phe Glu Gln Asp Leu Gln Trp Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

ENC002WOSEQUENCELISTING

<210> 80
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 80

Met Gly Ser Trp Gln Ile Phe Lys Gly Glu Leu Ala Tyr Ile Lys Gln
 1 5 10 15

Tyr Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Phe Phe Glu
 20 25 30

Phe Asp Ile Ala Glu Phe Glu Glu Asp Leu Gln Tyr Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 81
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 81

Met Gly Ser Trp Tyr Ile Phe Lys Glu Asp Leu Ala Glu Ile Lys Glu
 1 5 10 15

Glu Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Tyr Phe Glu
 20 25 30

Glu Glu Ile Ala Leu Phe Glu Met Glu Leu Gln Trp Tyr Lys Gly Lys
 35 40 45

ENC002W0SEQUENCELISTING

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 82
<211> 73
<212> PRT
<213> Homo sapiens

<400> 82

Met Gly Ser Trp Tyr Tyr Phe Lys Asp Glu Leu Ala Asp Ile Lys Trp
1 5 10 15

Asp Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Trp Phe Glu
20 25 30

Met Leu Ile Ala Gln Phe Glu Leu Asp Leu Gln Trp Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 83
<211> 73
<212> PRT
<213> Homo sapiens

<400> 83

Met Gly Ser Trp Phe Asn Phe Lys Glu Glu Leu Ala Val Ile Lys Phe
1 5 10 15

Gln Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Phe Phe Glu
20 25 30

ENC002WOSEQUENCELISTING

Trp Val Ile Ala Asp Phe Glu Asp Asp Leu Gln Glu Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 84
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 84

Met Gly Ser Trp Tyr Met Phe Lys Glu Glu Leu Ala Asp Ile Lys Trp
 1 5 10 15

Tyr Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Trp Phe Glu
 20 25 30

Asp Asp Ile Ala Gly Phe Glu Trp Asp Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 85
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 85

ENC002W0SEQUENCELISTING

Met Gly Ser Trp His Val Phe Lys Thr Glu Leu Ala Asp Ile Lys Phe
1 5 10 15

Tyr Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Met Phe Glu
20 25 30

Leu Trp Ile Ala Glu Phe Glu His Glu Leu Gln Asp Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 86
<211> 73
<212> PRT
<213> Homo sapiens

<400> 86

Met Gly Ser Trp Tyr Val Phe Lys Asp Glu Leu Ala Glu Ile Lys Gln
1 5 10 15

Phe Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Trp Phe Glu
20 25 30

Asp Asp Ile Ala Glu Phe Glu Thr Gln Leu Gln His Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 87

ENC002WOSEQUENCELISTING

<211> 73
 <212> PRT
 <213> Homo sapiens

<400> 87

Met Gly Ser Trp Thr Glu Phe Lys Gly Glu Leu Ala Glu Ile Lys Trp
 1 5 10 15

Ile Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Phe Phe Glu
 20 25 30

Asp Glu Ile Ala Ala Phe Glu Trp Asp Leu Gln Lys Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 88
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 88

Met Gly Ser Trp Phe Trp Phe Lys Glu Asp Leu Ala Phe Ile Lys Glu
 1 5 10 15

Asp Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Trp Phe Glu
 20 25 30

Asp Gly Ile Ala Phe Phe Glu Trp Asp Leu Gln Asp Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60

ENC002WOSEQUENCELISTING

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 89
<211> 73
<212> PRT
<213> Homo sapiens

<400> 89

Met Gly Ser Trp Ser Trp Phe Lys Glu Asp Leu Ala Ser Ile Lys Ala
1 5 10 15

Val Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Phe Phe Glu
20 25 30

Ser Asp Ile Ala Glu Phe Glu Gln Glu Leu Gln Tyr Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 90
<211> 73
<212> PRT
<213> Homo sapiens

<400> 90

Met Gly Ser Trp Ile Leu Phe Lys Asp Asp Leu Ala Trp Ile Lys Glu
1 5 10 15

Thr Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Phe Phe Glu
20 25 30

Asp Asn Ile Ala Asp Phe Glu Glu Gln Leu Gln Gly Tyr Lys Gly Lys

ENC002WOSEQUENCELISTING

35

40

45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 91
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 91

Met Gly Ser Trp Gln Trp Phe Lys Asp Asp Leu Ala Tyr Ile Lys Glu
 1 5 10 15

Thr Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Leu Phe Glu
 20 25 30

Asp Met Ile Ala Asp Phe Glu Phe Glu Leu Gln Trp Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 92
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 92

Met Gly Ser Trp Glu Glu Phe His Ser Arg Leu Asp Ala Ile Asp Asp
 1 5 10 15

ENC002WOSEQUENCELISTING

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Trp Leu Arg Trp Glu Ala Ala Thr Ile Arg
50 55 60

Glu Thr Leu Gln Ala Tyr Arg His Asn
65 70

<210> 93
<211> 73
<212> PRT
<213> Homo sapiens

<400> 93

Met Gly Ser Trp Ser Glu Phe Trp Gln Arg Leu Glu Ala Ile Glu Asp
1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Trp Leu Arg Glu Asn Ala Ala Met Ile Arg
50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 94
<211> 73
<212> PRT
<213> Homo sapiens

ENC002WOSEQUENCELISTING

<400> 94

Met Gly Ser Trp Thr Glu Phe Ala Trp Arg Leu Asp Ala Ile Tyr Asp
1 5 10 15

Arg Leu Leu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Trp Leu Arg His Val Ala Ala Asn Ile Arg
50 55 60

Arg Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 95

<211> 73

<212> PRT

<213> Homo sapiens

<400> 95

Met Gly Ser Trp Asp Glu Phe Tyr Tyr Arg Leu Glu Ala Ile Glu Met
1 5 10 15

Arg Leu Gly Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Glu Leu Arg His Tyr Ala Ala Gln Ile Arg
50 55 60

