

SEQUENCE LISTING

<110> MedImmune

<120> ILT7 BINDING MOLECULES AND USES THEREOF

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<170> PatentIn version 3.5

<210> 1

<211> 351

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aatgaaaaat tcaagggcaa ggccaaattg actgtagaaa aatcctctag cacagtctac 240

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

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

Pro Ile Glu Trp Met Lys Gln Asn His Gly Lys Ser Leu Glu Trp Ile
35 40 45

Gly Asn Phe His Pro Tyr Asn Asp Asp Thr Lys Tyr Asn Glu Lys Phe
50 55 60

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

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

Ala Arg Gly Asp Asp Tyr Gly Met Asp Tyr Trp Gly Gln Gly Thr Ser
100 105 110

Val Thr Val Ser Ser
115

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<220>
<223> SBI28 VHCDR1

<400> 3

Thr Tyr Pro Ile Glu
1 5

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<400> 4

Asn Phe His Pro Tyr Asn Asp Asp Thr Lys Tyr Asn Glu Lys Phe Lys
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Gly

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<400> 5

Gly Asp Asp Tyr Gly Met Asp Tyr
1 5

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cgcttcacag gcagtggatc tgggacagat ttcactctca ccattagcaa tgtgcaatct 240
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<211> 107
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Asp Ile Val Met Thr Gln Ser Gln Lys Phe Met Ser Thr Ser Val Gly
1 5 10 15

Asp Arg Val Ser Ile Thr Cys Lys Ala Ser Gln Asn Val Arg Thr Ala
20 25 30

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

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

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

Glu Asp Leu Ala Asp Tyr Phe Cys Leu Gln His Trp Asn Tyr Pro Phe
85 90 95

Thr Phe Gly Ser Gly Thr Lys Leu Glu Ile Lys
100 105

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<400> 8

Lys Ala Ser Gln Asn Val Arg Thr Ala Val Ala
1 5 10

<210> 9
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<400> 9

Leu Ala Ser Asn Arg His Thr
1 5

<210> 10
<211> 9
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<223> SBI28 VLCDR3

<400> 10

Leu Gln His Trp Asn Tyr Pro Phe Thr
1 5

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cctggacagg gcctggaatg gatcggcaac ttccaccctt acaacgacga caccaagtac 180
aacgagaagt tcaagggcag agtcaccatg accacagaca catccacgag cacagtgtac 240
atggagctga gcagcctgag atctgaggac acggccgtgt attactgtac gagaggcgac 300
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1 5 10 15

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

Pro Ile Glu Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Ile
35 40 45

Gly Asn Phe His Pro Tyr Asn Asp Asp Thr Lys Tyr Asn Glu Lys Phe
50 55 60

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

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

Thr Arg Gly Asp Asp Tyr Gly Leu Asp Tyr Trp Gly Gln Gly Thr Leu
100 105 110

Val Thr Val Ser Ser
115

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<400> 13

Ile Tyr Pro Ile Glu
1 5

<210> 14
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<212> PRT
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<400> 14

Asn Phe His Pro Tyr Asn Asp Asp Thr Lys Tyr Asn Glu Lys Phe Lys
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Gly

<210> 15
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<223> 7C7 VHCDR3

<400> 15

Gly Asp Asp Tyr Gly Leu Asp Tyr
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<210> 16

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<212> DNA

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<223> 7C7 VL

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ggtaaagcac cgaaacgtct gatttatctg gcaagtaatc gtcataccgg tgttccgagc 180
cgtttttagcg gtagcggttc tggcaccgat tttaccctga ccattagcag cctgcagagc 240
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<210> 17

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<212> PRT

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<223> 7C7 VL

<400> 17

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

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

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

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

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Ser
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Leu Gln His Trp Asn Tyr Pro Phe
85 90 95

Thr Phe Gly Pro Gly Thr Lys Leu Glu Ile Lys
100 105

<210> 18
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<220>
<223> 7C7 VLCDR1

<400> 18

Asp Ala Ser Gln Asn Val Arg Thr Ala Val Ala
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<210> 19
<211> 7
<212> PRT
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<220>
<223> 7C7 VLCDR2

<400> 19

Leu Ala Ser Asn Arg His Thr
1 5

<210> 20
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<212> PRT
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<220>
<223> 7C7 VLCDR3

