

Sequence_Listing (3)
SEQUENCE LISTING

<110> BioAtla Inc.

<120> Anti-ROR2l Antibodies

<130> BIAT-1020W0

<160> 27

<170> PatentIn version 3.5

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<222> (4)..(4)

<223> Xaa can be amino acid E or F

<220>

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<222> (7)..(7)

<223> Xaa can be amino acid Y or D

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<222> (8)..(8)

<223> Xaa can be amino acid T or C

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<222> (9)..(9)

<223> Xaa can be amino acid M or D or E or Y

<400> 1

Gly Tyr Thr Xaa Thr Glu Xaa Xaa Xaa His
1 5 10

<210> 2

Sequence_Listing (3)

<211> 17
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 <223> Xaa can be amino acid I or E

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 <222> (3)..(3)
 <223> Xaa can be amino acid N or Cor L or V

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 <223> Xaa can be amino acid T or D or E

<400> 2

Xaa	Xaa	Xaa	Xaa	Asn	Asn	Gly	Gly	Thr	Gly	Tyr	Asn	Gln	Lys	Phe	Lys
1				5					10					15	

Gly

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Sequence_Listing (3)

<222> (1)..(1)
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 <222> (5)..(5)
 <223> Xaa can be amino acid L or F

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 <222> (14)..(14)
 <223> Xaa can be amino acid D or L

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 <222> (15)..(15)
 <223> Xaa can be amino acid Y or C or T

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 <222> (16)..(16)
 <223> Xaa can be amino acid W or L

Sequence_Listing (3)

<400> 3

Xaa	Xaa	Xaa	Ser	Xaa	Tyr	Xaa	Tyr	Xaa	Xaa	Ser	Tyr	Phe	Xaa	Xaa	Xaa
1				5				10						15	

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<222> (8)..(8)

<223> Xaa can be amino acid Y or E or R or T

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Gly	Tyr	Ser	Ile	Thr	Thr	Gly	Xaa	Tyr	Trp	Asn
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<222> (8)..(8)

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Tyr	Ile	Thr	Tyr	Asp	Gly	Ser	Xaa	Asn	Tyr	Asn	Pro	Ser	Leu	Lys	Asn
1				5				10						15	

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Sequence_Listing (3)

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<223> Xaa can be amino acid R or G or H or W or Y

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<222> (4)..(4)

<223> Xaa can be amino acid F or C or N or Q

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<222> (5)..(5)

<223> Xaa can be amino acid E or S

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<222> (6)..(6)

<223> Xaa can be amino acid G or E or F or H or M or Q or S

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<222> (7)..(7)

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<222> (8)..(8)

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<222> (9)..(9)

<223> Xaa can be amino acid G or S or T

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<222> (13)..(13)

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Sequence_Listing (3)

Cys Ser Xaa Xaa Xaa Xaa Val Xaa Xaa Xaa Leu Asp Xaa
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<222> (7)..(7)
<223> Xaa can be amino acid S or D

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<222> (8)..(8)
<223> Xaa can be amino acid Yor C or D

<220>
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<222> (10)..(10)
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<400> 7

Ser Ala Thr Ser Ser Xaa Xaa Xaa Met Xaa
1 5 10

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Sequence_Listing (3)

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<400> 8

Xaa Thr Ser Asn Leu Ala Ser
 1 5

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 <222> (2)..(2)
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 <222> (3)..(3)
 <223> Xaa can be amino acid R or H

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 <223> Xaa can be amino acid S or D or G or I or Q or V

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 <222> (9)..(9)
 <223> Xaa can be amino acid T or D

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 <222> (10)..(10)
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<400> 9

Gln Xaa Xaa Ser Xaa Tyr Pro Phe Xaa Xaa
 1 5 10

Sequence_Listing (3)

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Arg	Ala	Ser	Glu	Ser	Val	Asp	Arg	Tyr	Gly	Asn	Ser	Xaa	Ile	His
1				5					10					15

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 <223> Xaa can be amino acid R or C or D or E or W

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 <222> (4)..(4)
 <223> Xaa can be amino acid N or D

<400> 11

Xaa	Thr	Tyr	Xaa	Leu	Glu	Ser
1				5		

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Sequence_Listing (3)

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<223> Xaa can be amino acid T or I or P

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<223> Xaa can be amino acid E or V

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<222> (8)..(8)

<223> Xaa can be amino acid W or T

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<222> (10)..(10)

<223> Xaa can be amino acid F or T

<400> 12

Gln	Gln	Xaa	Asn	Xaa	Asp	Pro	Xaa	Thr	Xaa
1			5					10	

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<400> 13

Gln	Ile	Val	Leu	Thr	Gln	Ser	Pro	Ala	Ile	Met	Ser	Ala	Ser	Pro	Gly
1			5					10					15		

Glu	Lys	Val	Thr	Ile	Thr	Cys	Ser	Ala	Thr	Ser	Ser	Val	Ser	Tyr	Met
		20						25					30		

Sequence_Listing (3)