His Met Leu Gln Ala Tyr Arg His Asn
65 70

ENC002WOSEQUENCELISTING

<210> 96
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 96

Met Gly Ser Trp Ile Glu Phe Asn Met Arg Leu Asp Ala Ile Tyr Glu
 1 5 10 15

Arg Leu Val Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Trp Leu Arg Lys Val Ala Ala Asn Ile Arg
 50 55 60

Leu Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 97
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 97

Met Gly Ser Trp Ser Glu Phe Asn Met Arg Leu Asp Ala Ile Tyr Glu
 1 5 10 15

Arg Leu Thr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

ENC002W0SEQUENCELISTING

Gly Asn Pro Glu Val Glu Trp Leu Arg His Ser Ala Ala Arg Ile Arg
50 55 60

Leu Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 98
<211> 73
<212> PRT
<213> Homo sapiens

<400> 98

Met Gly Ser Trp Val Glu Phe Asn Ile Arg Leu Asp Ala Ile Tyr Glu
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Lys Leu Arg His Trp Ala Ala Ser Ile Arg
50 55 60

Arg Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 99
<211> 73
<212> PRT
<213> Homo sapiens

<400> 99

Met Gly Ser Trp Asp Glu Phe Gly Arg Arg Leu Tyr Ala Ile Glu Trp
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

ENC002WOSEQUENCELISTING

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Lys Leu Arg Glu Ile Ala Ala Val Ile Arg
 50 55 60

Ser Asn Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 100
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 100

Met Gly Ser Trp Ile Glu Phe Tyr Asp Arg Leu Glu Ala Ile Tyr Asp
 1 5 10 15

Arg Leu Asp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Trp Leu Arg Glu Asp Ala Ala Phe Ile Arg
 50 55 60

Ser Trp Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 101
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 101

ENC002W0SEQUENCELISTING

Met Gly Ser Trp Thr Glu Phe Asp Arg Arg Leu Asp Ala Ile Trp Asp
1 5 10 15

Arg Leu Phe Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Trp Leu Arg Glu Glu Ala Ala Asp Ile Arg
50 55 60

Asp Tyr Leu Gln Ala Tyr Arg His Asn
65 70

<210> 102
<211> 73
<212> PRT
<213> Homo sapiens

<400> 102

Met Gly Ser Trp Thr Glu Phe Asp Arg Arg Leu Asp Ala Ile Trp Asp
1 5 10 15

Arg Leu Phe Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Trp Leu Arg Glu Glu Ala Ala Asp Ile Arg
50 55 60

Asp Tyr Leu Gln Ala Tyr Arg His Asn
65 70

<210> 103

ENC002WOSEQUENCELISTING

<211> 73
 <212> PRT
 <213> Homo sapiens

<400> 103

Met Gly Ser Trp Ile Glu Phe Glu Val Arg Leu Asp Ala Ile Tyr Asn
 1 5 10 15

Arg Leu Ala Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Arg Leu Arg Arg Tyr Ala Ala Asn Ile Arg
 50 55 60

His Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 104
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 104

Met Gly Ser Trp Thr Glu Phe His Asp Arg Leu Glu Ala Ile Asp Asp
 1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Tyr Leu Arg Glu Glu Ala Ala Gln Ile Arg
 50 55 60

ENC002WOSEQUENCELISTING

Trp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 105
<211> 73
<212> PRT
<213> Homo sapiens

<400> 105

Met Gly Ser Trp Tyr Glu Phe His His Arg Leu Asp Ala Ile Tyr Glu
1 5 10 15

Arg Leu Leu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Trp Leu Arg Ser Ser Ala Ala Asn Ile Arg
50 55 60

Lys Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 106
<211> 73
<212> PRT
<213> Homo sapiens

<400> 106

Met Gly Ser Trp His Glu Phe Asp Gln Arg Leu Trp Ala Ile Glu Glu
1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys

ENC002WOSEQUENCELISTING

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Gly Asn Pro Glu Val Glu Thr Leu Arg Leu Tyr Ala Ala Leu Ile Arg
50 55 60

His Asp Leu Gln Ala Tyr Arg His Asn
65 70

<210> 107

<211> 73

<212> PRT

<213> Homo sapiens

<400> 107

Met Gly Ser Trp Ile Glu Phe Glu Ser Arg Leu Trp Ala Ile Glu Asp
1 5 10 15

Arg Leu Leu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Phe Leu Arg Leu Glu Ala Ala Asp Ile Arg
50 55 60

Glu Asp Leu Gln Ala Tyr Arg His Asn
65 70

<210> 108

<211> 73

<212> PRT

<213> Homo sapiens

<400> 108

Met Gly Ser Trp Tyr Glu Phe Glu Asn Arg Leu Gly Ala Ile Gly Asp
1 5 10 15

ENC002WOSEQUENCELISTING

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Trp Leu Arg Asp Glu Ala Ala Tyr Ile Arg
50 55 60

Ala Val Leu Gln Ala Tyr Arg His Asn
65 70

<210> 109
<211> 73
<212> PRT
<213> Homo sapiens

<400> 109

Met Gly Ser Trp Asn Glu Phe Tyr Asp Arg Leu Ser Ala Ile Tyr Phe
1 5 10 15

Arg Leu Gln Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu His Leu Arg Trp Tyr Ala Ala Asp Ile Arg
50 55 60

Met Ile Leu Gln Ala Tyr Arg His Asn
65 70

<210> 110
<211> 73
<212> PRT
<213> Homo sapiens

ENC002WOSEQUENCELISTING

<400> 110

Met Gly Ser Trp Tyr Glu Phe Glu Tyr Arg Leu Glu Ala Ile Glu Asp
1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Tyr Leu Arg Glu Glu Ala Ala Trp Ile Arg
50 55 60