<400> 20

Leu Gln His Trp Asn Tyr Pro Phe Thr
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ccaggacaag gtcttgagt gatgggagcg atgatgccta gttttggaac aaggagcac 180
tcacagcagt tcaacggcag agtcaccctt tccgcggacg aatccacgag cacagcctac 240
ttggaactga gcagtctaag atatgacgac acggccgtct attactgtgc gggtagtcgg 300
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<223> ILT70080 VH

<400> 22

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Ala Pro Gly Thr
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Ser Val Lys Val Ser Cys Lys Ala Ser Gly Asp Ser Phe Arg Asn Tyr
20 25 30

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

Gly Ala Met Met Pro Ser Phe Gly Thr Arg Glu His Ser Gln Gln Phe
50 55 60

Asn Gly Arg Val Thr Leu Ser Ala Asp Glu Ser Thr Ser Thr Ala Tyr
65 70 75 80

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

Ala Gly Ser Arg Asp Tyr Asn Ala Tyr His Phe Trp Thr Gly Pro Pro
100 105 110

Asp Phe Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 23
<211> 5
<212> PRT
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<220>
<223> ILT70080 VHCDR1

<400> 23

Asn Tyr Ala Val Ser
1 5

<210> 24
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080 VHCDR2

<400> 24

Ala Met Met Pro Ser Phe Gly Thr Arg Glu His Ser Gln Gln Phe Asn
1 5 10 15

Gly

<210> 25
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<212> PRT
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<220>

<223> ILT70080 VHCDR3

<400> 25

Ser	Arg	Asp	Tyr	Asn	Ala	Tyr	His	Phe	Trp	Thr	Gly	Pro	Pro	Asp	Phe
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ttctctggct	ccatctctgg	gaacacggcc	accctgacca	tcagcagggt	cgaagccggg	240
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<400> 27

Ser	Tyr	Glu	Leu	Thr	Gln	Pro	Pro	Ser	Val	Ser	Val	Ala	Pro	Gly	Lys
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Thr	Ala	Lys	Ile	Ser	Cys	Gly	Gly	Asp	Ser	Val	Gly	Ser	Thr	Ser	Val
			20					25						30	

His	Trp	Tyr	Gln	Gln	Lys	Pro	Gly	Gln	Ala	Pro	Val	Met	Val	Met	Phe
			35				40					45			

Tyr	Asn	Ser	Asp	Arg	Pro	Ser	Gly	Ile	Pro	Glu	Arg	Phe	Ser	Gly	Ser
						55					60				

Ile Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Arg Val Glu Ala Gly
65 70 75 80

Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Thr Ser Ser Asp His
85 90 95

Pro Glu Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 28
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080 VLCDR1

<400> 28

Gly Gly Asp Ser Val Gly Ser Thr Ser Val His
1 5 10

<210> 29
<211> 7
<212> PRT
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<220>
<223> ILT70080 VLCDR2

<400> 29

Tyr Asn Ser Asp Arg Pro Ser
1 5

<210> 30
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080 VLCDR3

<400> 30

Gln Val Trp Asp Thr Ser Ser Asp His Pro Glu
1 5 10

<210> 31
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<220>
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 tcacagcagt tccagggcag agtcaccctt accgcggacg aatccacgag cacagcctac 240
 atggaactga gcagtctaag atctgaggac acggccgtct attactgtgc gggtagtcgg 300
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 gtcaccgtct cctca 375

<210> 32
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 <223> ILT70080.1 VH

<400> 32

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

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Asp Ser Phe Arg Asn Tyr
 20 25 30

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

Gly Ala Met Met Pro Ser Phe Gly Thr Arg Glu His Ser Gln Gln Phe
 50 55 60

Gln Gly Arg Val Thr Leu Thr Ala Asp Glu Ser Thr Ser Thr Ala Tyr
 65 70 75 80

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

Ala Gly Ser Arg Asp Tyr Asn Ala Tyr His Phe Trp Thr Gly Pro Pro
100 105 110

Asp Phe Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 33
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<220>
<223> ILT70080.1 VHCDR1

<400> 33

Asn Tyr Ala Val Ser
1 5

<210> 34
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.1 VHCDR2

<400> 34

Ala Met Met Pro Ser Phe Gly Thr Arg Glu His Ser Gln Gln Phe Gln
1 5 10 15

Gly

<210> 35
<211> 16
<212> PRT
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<220>
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<400> 35

Ser Arg Asp Tyr Asn Ala Tyr His Phe Trp Thr Gly Pro Pro Asp Phe
1 5 10 15

<210> 36

<211> 324

<212> DNA

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ttctctggct ccatctctgg gaacacggcc accctgacca tcagcagggt cgaagccggg 240
gatgaggccg actattactg tcaggtgtgg gatactagta gtgatcatcc ggagttcggc 300
ggagggacca agctgaccgt ccta 324