His Trp Phe Gln Gln Lys Pro Gly Thr Ser Pro Lys Leu Trp Ile Tyr
35 40 45

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

Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Arg Met Glu Ala Glu
65 70 75 80

Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Arg Ser Ser Tyr Pro Phe Thr
85 90 95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
100 105

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<400> 14

Gln Ile Val Leu Thr Gln Ser Pro Ala Ile Met Ser Ala Ser Pro Gly
1 5 10 15

Glu Lys Val Thr Ile Thr Cys Ser Ala Thr Ser Ser Glu Ser Tyr Met
20 25 30

His Trp Phe Gln Gln Lys Pro Gly Thr Ser Pro Lys Leu Trp Ile Tyr
35 40 45

His Thr Ser Asn Leu Ala Ser Gly Val Pro Ala Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Arg Met Glu Ala Glu

Sequence_Listing (3)

65		70		75		80
Asp	Ala	Ala	Thr	Tyr	Tyr	Thr
			85	Cys	Gln	Gln
				Arg	Ser	Ser
				90	Tyr	Pro
					Phe	Thr
					95	

Phe	Gly	Gln	Gly	Thr	Lys	Val	Glu	Ile	Lys
			100					105	

<210> 15
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 <212> PRT
 <213> Artificial

<220>
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<400> 15

Ala	Ile	Gln	Leu	Thr	Gln	Ser	Pro	Ser	Ser	Leu	Ser	Ala	Ser	Val	Gly
1				5				10						15	

Asp	Arg	Val	Thr	Ile	Thr	Cys	Ser	Ala	Thr	Ser	Ser	Val	Ser	Tyr	Met
			20					25					30		

His	Trp	Tyr	Gln	Gln	Lys	Pro	Gly	Gln	Ala	Pro	Arg	Leu	Leu	Ile	Tyr
		35					40					45			

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

Gly	Ser	Gly	Thr	Asp	Phe	Thr	Leu	Lys	Ile	Ser	Arg	Val	Glu	Ala	Glu
65					70					75					80

Asp	Val	Gly	Val	Tyr	Tyr	Cys	Gln	Gln	Arg	Ser	Ser	Tyr	Pro	Phe	Thr
				85					90					95	

Phe	Gly	Gln	Gly	Thr	Lys	Val	Glu	Ile	Lys
			100					105	

Sequence_Listing (3)

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<400> 16

Ala Ile Gln Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
 1 5 10 15

Asp Arg Val Thr Ile Thr Cys Ser Ala Thr Ser Ser Val Ser Tyr Met
 20 25 30

His Trp Tyr Leu Gln Lys Pro Gly Gln Ser Pro Gln Leu Leu Ile Tyr
 35 40 45

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

Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile Ser Arg Val Glu Ala Glu
 65 70 75 80

Asp Val Gly Val Tyr Tyr Cys Gln Gln Arg Ser Ser Tyr Pro Phe Thr
 85 90 95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
 100 105

<210> 17
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<400> 17

Sequence_Listing (3)

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

Gln Arg Ala Thr Ile Ser Cys Arg Ala Ser Glu Ser Val Asp Arg Tyr
20 25 30

Gly Asn Ser Phe Ile His Trp Tyr Leu Gln Lys Pro Gly Gln Pro Pro
35 40 45

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

Arg Phe Ser Gly Thr Gly Ser Arg Thr Asp Phe Thr Leu Thr Ile Asn
65 70 75 80

Pro Val Glu Ala Asp Asp Val Ala Thr Tyr Tyr Cys Gln Gln Thr Asn
85 90 95

Glu Asp Pro Trp Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
100 105 110

<210> 18
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<212> PRT
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<400> 18

Glu Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Ile Ser Cys Lys Thr Ser Gly Tyr Thr Phe Thr Glu Tyr
20 25 30

Thr Met His Trp Met Lys Gln Ser His Arg Lys Ser Leu Glu Trp Ile

Sequence_Listing (3)

35

40

45

Gly Gly Ile Asn Thr Asn Asn Gly Gly Thr Gly Tyr Asn Gln Lys Phe
50 55 60

Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Arg Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Phe Cys
85 90 95

Ala Arg Gly Ser Leu Tyr Ser Tyr Gly Asn Ser Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 19

<211> 122

<212> PRT

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<400> 19

Glu Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Ile Ser Cys Lys Thr Ser Gly Tyr Thr Glu Thr Glu Asp
20 25 30

Thr Asp His Trp Met Lys Gln Ser His Arg Lys Ser Leu Glu Trp Ile
35 40 45

Gly Gly Glu Asn Asp Asn Asn Gly Gly Thr Gly Tyr Asn Gln Lys Phe
50 55 60

Sequence_Listing (3)

Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Arg Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Phe Cys
85 90 95

Ala His Gly Ser Leu Tyr Ser Tyr Gly Asn Ser Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 20
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<212> PRT
<213> Artificial

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<400> 20

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Glu Tyr
20 25 30

Thr Met His Trp Val Arg Gln Ala Arg Gly Gln Arg Leu Glu Trp Ile
35 40 45

Gly Gly Ile Asn Thr Asn Asn Gly Gly Thr Gly Tyr Asn Gln Lys Phe
50 55 60

Lys Gly Arg Val Thr Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr
65 70 75 80

Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys

Sequence_Listing (3)

85

90

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Ala His Gly Ser Leu Tyr Ser Tyr Gly Asn Ser Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

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Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Glu
1 5 10 15

Ser Leu Arg Ile Ser Cys Lys Gly Ser Gly Tyr Thr Phe Thr Glu Tyr
20 25 30

Thr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Gly Ile Asn Thr Asn Asn Gly Gly Thr Gly Tyr Asn Gln Lys Phe
50 55 60

Lys Gly Arg Val Thr Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr
65 70 75 80

Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys
85 90 95

Ala His Gly Ser Leu Tyr Ser Tyr Gly Asn Ser Tyr Phe Asp Tyr Trp
100 105 110

Sequence_Listing (3)

Gly Gln Gly Thr Leu Val Thr Val Ser Ser
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<400> 22

Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Glu
1 5 10 15

Ser Leu Arg Ile Ser Cys Lys Gly Ser Gly Tyr Thr Phe Thr Glu Tyr
20 25 30

Thr Met His Trp Ile Arg Gln Ser Pro Ser Arg Gly Leu Glu Trp Leu
35 40 45

Gly Gly Ile Asn Thr Asn Asn Gly Gly Thr Gly Tyr Asn Gln Lys Phe
50 55 60

Lys Gly Arg Val Thr Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr
65 70 75 80

Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys
85 90 95

Ala His Gly Ser Leu Tyr Ser Tyr Gly Asn Ser Tyr Phe Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

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

Ser Leu Ser Leu Thr Cys Ser Val Thr Gly Tyr Ser Ile Thr Thr Gly
 20 25 30

Tyr Tyr Trp Asn Trp Ile Arg Gln Phe Pro Gly Asn Lys Leu Glu Trp
 35 40 45

Met Ala Tyr Ile Thr Tyr Asp Gly Ser Lys Asn Tyr Asn Pro Ser Leu
 50 55 60

Lys Asn Arg Ile Ser Ile Thr Arg Asp Thr Ser Lys Asn Lys Phe Phe
 65 70 75 80

Leu Lys Leu Asn Ser Val Thr Ser Glu Asp Thr Ala Thr Tyr Tyr Cys
 85 90 95

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

Thr Leu Val Thr Val Ser Ser
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Sequence_Listing (3)

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

Ser Leu Ser Leu Thr Cys Ser Val Thr Gly Tyr Ser Ile Thr Thr Gly
20 25 30

Tyr Tyr Trp Asn Trp Ile Arg Gln Phe Pro Gly Asn Lys Leu Glu Trp
35 40 45

Met Ala Tyr Ile Thr Tyr Asp Gly Ser Lys Asn Tyr Asn Pro Ser Leu
50 55 60

Lys Asn Arg Ile Ser Ile Thr Arg Asp Thr Ser Lys Asn Lys Phe Phe
65 70 75 80

Leu Lys Leu Asn Ser Val Thr Ser Glu Asp Thr Ala Thr Tyr Tyr Cys
85 90 95

Ser His Phe Glu Gly Val Trp Gly Gly Leu Asp Tyr Trp Gly Gln Gly
100 105 110

Thr Leu Val Thr Val Ser Ser
115

<210> 25

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<400> 25

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

Sequence_Listing (3)

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Tyr Ser Ile Thr Thr Gly
20 25 30

Tyr Tyr Trp Asn Trp Val Arg Gln Ala Arg Gly Gln Arg Leu Glu Trp
35 40 45

Ile Gly Tyr Ile Thr Tyr Asp Gly Ser Lys Asn Tyr Asn Pro Ser Leu
50 55 60

Lys Asn Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser
65 70 75 80

Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ser His Phe Glu Gly Val Trp Tyr Gly Leu Asp Tyr Trp Gly Gln Gly
100 105 110

Thr Leu Val Thr Val Ser Ser
115

<210> 26
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<212> PRT
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<220>
<223> Synthetic sequence

<400> 26

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

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Tyr Ser Ile Thr Thr Gly
20 25 30

Glu Tyr Trp Asn Trp Val Arg Gln Ala Arg Gly Gln Arg Leu Glu Trp

Sequence_Listing (3)

35

40

45

Ile Gly Tyr Ile Thr Tyr Asp Gly Ser Lys Asn Tyr Asn Pro Ser Leu
50 55 60

Lys Asn Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser
65 70 75 80

Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys
85 90 95

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

Thr Leu Val Thr Val Ser Ser
115

<210> 27

<211> 111

<212> PRT

<213> Artificial

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<223> Synthetic sequence

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Ala Ile Gln Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Glu Ser Val Asp Arg Tyr
20 25 30

Gly Asn Ser Phe Ile His Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro
35 40 45

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

Sequence_Listing (3)

Arg Phe Ser Gly Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser
65 70 75 80

Ser Leu Gln Ser Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Thr Asn
85 90 95

Glu Asp Pro Trp Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
100 105 110