Val Trp Leu Gln Ala Tyr Arg His Asn
65 70

<210> 111

<211> 73

<212> PRT

<213> Homo sapiens

<400> 111

Met Gly Ser Trp Val Glu Phe Glu Asn Arg Leu Glu Ala Ile Glu Asn
1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Trp Leu Arg Glu Asp Ala Ala Gln Ile Arg
50 55 60

Met Met Leu Gln Ala Tyr Arg His Asn
65 70

ENC002WOSEQUENCELISTING

<210> 112
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 112

Met Gly Ser Trp Tyr Glu Phe Trp Asp Arg Leu Glu Ala Ile Asp Asp
 1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Gln Glu Ala Ala Trp Ile Arg
 50 55 60

Glu Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 113
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 113

Met Gly Ser Trp Phe Glu Phe Trp Asp Arg Leu Asp Ala Ile Glu Asp
 1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

ENC002W0SEQUENCELISTING

Gly Asn Pro Glu Val Glu Glu Leu Arg Asp Glu Ala Ala Trp Ile Arg
 50 55 60

Gly Thr Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 114
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 114

Met Gly Ser Trp Thr Glu Phe Asp Arg Arg Leu Asp Ala Ile Trp Asp
 1 5 10 15

Arg Leu Phe Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Trp Leu Arg Glu Glu Ala Ala Asp Ile Arg
 50 55 60

Asp Tyr Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 115
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 115

Met Gly Ser Trp Trp Glu Phe Glu Met Arg Leu Glu Ala Ile Glu Asp
 1 5 10 15

Arg Leu Phe Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

ENC002WOSEQUENCELISTING

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ser Leu Arg Trp Glu Ala Ala Phe Ile Arg
 50 55 60

Asp Ile Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 116
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 116

Met Gly Ser Trp Val Glu Phe Tyr Asp Arg Leu His Ala Ile Tyr Phe
 1 5 10 15

Arg Leu Leu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Asp Leu Arg Trp Tyr Ala Ala Asp Ile Arg
 50 55 60

Leu Val Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 117
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 117

ENC002W0SEQUENCELISTING

Met Gly Ser Trp Tyr Glu Phe Tyr Asn Arg Leu Ser Ala Ile Tyr Ala
1 5 10 15

Arg Leu Gln Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Asp Leu Arg Trp Tyr Ala Ala Asp Ile Arg
50 55 60

Tyr Met Leu Gln Ala Tyr Arg His Asn
65 70

<210> 118
<211> 73
<212> PRT
<213> Homo sapiens

<400> 118

Met Gly Ser Trp Phe Glu Phe Trp Gly Arg Leu Glu Ala Ile Glu Ser
1 5 10 15

Arg Leu Lys Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Glu Leu Arg Glu His Ala Ala Trp Ile Arg
50 55 60

Ala Tyr Leu Gln Ala Tyr Arg His Asn
65 70

<210> 119

ENC002WOSEQUENCELISTING

<211> 73
 <212> PRT
 <213> Homo sapiens

<400> 119

Met Gly Ser Trp Thr Glu Phe Ser Ile Arg Leu Glu Ala Ile Tyr Asp
 1 5 10 15

Arg Leu Val Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Val Leu Arg Thr Tyr Ala Ala Asn Ile Arg
 50 55 60

His Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 120
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 120

Met Gly Ser Trp Tyr Glu Phe Glu Asn Arg Leu Glu Ala Ile Glu Glu
 1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Met Leu Arg Glu Glu Ala Ala Phe Ile Arg
 50 55 60

ENC002WOSEQUENCELISTING

Asp Trp Leu Gln Ala Tyr Arg His Asn
65 70

<210> 121
<211> 73
<212> PRT
<213> Homo sapiens

<400> 121

Met Gly Ser Trp Tyr Glu Phe Val Ile Arg Leu Glu Ala Ile Glu Asp
1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Val Leu Arg Trp Tyr Ala Ala Asp Ile Arg
50 55 60

His Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 122
<211> 73
<212> PRT
<213> Homo sapiens

<400> 122

Met Gly Ser Trp Ile Glu Phe Glu Asp Arg Leu Glu Ala Ile Glu Asp
1 5 10 15

Arg Leu Phe Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys

ENC002WOSEQUENCELISTING

35

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Gly Asn Pro Glu Val Glu Trp Leu Arg Gln Glu Ala Ala Glu Ile Arg
 50 55 60

Leu Met Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 123
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 123

Met Gly Ser Trp Thr Glu Phe Asn Leu Arg Leu Asp Ala Ile Tyr Asp
 1 5 10 15

Arg Leu Met Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Trp Leu Arg Ala Ser Ala Ala Ala Ile Arg
 50 55 60

Val Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 124
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 124

Met Gly Ser Trp Ser Glu Phe Tyr Leu Arg Leu Asp Ala Ile Tyr Asp
 1 5 10 15

ENC002WOSEQUENCELISTING

Arg Leu Asp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Trp Leu Arg Lys Thr Ala Ala Asn Ile Arg
50 55 60

Glu Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 125
<211> 73
<212> PRT
<213> Homo sapiens

<400> 125

Met Gly Ser Trp Ser Glu Phe His Val Arg Leu Asp Ala Ile Tyr Ala
1 5 10 15

Arg Leu Asp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Arg Leu Arg Glu Trp Ala Ala Asn Ile Arg
50 55 60

Arg Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 126
<211> 73
<212> PRT
<213> Homo sapiens

ENC002WOSEQUENCELISTING

<400> 126

Met Gly Ser Trp His Glu Phe Gly Val Arg Leu Asp Ala Ile Tyr Asp
1 5 10 15

Arg Leu Met Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Phe Leu Arg Gln Ala Ala Ala Asn Ile Arg
50 55 60