<210> 37

<211> 108

<212> PRT

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<220>

<223> ILT70080.1 VL

<400> 37

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

Thr Ala Arg Ile Thr Cys Gly Gly Asp Ser Val Gly Ser Thr Ser Val
20 25 30

His Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Met Val Met Phe
35 40 45

Tyr Asn Ser Asp Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
50 55 60

Ile Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Arg Val Glu Ala Gly
65 70 75 80

Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Thr Ser Ser Asp His
85 90 95

Pro Glu Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 38
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.1 VLCDR1

<400> 38

Gly Gly Asp Ser Val Gly Ser Thr Ser Val His
1 5 10

<210> 39
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.1 VLCDR2

<400> 39

Tyr Asn Ser Asp Arg Pro Ser
1 5

<210> 40
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.1 VLCDR3

<400> 40

Gln Val Trp Asp Thr Ser Ser Asp His Pro Glu
1 5 10

<210> 41
 <211> 375
 <212> DNA
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<220>
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 ccaggacaag gtcttgagtg gatgggagcg atgatgccta gttttggaac aaggagcac 180
 tcacagcagt tccagggcag agtcaccctt tccgcggacg aatccacgag cacagcctac 240
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 <211> 125
 <212> PRT
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<400> 42

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

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Asp Ser Phe Arg Asn Tyr
 20 25 30

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

Gly Ala Met Met Pro Ser Phe Gly Thr Arg Glu His Ser Gln Gln Phe
 50 55 60

Gln Gly Arg Val Thr Leu Ser Ala Asp Glu Ser Thr Ser Thr Ala Tyr
 65 70 75 80

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

Ala Gly Ser Arg Asp Tyr Asn Ala Tyr His Phe Trp Thr Gly Pro Pro
100 105 110

Asp Phe Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 43
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.2 VHCDR1

<400> 43

Asn Tyr Ala Val Ser
1 5

<210> 44
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.2 VHCDR2

<400> 44

Ala Met Met Pro Ser Phe Gly Thr Arg Glu His Ser Gln Gln Phe Gln
1 5 10 15

Gly

<210> 45
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.2 VHCDR3

<400> 45

Ser Arg Asp Tyr Asn Ala Tyr His Phe Trp Thr Gly Pro Pro Asp Phe
 1 5 10 15

<210> 46
 <211> 324
 <212> DNA
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<220>
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 caggcccctg tgatgggtcat gttttataac agtgaccggc cctcagggat ccctgagcga 180
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 ggagggacca agctgaccgt ccta 324

<210> 47
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<220>
 <223> ILT70080.2 VL

<400> 47

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

Thr Ala Arg Ile Thr Cys Gly Gly Asp Ser Val Gly Ser Thr Ser Val
 20 25 30

His Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Met Val Met Phe
 35 40 45

Tyr Asn Ser Asp Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
 50 55 60

Ile Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Arg Val Glu Ala Gly
 65 70 75 80

Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Thr Ser Ser Asp His
85 90 95

Pro Glu Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 48
<211> 11
<212> PRT
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<220>
<223> ILT70080.2 VLCDR1

<400> 48

Gly Gly Asp Ser Val Gly Ser Thr Ser Val His
1 5 10

<210> 49
<211> 7
<212> PRT
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<220>
<223> ILT70080.2 VLCDR2

<400> 49

Tyr Asn Ser Asp Arg Pro Ser
1 5

<210> 50
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.2 VLCDR3

<400> 50

Gln Val Trp Asp Thr Ser Ser Asp His Pro Glu
1 5 10

<210> 51
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<212> DNA
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<223> ILT70080.3 VH

<400> 51

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ccaggacaag gtcttgagtg gatgggagcg atgatgccta gttttggaac aaggagcac      180
tcacagcagt tccagggcag agtcaccctt tccgcggacg aatccacgag cacagcctac      240
atggaactga gcagtctaag atctgaggac acggccgtct attactgtgc gggtagtcgg      300
gactacaatg cttaccattt ttggactggg cccctgact tctggggccg aggaaccctg      360
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<223> ILT70080.3 VH