Ser Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 127

<211> 73

<212> PRT

<213> Homo sapiens

<400> 127

Met Gly Ser Trp Tyr Glu Phe Ser Met Arg Leu Asp Ala Ile Tyr Asp
1 5 10 15

Arg Leu Met Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Gln Leu Arg Gly Tyr Ala Ala Asn Ile Arg
50 55 60

Asn Glu Leu Gln Ala Tyr Arg His Asn
65 70

ENC002WOSEQUENCELISTING

<210> 128
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 128

Met Gly Ser Trp Asp Glu Phe Gly Arg Arg Leu Tyr Ala Ile Glu Trp
 1 5 10 15

Gln Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Lys Leu Arg Glu Ile Ala Ala Val Ile Arg
 50 55 60

Ser Asn Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 129
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 129

Met Gly Ser Trp Asp Glu Phe Gly Arg Arg Leu Tyr Ala Ile Glu Trp
 1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Glu Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

ENC002W0SEQUENCELISTING

Gly Asn Pro Glu Val Glu Lys Leu Arg Glu Ile Ala Ala Val Ile Arg
 50 55 60

Ser Asn Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 130
 <211> 73
 <212> PRT
 <213> Homo sapiens
 <400> 130

Met Gly Ser Trp Asp Glu Phe Gly Arg Arg Leu Tyr Ala Ile Glu Trp
 1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Lys Leu Arg Glu Ile Ala Ala Val Ile Arg
 50 55 60

Glu Asn Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 131
 <211> 73
 <212> PRT
 <213> Homo sapiens
 <400> 131

Met Gly Ser Trp Asp Glu Phe Gly Arg Arg Leu Tyr Ala Ile Glu Trp
 1 5 10 15

Gln Leu Tyr Ala Leu Gly Gly Glu Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

ENC002WOSEQUENCELISTING

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Lys Leu Arg Glu Ile Ala Ala Val Ile Arg
 50 55 60

Ser Asn Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 132
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 132

Met Gly Ser Trp Asp Glu Phe Gly Arg Arg Leu Tyr Ala Ile Glu Trp
 1 5 10 15

Gln Leu Tyr Ala Leu Gly Gly Thr Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Lys Leu Arg Glu Ile Ala Ala Val Ile Arg
 50 55 60

Ser Asn Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 133
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 133

ENC002W0SEQUENCELISTING

Met Gly Ser Trp Asp Glu Phe Gly Arg Arg Leu Tyr Ala Ile Glu Trp
1 5 10 15

Gln Leu Tyr Ala Leu Gly Gly Gly Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Lys Leu Arg Glu Ile Ala Ala Val Ile Arg
50 55 60

Ser Asn Leu Gln Ala Tyr Arg His Asn
65 70

<210> 134
<211> 73
<212> PRT
<213> Homo sapiens

<400> 134

Met Gly Ser Trp Asp Glu Phe Gly Arg Arg Leu Tyr Ala Ile Glu Trp
1 5 10 15

Gln Leu Tyr Ala Leu Gly Gly Glu Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Lys Leu Arg Glu Ile Ala Ala Val Ile Arg
50 55 60

Glu Asn Leu Gln Ala Tyr Arg His Asn
65 70

<210> 135

ENC002WOSEQUENCELISTING

<211> 73
 <212> PRT
 <213> Homo sapiens

<400> 135

Met Gly Ser Trp Asp Glu Phe Gly Arg Arg Leu Tyr Ala Ile Glu Trp
 1 5 10 15

Gln Leu Tyr Ala Leu Gly Gly Thr Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Lys Leu Arg Glu Ile Ala Ala Val Ile Arg
 50 55 60

Glu Asn Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 136
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 136

Met Gly Ser Trp Asp Glu Phe Gly Arg Arg Leu Tyr Ala Ile Glu Trp
 1 5 10 15

Gln Leu Tyr Ala Leu Gly Gly Gly Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Lys Leu Arg Glu Ile Ala Ala Val Ile Arg
 50 55 60

ENC002WOSEQUENCELISTING

Glu Asn Leu Gln Ala Tyr Arg His Asn
65 70

<210> 137
<211> 73
<212> PRT
<213> Homo sapiens

<400> 137

Met Gly Ser Trp Glu Glu Phe Glu Leu Arg Leu Asn Ala Ile Glu Glu
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Tyr Phe Glu
20 25 30

Tyr Val Ile Ala Asp Phe Glu Gly Asn Leu Gln Arg Tyr Lys Gly Lys
35 40 45

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

Glu Glu Leu Val Ala Tyr Arg His Asn
65 70

<210> 138
<211> 73
<212> PRT
<213> Homo sapiens

<400> 138

Met Gly Ser Trp Phe Glu Phe Asn His Arg Leu Trp Ala Ile Phe Glu
1 5 10 15

Arg Leu Met Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys

ENC002WOSEQUENCELISTING

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Gly Asn Pro Glu Val Glu Tyr Leu Arg Ala Met Ala Ala Val Ile Arg
 50 55 60

Tyr His Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 139
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 139

Met Gly Ser Trp Glu Glu Phe Asp Gly Arg Leu Phe Ala Ile Glu Gln
 1 5 10 15

Arg Leu Gln Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Val Leu Arg Trp Phe Ala Ala Gly Ile Arg
 50 55 60

Asp Phe Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 140
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 140

Met Gly Ser Trp Ala Glu Phe Tyr His Arg Leu Tyr Ala Ile Glu Thr
 1 5 10 15

ENC002WOSEQUENCELISTING

Arg Leu Ser Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Tyr Leu Arg His Trp Ala Ala Trp Ile Arg
50 55 60