<400> 52

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Ser Val Lys Val Ser Cys Lys Ala Ser Gly Asp Ser Phe Arg Asn Tyr
              20              25              30
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Ala Val Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
              35              40              45
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Gly Ala Met Met Pro Ser Phe Gly Thr Arg Glu His Ser Gln Gln Phe
50              55              60
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Gln Gly Arg Val Thr Leu Ser Ala Asp Glu Ser Thr Ser Thr Ala Tyr
65              70              75              80
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Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
              85              90              95
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Ala Gly Ser Arg Asp Tyr Asn Ala Tyr His Phe Trp Thr Gly Pro Pro
100 105 110

Asp Phe Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 53
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.3 VHCDR1

<400> 53

Asn Tyr Ala Val Ser
1 5

<210> 54
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.3 VHCDR2

<400> 54

Ala Met Met Pro Ser Phe Gly Thr Arg Glu His Ser Gln Gln Phe Gln
1 5 10 15

Gly

<210> 55
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.3 VHCDR3

<400> 55

Ser Arg Asp Tyr Asn Ala Tyr His Phe Trp Thr Gly Pro Pro Asp Phe
1 5 10 15

<210> 56
 <211> 324
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> ILT70080.3 VL

<400> 56
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 acctgtgggg gagacagcgt tggcagtaca agtgtccact ggtaccagca gaagccgggc 120
 caggcccctg tgatgggtcat gttttataac agtgaccggc cctcagggat ccctgagcga 180
 ttctctggct ccatctctgg gaacacggcc accctgacca tcagcagggt cgaagccggg 240
 gatgaggccg actattactg tcagggtgtgg gatactagta gtgatcatcc ggagttcggc 300
 ggagggacca agctgaccgt ccta 324

<210> 57
 <211> 108
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70080.3 VL

<400> 57

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

Thr Ala Arg Ile Thr Cys Gly Gly Asp Ser Val Gly Ser Thr Ser Val
 20 25 30

His Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Met Val Met Phe
 35 40 45

Tyr Asn Ser Asp Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
 50 55 60

Ile Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Arg Val Glu Ala Gly
 65 70 75 80

Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Thr Ser Ser Asp His
85 90 95

Pro Glu Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 58
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.3 VLCDR1

<400> 58

Gly Gly Asp Ser Val Gly Ser Thr Ser Val His
1 5 10

<210> 59
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.3 VLCDR2

<400> 59

Tyr Asn Ser Asp Arg Pro Ser
1 5

<210> 60
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.3 VLCDR3

<400> 60

Gln Val Trp Asp Thr Ser Ser Asp His Pro Glu
1 5 10

<210> 61
<211> 375
<212> DNA
<213> Artificial Sequence

<220>

<223> ILT70080.4 VH

<400> 61

caggtgcagc tgggtgcaatc tggggctgag gtgaaggcgc ctgggacttc ggtgaaagtc 60
tcctgcaagg catctggaga cagcttcagg aactatgctg tcagttgggt gcgacaggcc 120
ccaggacaag gtcttgagtg gatgggagcg atgatgccta gttttggaac aaggagcac 180
tcacagcagt tccagggcag agtcaccctt tccgcggacg aatccacgag cacagcctac 240
atggaactga gcagtctaag atctgaggac acggccgtct attactgtgc gggtagtcgg 300
gactacaatg cttaccatth ttggactggg cccctgact tctggggccg aggaaccctg 360
gtcaccgtct cctca 375

<210> 62

<211> 125

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70080.4 VH

<400> 62

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

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Asp Ser Phe Arg Asn Tyr
20 25 30

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

Gly Ala Met Met Pro Ser Phe Gly Thr Arg Glu His Ser Gln Gln Phe
50 55 60

Gln Gly Arg Val Thr Leu Ser Ala Asp Glu Ser Thr Ser Thr Ala Tyr
65 70 75 80

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

Ala Gly Ser Arg Asp Tyr Asn Ala Tyr His Phe Trp Thr Gly Pro Pro
100 105 110

Asp Phe Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 63
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.4 VHCDR1

<400> 63

Asn Tyr Ala Val Ser
1 5

<210> 64
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.4 VHCDR2

<400> 64

Ala Met Met Pro Ser Phe Gly Thr Arg Glu His Ser Gln Gln Phe Gln
1 5 10 15

Gly

<210> 65
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.4 VHCDR3

<400> 65

Ser Arg Asp Tyr Asn Ala Tyr His Phe Trp Thr Gly Pro Pro Asp Phe
1 5 10 15

<210> 66
 <211> 324
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> ILT70080.4 VL

<400> 66
 tcctatgagc tgactcagcc accctcagtg tcagtggccc caggaaagac ggccaagatt 60
 tcctgtgggg gagacagcgt tggcagtaca agtgtccact ggtaccagca gaagccgggc 120
 caggcccctg tgatgggtcat gttttataac agtgaccggc cctcagggat ccctgagcga 180
 ttctctggct ccatctctgg gaacacggcc accctgacca tcagcagggt cgaagccggg 240
 gatgaggccg actattactg tcaggtgtgg gatactagta gtgatcatcc ggagttcggc 300
 ggagggacca agctgaccgt ccta 324

<210> 67
 <211> 108
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70080.4 VL

<400> 67

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

Thr Ala Lys Ile Ser Cys Gly Gly Asp Ser Val Gly Ser Thr Ser Val
 20 25 30

His Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Met Val Met Phe
 35 40 45

Tyr Asn Ser Asp Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
 50 55 60

Ile Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Arg Val Glu Ala Gly
 65 70 75 80

Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Thr Ser Ser Asp His
 85 90 95

Pro Glu Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 68
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.4 VLCDR1

<400> 68

Gly Gly Asp Ser Val Gly Ser Thr Ser Val His
1 5 10

<210> 69
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.4 VLCDR2

<400> 69

Tyr Asn Ser Asp Arg Pro Ser
1 5

<210> 70
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.4 VLCDR3

<400> 70

Gln Val Trp Asp Thr Ser Ser Asp His Pro Glu
1 5 10

<210> 71
<211> 375
<212> DNA
<213> Artificial Sequence

<220>

<223> ILT70080.5 VH

<400> 71

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caggtgcagc tgggtgcaatc tggggctgag gtgaagaagc ctgggtcttc ggtgaaagtc      60
tcctgcaagg catctggaga cagcttcagg aactatgctg tcagttgggt gcgacaggcc      120
ccaggacaag gtcttgagtg gatgggagcg atgatgccta gttttggaac aaggagcac      180
tcacagcagt tccagggcag agtcaccctt accgcggacg aatccacgag cacagcctac      240
atggaactga gcagtctaag atctgaggac acggccgtct attactgtgc gggtagtcgg      300
gactacaatg cttaccattt ttggactggg cccctgact tctggggccg aggaaccctg      360
gtcaccgtct cctca                                                    375
```

<210> 72

<211> 125

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70080.5 VH

<400> 72

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

```
Ser Val Lys Val Ser Cys Lys Ala Ser Gly Asp Ser Phe Arg Asn Tyr
              20              25              30
```

```
Ala Val Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
              35              40              45
```

```
Gly Ala Met Met Pro Ser Phe Gly Thr Arg Glu His Ser Gln Gln Phe
50              55              60
```

```
Gln Gly Arg Val Thr Leu Thr Ala Asp Glu Ser Thr Ser Thr Ala Tyr
65              70              75              80
```

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