Thr Tyr Leu Gln Ala Tyr Arg His Asn
65 70

<210> 141
<211> 73
<212> PRT
<213> Homo sapiens

<400> 141

Met Gly Ser Trp Val Glu Phe Ser Asp Arg Leu Tyr Ala Ile Glu Glu
1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Glu Leu Arg Glu Leu Ala Ala Ile Ile Arg
50 55 60

His Ser Leu Gln Ala Tyr Arg His Asn
65 70

<210> 142
<211> 73
<212> PRT
<213> Homo sapiens

ENC002WOSEQUENCELISTING

<400> 142

Met Gly Ser Trp Trp Glu Phe Glu Gly Arg Leu Tyr Ala Ile Glu Glu
1 5 10 15

Arg Leu Thr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Tyr Leu Arg Glu Trp Ala Ala Trp Ile Arg
50 55 60

Gln Met Leu Gln Ala Tyr Arg His Asn
65 70

<210> 143

<211> 73

<212> PRT

<213> Homo sapiens

<400> 143

Met Gly Ser Trp Trp Glu Phe Glu His Arg Leu Tyr Ala Ile Glu Glu
1 5 10 15

Arg Leu Val Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Tyr Leu Arg Asn Trp Ala Ala Tyr Ile Arg
50 55 60

Met Ala Leu Gln Ala Tyr Arg His Asn
65 70

ENC002WOSEQUENCELISTING

<210> 144
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 144

Met Gly Ser Trp Trp Glu Phe Glu Ala Arg Leu Tyr Ala Ile Glu Phe
 1 5 10 15

Arg Leu Ser Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Tyr Leu Arg Ser Trp Ala Ala Tyr Ile Arg
 50 55 60

Thr Ser Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 145
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 145

Met Gly Ser Trp Trp Glu Phe Glu Ala Arg Leu Trp Ala Ile Glu Ser
 1 5 10 15

Arg Leu Lys Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

ENC002W0SEQUENCELISTING

Gly Asn Pro Glu Val Glu Tyr Leu Arg His Trp Ala Ala Tyr Ile Arg
50 55 60

Val Ile Leu Gln Ala Tyr Arg His Asn
65 70

<210> 146
<211> 73
<212> PRT
<213> Homo sapiens

<400> 146

Met Gly Ser Trp Trp Glu Phe Glu Ala Arg Leu Tyr Ala Ile Glu Phe
1 5 10 15

Arg Leu Ser Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Tyr Leu Arg Ser Trp Ala Ala Tyr Ile Arg
50 55 60

Thr Ser Leu Gln Ala Tyr Arg His Asn
65 70

<210> 147
<211> 73
<212> PRT
<213> Homo sapiens

<400> 147

Met Gly Ser Trp Glu Glu Phe Tyr His Arg Leu Asp Ala Ile Glu Leu
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

ENC002WOSEQUENCELISTING

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Tyr Leu Arg Trp Tyr Ala Ala Glu Ile Arg
 50 55 60

Glu Ile Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 148
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 148

Met Gly Ser Trp Tyr Glu Phe Tyr Glu Arg Leu Asp Ala Ile Asp Thr
 1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Phe Leu Arg Glu Tyr Ala Ala Glu Ile Arg
 50 55 60

His Phe Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 149
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 149

ENC002W0SEQUENCELISTING

Met Gly Ser Trp Asn Glu Phe Phe Asp Arg Leu Asp Ala Ile Leu Tyr
1 5 10 15

Arg Leu Asp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Tyr Leu Arg Phe Val Ala Ala Asp Ile Arg
50 55 60

Ser Trp Leu Gln Ala Tyr Arg His Asn
65 70

<210> 150
<211> 73
<212> PRT
<213> Homo sapiens

<400> 150

Met Gly Ser Trp Ile Glu Phe Asp Asp Arg Leu Leu Ala Ile Met Asp
1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Asp Leu Arg Asp Val Ala Ala Asp Ile Arg
50 55 60

His Tyr Leu Gln Ala Tyr Arg His Asn
65 70

<210> 151

ENC002WOSEQUENCELISTING

<211> 73

<212> PRT

<213> Homo sapiens

<400> 151

Met Gly Ser Trp Tyr Glu Phe Trp Glu Arg Leu Asp Ala Ile Thr Phe
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Asp Leu Arg Thr Trp Ala Ala Asp Ile Arg
50 55 60

Ala Ile Leu Gln Ala Tyr Arg His Asn
65 70

<210> 152

<211> 73

<212> PRT

<213> Homo sapiens

<400> 152

Met Gly Ser Trp Glu Glu Phe Tyr Ile Arg Leu Asp Ala Ile Met Glu
1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Asp Leu Arg Tyr Ala Ala Ala Asp Ile Arg
50 55 60

ENC002WOSEQUENCELISTING

His Phe Leu Gln Ala Tyr Arg His Asn
65 70

<210> 153
<211> 73
<212> PRT
<213> Homo sapiens

<400> 153

Met Gly Ser Trp Ile Glu Phe Glu Glu Arg Leu Tyr Ala Ile Glu Thr
1 5 10 15

Arg Leu Leu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Phe Leu Arg Val Val Ala Ala Asp Ile Arg
50 55 60

Glu Trp Leu Gln Ala Tyr Arg His Asn
65 70

<210> 154
<211> 73
<212> PRT
<213> Homo sapiens

<400> 154

Met Gly Ser Trp Ile Glu Phe Glu His Arg Leu Ser Ala Ile Asn Asp
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys

ENC002WOSEQUENCELISTING

35

40

45

Gly Asn Pro Glu Val Glu Asp Leu Arg Glu Trp Ala Ala Asp Ile Arg
 50 55 60

Ser Leu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 155
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 155

Met Gly Ser Trp Phe Glu Phe Glu Met Arg Leu Asp Ala Ile Met Ala
 1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Asp Leu Arg Tyr Ala Ala Ala Asp Ile Arg
 50 55 60