```
Ala Gly Ser Arg Asp Tyr Asn Ala Tyr His Phe Trp Thr Gly Pro Pro
100              105              110
```

Asp Phe Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 73
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.5 VHCDR1

<400> 73

Asn Tyr Ala Val Ser
1 5

<210> 74
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.5 VHCDR2

<400> 74

Ala Met Met Pro Ser Phe Gly Thr Arg Glu His Ser Gln Gln Phe Gln
1 5 10 15

Gly

<210> 75
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.5 VHCDR3

<400> 75

Ser Arg Asp Tyr Asn Ala Tyr His Phe Trp Thr Gly Pro Pro Asp Phe
1 5 10 15

<210> 76
<211> 324

<212> DNA
<213> Artificial Sequence

<220>
<223> ILT70080.5 VL

<400> 76
tcctatgtgc tgactcagcc accctcagtgc tcagtggccc caggaaagac ggccaggatt 60
acctgtgggg gagacagcgt tggcagtaca agtgtccact ggtaccagca gaagccgggc 120
caggcccctg tgatgggtcat gttttataac agtgaccggc cctcagggat ccctgagcga 180
ttctctggct ccaactctgg gaacacggcc accctgacca tcagcagggt cgaagccggg 240
gatgaggccg actattactg tcaggtgtgg gatactagta gtgatcatcc ggagttcggc 300
ggagggacca agctgaccgt ccta 324

<210> 77
<211> 108
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.5 VL

<400> 77

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

Thr Ala Arg Ile Thr Cys Gly Gly Asp Ser Val Gly Ser Thr Ser Val
20 25 30

His Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Met Val Met Phe
35 40 45

Tyr Asn Ser Asp Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
50 55 60

Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Arg Val Glu Ala Gly
65 70 75 80

Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Thr Ser Ser Asp His
85 90 95

Pro Glu Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 78
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.5 VLCDR1

<400> 78

Gly Gly Asp Ser Val Gly Ser Thr Ser Val His
1 5 10

<210> 79
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.5 VLCDR2

<400> 79

Tyr Asn Ser Asp Arg Pro Ser
1 5

<210> 80
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.5 VLCDR3

<400> 80

Gln Val Trp Asp Thr Ser Ser Asp His Pro Glu
1 5 10

<210> 81
<211> 375
<212> DNA
<213> Artificial Sequence

<220>
<223> ILT70080.6 VH

<400> 81
caggtgcagc tgggtgcaatc tggggctgag gtgaagaagc ctgggtcttc ggtgaaagtc 60
tcctgcaagg catctggaga cagcttcagg aactatgctg tcagttgggt gcgacaggcc 120
ccaggacaag gtcttgagtg gatgggagcg atgatgccta gttttggaac aaggagcac 180
tcacagcagt tccagggcag agtcaccctt accgcggacg aatccacgag cacagcctac 240
atggaactga gcagtctaag atctgaggac acggccgtct attactgtgc gggtagtcgg 300
gactacaatg cttaccattt ttggactggg ccccctgact tctggggccg aggaaccctg 360
gtcaccgtct cctca 375

<210> 82
<211> 125
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.6 VH

<400> 82

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

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Asp Ser Phe Arg Asn Tyr
20 25 30

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

Gly Ala Met Met Pro Ser Phe Gly Thr Arg Glu His Ser Gln Gln Phe
50 55 60

Gln Gly Arg Val Thr Leu Thr Ala Asp Glu Ser Thr Ser Thr Ala Tyr
65 70 75 80

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

Ala Gly Ser Arg Asp Tyr Asn Ala Tyr His Phe Trp Thr Gly Pro Pro
100 105 110

Asp	Phe	Trp	Gly	Arg	Gly	Thr	Leu	Val	Thr	Val	Ser	Ser
		115					120					125

<210> 83
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70080.6 VHCDR1

<400> 83

Asn	Tyr	Ala	Val	Ser
1				5

<210> 84
 <211> 17
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70080.6 VHCDR2

<400> 84

Ala	Met	Met	Pro	Ser	Phe	Gly	Thr	Arg	Glu	His	Ser	Gln	Gln	Phe	Gln
1				5					10					15	

Gly

<210> 85
 <211> 16
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70080.6 VHCDR3

<400> 85

Ser	Arg	Asp	Tyr	Asn	Ala	Tyr	His	Phe	Trp	Thr	Gly	Pro	Pro	Asp	Phe
1				5					10					15	

<210> 86
 <211> 324
 <212> DNA
 <213> Artificial Sequence

<220>

<223> ILT70080.6 VL

<400> 86

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tcctatgtgc tgactcagcc accctcagtg tcagtggccc caggaaagac ggccaggatt      60
acctgtgggg gagacagcgt tggcagtaca agtgtccact ggtaccagca gaagccgggc      120
cagggccctg tgctggcat ttattataac agtgaccggc cctcagggat ccctgagcga      180
ttctctggct ccaactctgg gaacacggcc accctgacca tcagcagggt cgaagccggg      240
gatgaggccg actattactg tcagggtgtgg gatactagta gtgatcatcc ggagttcggc      300
ggagggacca agctgaccgt ccta                                             324
```

<210> 87

<211> 108

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70080.6 VL

<400> 87

```
Ser Tyr Val Leu Thr Gln Pro Pro Ser Val Ser Val Ala Pro Gly Lys
1              5              10              15
```

```
Thr Ala Arg Ile Thr Cys Gly Gly Asp Ser Val Gly Ser Thr Ser Val
20              25              30
```

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

```
Tyr Asn Ser Asp Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
50              55              60
```

```
Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Arg Val Glu Ala Gly
65              70              75              80
```

```
Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Thr Ser Ser Asp His
85              90              95
```

```
Pro Glu Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100              105
```

<210> 88
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.6 VLCDR1

<400> 88

Gly Gly Asp Ser Val Gly Ser Thr Ser Val His
1 5 10

<210> 89
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.6 VLCDR2

<400> 89

Tyr Asn Ser Asp Arg Pro Ser
1 5

<210> 90
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.6 VLCDR3

<400> 90

Gln Val Trp Asp Thr Ser Ser Asp His Pro Glu
1 5 10

<210> 91
<211> 375
<212> DNA
<213> Artificial Sequence

<220>
<223> ILT70080.7 VH

<400> 91

caggtgcagc tgggtgcaatc tggggctgag gtgaagaagc ctgggtcttc ggtgaaagtc

60

<210> 93
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.7 VHCDR1

<400> 93

Asn Tyr Ala Val Ser
1 5

<210> 94
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.7 VHCDR2

<400> 94

Ala Met Met Pro Ser Phe Gly Thr Arg Glu His Ser Gln Gln Phe Gln
1 5 10 15

Gly

<210> 95
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.7 VHCDR3

<400> 95

Ser Arg Asp Tyr Asn Ala Tyr His Phe Trp Thr Gly Pro Pro Asp Phe
1 5 10 15

<210> 96
<211> 324
<212> DNA
<213> Artificial Sequence

<220>

<223> ILT70080.7 VL

<400> 96

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tcctatgtgc tgactcagcc accctcagtg tcagtggccc caggaaagac ggccaggatt      60
acctgtgggg gagacagcgt tggcagtaca agtgtccact ggtaccagca gaagccgggc      120
caggcccctg tgctggcat gttttataac agtgaccggc cctcagggat ccctgagcga      180
ttctctggct ccaactctgg gaacacggcc accctgacca tcagcagggt cgaagccggg      240
gatgaggccg actattactg tcagggtgtgg gatactagta gtgatcatcc ggagttcggc      300
ggagggacca agctgaccgt ccta                                             324
```

<210> 97

<211> 108

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70080.7 VL

<400> 97

```
Ser Tyr Val Leu Thr Gln Pro Pro Ser Val Ser Val Ala Pro Gly Lys
1              5              10              15
```

```
Thr Ala Arg Ile Thr Cys Gly Gly Asp Ser Val Gly Ser Thr Ser Val
20              25              30
```

```
His Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Met Phe
35              40              45
```

```
Tyr Asn Ser Asp Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
50              55              60
```

```
Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Arg Val Glu Ala Gly
65              70              75              80
```

```
Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Thr Ser Ser Asp His
85              90              95
```