Asp Tyr Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 156
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 156

Met Gly Ser Trp Tyr Glu Phe Val Tyr Arg Leu Asp Ala Ile Tyr Asp
 1 5 10 15

ENC002WOSEQUENCELISTING

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Asp Leu Arg Tyr Ala Ala Ala Asp Ile Arg
50 55 60

Asp Phe Leu Gln Ala Tyr Arg His Asn
65 70

<210> 157
<211> 73
<212> PRT
<213> Homo sapiens

<400> 157

Met Gly Ser Trp Val Glu Phe Glu Asp Arg Leu Asp Ala Ile Leu Glu
1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Asp Leu Arg Glu Leu Ala Ala Asp Ile Arg
50 55 60

Asp Phe Leu Gln Ala Tyr Arg His Asn
65 70

<210> 158
<211> 73
<212> PRT
<213> Homo sapiens

ENC002WOSEQUENCELISTING

<400> 158

Met Gly Ser Trp Phe Glu Phe Glu Glu Arg Leu Ile Ala Ile Glu Glu
1 5 10 15

Arg Leu Phe Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Tyr Leu Arg Trp Ile Ala Ala Asp Ile Arg
50 55 60

Asp Val Leu Gln Ala Tyr Arg His Asn
65 70

<210> 159

<211> 73

<212> PRT

<213> Homo sapiens

<400> 159

Met Gly Ser Trp Ile Glu Phe Ala Asp Arg Leu Asp Ala Ile Leu Asp
1 5 10 15

Arg Leu Asp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Trp Leu Arg Glu Ile Ala Ala Asp Ile Arg
50 55 60

Ala Tyr Leu Gln Ala Tyr Arg His Asn
65 70

ENC002WOSEQUENCELISTING

<210> 160
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 160

Met Gly Ser Trp Leu Glu Phe Glu Tyr Arg Leu Asp Ala Ile Leu Asp
 1 5 10 15

Arg Leu Phe Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Asp Leu Arg Glu Val Ala Ala Asp Ile Arg
 50 55 60

Met Leu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 161
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 161

Met Gly Ser Trp Tyr Glu Phe His Asp Arg Leu Asp Ala Ile Thr Asn
 1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

ENC002W0SEQUENCELISTING

Gly Asn Pro Glu Val Glu Asp Leu Arg Asp Trp Ala Ala Asp Ile Arg
50 55 60

Val Trp Leu Gln Ala Tyr Arg His Asn
65 70

<210> 162
<211> 73
<212> PRT
<213> Homo sapiens

<400> 162

Met Gly Ser Trp Gln Glu Phe Glu Gln Arg Leu Asp Ala Ile Asn Trp
1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Glu Leu Arg Glu Trp Ala Ala Asp Ile Arg
50 55 60

Ile Phe Leu Gln Ala Tyr Arg His Asn
65 70

<210> 163
<211> 73
<212> PRT
<213> Homo sapiens

<400> 163

Met Gly Ser Trp Tyr Glu Phe Tyr Ser Arg Leu Asp Ala Ile Asp Ser
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

ENC002WOSEQUENCELISTING

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Phe Leu Arg Asp Tyr Ala Ala Glu Ile Arg
 50 55 60

Arg Tyr Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 164
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 164

Met Gly Ser Trp Glu Glu Phe His Asp Arg Leu Glu Ala Ile Ser Asp
 1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Asp Leu Arg Asp Trp Ala Ala Asp Ile Arg
 50 55 60

Phe Tyr Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 165
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 165

ENC002W0SEQUENCELISTING

Met Gly Ser Trp Trp Glu Phe Asp Glu Arg Leu Tyr Ala Ile Glu Asp
1 5 10 15

Arg Leu Phe Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Trp Leu Arg Ile Val Ala Ala Asp Ile Arg
50 55 60

Glu Ile Leu Gln Ala Tyr Arg His Asn
65 70

<210> 166
<211> 73
<212> PRT
<213> Homo sapiens

<400> 166

Met Gly Ser Trp Glu Glu Phe Glu Tyr Arg Leu Met Ala Ile Glu Val
1 5 10 15

Arg Leu Trp Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Val Leu Arg Glu Ile Ala Ala Asp Ile Arg
50 55 60

Gln Ile Leu Gln Ala Tyr Arg His Asn
65 70

<210> 167

ENC002WOSEQUENCELISTING

<211> 73
 <212> PRT
 <213> Homo sapiens

<400> 167

Met Gly Ser Trp Val Val Phe Lys Gln Arg Leu Ala Tyr Ile Lys Asp
 1 5 10 15

Leu Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Tyr Phe Glu
 20 25 30

Met Ser Ile Ala Phe Phe Glu Glu Asp Leu Gln Val Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 168
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 168

Met Gly Ser Trp Tyr Glu Phe Lys Asn Asp Leu Ala Trp Ile Lys Val
 1 5 10 15

His Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Tyr Phe Glu
 20 25 30

Phe Arg Ile Ala His Phe Glu Asn Ala Leu Gln Tyr Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60

ENC002WOSEQUENCELISTING

Asp Glu Leu Gln Ala Tyr Arg His Asn
65 70

<210> 169
<211> 73
<212> PRT
<213> Homo sapiens

<400> 169

Met Gly Ser Trp Val Glu Phe Tyr Asn Arg Leu Trp Ala Ile Asp His
1 5 10 15

Arg Leu His Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Val Leu Arg Tyr His Ala Ala Ser Ile Arg
50 55 60

Val Thr Leu Gln Ala Tyr Arg His Asn
65 70

<210> 170
<211> 73
<212> PRT
<213> Homo sapiens

<400> 170

Met Gly Ser Trp Ser Glu Phe Tyr Asp Arg Leu His Ala Ile His His
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys

ENC002WOSEQUENCELISTING

35

40

45

Gly Asn Pro Glu Val Glu Ala Leu Arg Asp Thr Ala Ala Phe Ile Arg
 50 55 60

Thr Arg Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 171
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 171

Met Gly Ser Trp Lys Glu Phe His Phe Arg Leu His Ala Ile Glu His
 1 5 10 15

Arg Leu Ile Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Phe Leu Arg Ala Lys Ala Ala Asn Ile Arg
 50 55 60

Thr His Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 172
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 172

Met Gly Ser Trp Phe Glu Phe His Gly Arg Leu His Ala Ile Tyr Gly
 1 5 10 15

ENC002WOSEQUENCELISTING

Arg Leu Ser Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu His Leu Arg Ala His Ala Ala His Ile Arg
50 55 60

Asp His Leu Gln Ala Tyr Arg His Asn
65 70

<210> 173
<211> 73
<212> PRT
<213> Homo sapiens

<400> 173

Met Gly Ser Trp Tyr Glu Phe Ala Asp Arg Leu His Ala Ile His Gln
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Met Thr Ala Ala Phe Ile Arg
50 55 60

Ser Arg Leu Gln Ala Tyr Arg His Asn
65 70

<210> 174
<211> 73
<212> PRT
<213> Homo sapiens

ENC002WOSEQUENCELISTING

<400> 174

Met Gly Ser Trp Asn Glu Phe Tyr Asn Arg Leu His Ala Ile His Gln
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ser Leu Arg Gln Thr Ala Ala Tyr Ile Arg
50 55 60

Asp Arg Leu Gln Ala Tyr Arg His Asn
65 70

<210> 175

<211> 73

<212> PRT

<213> Homo sapiens

<400> 175

Met Gly Ser Trp Asn Glu Phe Ala Asp Arg Leu His Ala Ile His Gln
1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ser Leu Arg Met Thr Ala Ala Phe Ile Arg
50 55 60

Ser Arg Leu Gln Ala Tyr Arg His Asn
65 70

ENC002WOSEQUENCELISTING

<210> 176
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 176

Met Gly Ser Trp Thr Glu Phe Ser Tyr Arg Leu Gly Ala Ile Gln Ser
 1 5 10 15

Arg Leu His Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu His Leu Arg Tyr Asn Ala Ala Lys Ile Arg
 50 55 60

His Phe Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 177
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 177

Met Gly Ser Trp Gln Glu Phe Thr Thr Arg Leu Glu Ala Ile Tyr His
 1 5 10 15

Arg Leu Arg Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Asn Phe Glu
 20 25 30

Gly Phe Ile Ala Glu Phe Glu Gly Asn Leu Gln Met Tyr Lys Gly Lys
 35 40 45

ENC002W0SEQUENCELISTING

Gly Asn Pro Glu Val Glu Ala Leu Val His Glu Ala Tyr Ala Ile Met
 50 55 60

Glu Glu Leu His Ala Tyr Arg His Asn
 65 70

<210> 178
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 178

Met Gly Ser Trp Val Glu Phe Phe Asp Arg Leu Lys Ala Ile His Asp
 1 5 10 15

Arg Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala His Phe Glu
 20 25 30

Lys Leu Ile Ala His Phe Glu His Arg Leu Gln Asn Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Glu Lys Glu Ala Asp Ala Ile Leu
 50 55 60

Tyr Glu Leu Ala Ala Tyr Arg His Asn
 65 70

<210> 179
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 179

Met Gly Ser Trp Tyr Tyr Phe Lys His His Leu Ala Trp Ile Lys Met
 1 5 10 15

Glu Leu Glu Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala His Phe Glu
 20 25 30

ENC002WOSEQUENCELISTING

Ser Ser Ile Ala Ser Phe Glu Arg Asp Leu Gln Gln Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Ala Leu Arg Lys Glu Ala Ala Ala Ile Arg
 50 55 60

Asp Glu Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 180
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 180

Met Gly Ser Trp Val Glu Phe His Ile Arg Leu His Ala Ile Gln Tyr
 1 5 10 15

Arg Leu Tyr Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
 20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
 35 40 45

Gly Asn Pro Glu Val Glu Glu Leu Arg His Trp Ala Ala Phe Ile Arg
 50 55 60

Leu Gln Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 181
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 181

ENC002W0SEQUENCELISTING

Met Gly Ser Trp Asn Glu Phe His Asp Arg Leu Asn Ala Ile His Ala
1 5 10 15

Arg Leu His Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Asn Leu Arg Asp Asp Ala Ala Phe Ile Arg
50 55 60

Arg Phe Leu Gln Ala Tyr Arg His Asn
65 70

<210> 182
<211> 73
<212> PRT
<213> Homo sapiens

<400> 182

Met Gly Ser Trp Tyr Glu Phe Thr Val Arg Leu Glu Ala Ile His Glu
1 5 10 15

Arg Leu Lys Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Ile Leu Arg Asp Asp Ala Ala Phe Ile Arg
50 55 60

Arg Phe Leu Gln Ala Tyr Arg His Asn
65 70

<210> 183

ENC002WOSEQUENCELISTING

<211> 73

<212> PRT

<213> Homo sapiens

<400> 183

Met	Gly	Ser	Trp	Lys	Glu	Phe	Asp	Asp	Arg	Leu	Asn	Ala	Ile	Lys	Ala
1				5					10					15	

Arg	Leu	Gln	Ala	Leu	Gly	Gly	Ser	Glu	Ala	Glu	Leu	Ala	Ala	Phe	Glu
		20						25					30		

Lys	Glu	Ile	Ala	Ala	Phe	Glu	Ser	Glu	Leu	Gln	Ala	Tyr	Lys	Gly	Lys
		35					40					45			

Gly	Asn	Pro	Glu	Val	Glu	Asp	Leu	Arg	Asp	Asp	Ala	Ala	Phe	Ile	Arg
	50					55					60				

Arg	Phe	Leu	Gln	Ala	Tyr	Arg	His	Asn
65					70			

<210> 184

<211> 73

<212> PRT

<213> Homo sapiens

<400> 184

Met	Gly	Ser	Trp	Tyr	Glu	Phe	Asp	Asp	Arg	Leu	Asn	Ala	Ile	His	Asp
1				5					10					15	

Arg	Leu	Gln	Ala	Leu	Gly	Gly	Ser	Glu	Ala	Glu	Leu	Ala	Ala	Phe	Glu
		20						25					30		

Lys	Glu	Ile	Ala	Ala	Phe	Glu	Ser	Glu	Leu	Gln	Ala	Tyr	Lys	Gly	Lys
		35					40					45			

Gly	Asn	Pro	Glu	Val	Glu	Asp	Leu	Arg	Asp	Asp	Ala	Ala	Phe	Ile	Arg
	50					55					60				

ENC002WOSEQUENCELISTING

Arg Phe Leu Gln Ala Tyr Arg His Asn
65 70

<210> 185
<211> 73
<212> PRT
<213> Homo sapiens

<400> 185

Met Gly Ser Trp Asn Glu Phe Lys Asn Arg Leu Asp Ala Ile His Lys
1 5 10 15

Arg Leu Asn Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys
35 40 45

Gly Asn Pro Glu Val Glu Asn Leu Arg Asp Asp Ala Ala Phe Ile Arg
50 55 60

His Phe Leu Gln Ala Tyr Arg His Asn
65 70

<210> 186
<211> 73
<212> PRT
<213> Homo sapiens

<400> 186

Met Gly Ser Trp Thr Glu Phe Glu Gln Arg Leu Glu Ala Ile His Asn
1 5 10 15

Arg Leu Gln Ala Leu Gly Gly Ser Glu Ala Glu Leu Ala Ala Phe Glu
20 25 30

Lys Glu Ile Ala Ala Phe Glu Ser Glu Leu Gln Ala Tyr Lys Gly Lys

ENC002WOSEQUENCELISTING

35

40

45

Gly Asn Pro Glu Val Glu Glu Leu Arg Asn Asp Ala Ala Phe Ile Arg
 50 55 60

His Phe Leu Gln Ala Tyr Arg His Asn
 65 70

<210> 187
 <211> 378
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> CD123 (interleukin-3 receptor-alpha)

<400> 187

Met Val Leu Leu Trp Leu Thr Leu Leu Leu Ile Ala Leu Pro Cys Leu
 1 5 10 15

Leu Gln Thr Lys Glu Asp Pro Asn Pro Pro Ile Thr Asn Leu Arg Met
 20 25 30

Lys Ala Lys Ala Gln Gln Leu Thr Trp Asp Leu Asn Arg Asn Val Thr
 35 40 45

Asp Ile Glu Cys Val Lys Asp Ala Asp Tyr Ser Met Pro Ala Val Asn
 50 55 60

Asn Ser Tyr Cys Gln Phe Gly Ala Ile Ser Leu Cys Glu Val Thr Asn
 65 70 75 80

Tyr Thr Val Arg Val Ala Asn Pro Pro Phe Ser Thr Trp Ile Leu Phe
 85 90 95

Pro Glu Asn Ser Gly Lys Pro Trp Ala Gly Ala Glu Asn Leu Thr Cys

ENC002WOSEQUENCELISTING

100

105

110

Trp Ile His Asp Val Asp Phe Leu Ser Cys Ser Trp Ala Val Gly Pro
 115 120 125

Gly Ala Pro Ala Asp Val Gln Tyr Asp Leu Tyr Leu Asn Val Ala Asn
 130 135 140

Arg Arg Gln Gln Tyr Glu Cys Leu His Tyr Lys Thr Asp Ala Gln Gly
 145 150 155 160

Thr Arg Ile Gly Cys Arg Phe Asp Asp Ile Ser Arg Leu Ser Ser Gly
 165 170 175

Ser Gln Ser Ser His Ile Leu Val Arg Gly Arg Ser Ala Ala Phe Gly
 180 185 190

Ile Pro Cys Thr Asp Lys Phe Val Val Phe Ser Gln Ile Glu Ile Leu
 195 200 205

Thr Pro Pro Asn Met Thr Ala Lys Cys Asn Lys Thr His Ser Phe Met
 210 215 220

His Trp Lys Met Arg Ser His Phe Asn Arg Lys Phe Arg Tyr Glu Leu
 225 230 235 240

Gln Ile Gln Lys Arg Met Gln Pro Val Ile Thr Glu Gln Val Arg Asp
 245 250 255

Arg Thr Ser Phe Gln Leu Leu Asn Pro Gly Thr Tyr Thr Val Gln Ile
 260 265 270

Arg Ala Arg Glu Arg Val Tyr Glu Phe Leu Ser Ala Trp Ser Thr Pro
 275 280 285

Gln Arg Phe Glu Cys Asp Gln Glu Glu Gly Ala Asn Thr Arg Ala Trp

ENC002W0SEQUENCELISTING

290

295

300

Arg Thr Ser Leu Leu Ile Ala Leu Gly Thr Leu Leu Ala Leu Val Cys
305 310 315 320

Val Phe Val Ile Cys Arg Arg Tyr Leu Val Met Gln Arg Leu Phe Pro
325 330 335

Arg Ile Pro His Met Lys Asp Pro Ile Gly Asp Ser Phe Gln Asn Asp
340 345 350

Lys Leu Val Val Trp Glu Ala Gly Lys Ala Gly Leu Glu Glu Cys Leu
355 360 365

Val Thr Glu Val Gln Val Val Gln Lys Thr
370 375