```
Pro Glu Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100              105
```

<210> 98
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.7 VLCDR1

<400> 98

Gly	Gly	Asp	Ser	Val	Gly	Ser	Thr	Ser	Val	His
1				5					10	

<210> 99
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.7 VLCDR2

<400> 99

Tyr	Asn	Ser	Asp	Arg	Pro	Ser
1				5		

<210> 100
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70080.7 VLCDR3

<400> 100

Gln	Val	Trp	Asp	Thr	Ser	Ser	Asp	His	Pro	Glu
1				5					10	

<210> 101
<211> 375
<212> DNA
<213> Artificial Sequence

<220>
<223> ILT70083 VH

<400> 101

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tcctgtgcag cctctggatt cacctttagc agctatgccca tgagctgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtctcagct attagtggta gtggtggtag cacatactac 180
gcagactccg tgaagggctg gttcaccatc tccagagaca attccaagaa cacgctgtat 240
ctgcaaatga acagcctgag agccgaggac acggccgtgt attactgtgc gaggcggaca 300
tattactatg atagtgatgg tcactcggat gtttttgata tttggggccg gggcaccctg 360
gtcaccgtct cgagt 375

<210> 102
<211> 125
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083 VH

<400> 102

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

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
50 55 60

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

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

Ala Arg Arg Thr Tyr Tyr Tyr Asp Ser Asp Gly His Ser Asp Val Phe
100 105 110

Asp Ile Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 103
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083 VHCDR1

<400> 103

Ser Tyr Ala Met Ser
1 5

<210> 104
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083 VHCDR2

<400> 104

Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val Lys
1 5 10 15

Gly

<210> 105
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083 VHCDR3

<400> 105

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

<210> 106
<211> 330
<212> DNA
<213> Artificial Sequence

<220>
<223> ILT70083 VL

<400> 106
cagtctgtcg tgacgcagcc gccctcagtg tctgcggccc caggacagaa ggtcaccatc 60
tcctgtttctg gaagcgcctc caatattggg agtaattttg tgtcctggta ccaacaactc 120
cccgggagag cccccaaact cctcatttat gacaatgata aacgagactt agggattcct 180
gaccgcttct ctgcctccat ctcttccacg tcagccgccc tggccatcac cggactccag 240
actgaggacg aggccgatta ttactgcgga acatgggaca ccagtctgac tgttggggtt 300
ttcggcggag ggaccaagct gaccgtccta 330

<210> 107
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083 VL

<400> 107

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

Lys Val Thr Ile Ser Cys Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn
20 25 30

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

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

Ala Ser Ile Ser Ser Thr Ser Ala Ala Leu Ala Ile Thr Gly Leu Gln
65 70 75 80

Thr Glu Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Thr Ser Leu
85 90 95

Thr Val Gly Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105 110

<210> 108
<211> 13

<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083 VLCDR1

<400> 108

Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn Phe Val Ser
1 5 10

<210> 109
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083 VLCDR2

<400> 109

Asp Asn Asp Lys Arg Asp Leu
1 5

<210> 110
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083 VLCDR3

<400> 110

Gly Thr Trp Asp Thr Ser Leu Thr Val Gly Val
1 5 10

<210> 111
<211> 375
<212> DNA
<213> Artificial Sequence

<220>
<223> ILT70083.1 VH

<400> 111
gaggtgcagc tgttggagtc tgggggaggc ttggtacagc ctggggggtc cctgagactc 60
tcctgtgcag cctctggatt cacctttagc agctatgccca tgagctgggt ccgccaggct 120
ccagggaagg ggctggagtg ggtctcagct attagtggta gtggtggtag cacatactac 180

gcagactccg tgaagggctg gttcaccatc tccagagaca attccaagaa cacgctgtat 240
 ctgcaaatac acagcctgag agccgaggac acggccgtgt attactgtgc gaggcggaca 300
 tattactatg atagtgatgg tcactcggat gtttttgata tttggggccg gggcaccctg 360
 gtcaccgtct cgagt 375

<210> 112
 <211> 125
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.1 VH

<400> 112

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

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
 50 55 60

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

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

Ala Arg Arg Thr Tyr Tyr Tyr Asp Ser Asp Gly His Ser Asp Val Phe
 100 105 110

Asp Ile Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
 115 120 125

<210> 113
 <211> 5

<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.1 VHCDR1

<400> 113

Ser Tyr Ala Met Ser
1 5

<210> 114
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.1 VHCDR2

<400> 114

Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val Lys
1 5 10 15

Gly

<210> 115
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.1 VHCDR3

<400> 115

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

<210> 116
<211> 330
<212> DNA
<213> Artificial Sequence

<220>
<223> ILT70083.1 VL

<400> 116
cagtctgtcg tgacgcagcc gccctcagtg tctgcggccc caggacagaa gggtcaccatc

60

tcctgttctg gaagcgctc caatattggg agtaattttg tgtcctggta ccaacaactc 120
cccgggacag cccccaaact cctcatttat gacaatgata aacgagactt agggattcct 180
gaccgcttct ctgcctccat ctcttcacg tcagccaccc tgggcatcac cggactccag 240
actggggacg aggccgatta ttactgcgga acatgggaca ccagtctgac tgttgggggtt 300
ttcggcggag ggaccaagct gaccgtccta 330

<210> 117
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.1 VL

<400> 117

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

Lys Val Thr Ile Ser Cys Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn
20 25 30

Phe Val Ser Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu
35 40 45

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

Ala Ser Ile Ser Ser Thr Ser Ala Thr Leu Gly Ile Thr Gly Leu Gln
65 70 75 80

Thr Gly Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Thr Ser Leu
85 90 95

Thr Val Gly Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105 110

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

<220>

<223> ILT70083.1 VLCDR1

<400> 118

Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn Phe Val Ser
1 5 10

<210> 119

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.1 VLCDR2

<400> 119

Asp Asn Asp Lys Arg Asp Leu
1 5

<210> 120

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.1 VLCDR3

<400> 120

Gly Thr Trp Asp Thr Ser Leu Thr Val Gly Val
1 5 10

<210> 121

<211> 375

<212> DNA

<213> Artificial Sequence

<220>

<223> ILT70083.2 VH

<400> 121

gaggtgcagc tggtggagtc tgggggaggc ttggtacagc ctgggggggtc cctgagactc 60

tcctgtgcag cctctggatt cacctttagc agctatgcc a tgagctgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtctcagct attagtggtg gtggtggtag cacatactac 180

gcagactccg tgaagggtg gttcaccatc tccagagaca attccaagaa cagctgtat 240

ctgcaaatga acagcctgag agccgaggac acggccgtgt attactgtgc gaggcggaca 300
tattactatg atagtgatgg tcactcggat gtttttgata tttggggccg gggcaccctg 360
gtcaccgtct cgagt 375

<210> 122
<211> 125
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.2 VH

<400> 122

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

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
50 55 60

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

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

Ala Arg Arg Thr Tyr Tyr Tyr Asp Ser Asp Gly His Ser Asp Val Phe
100 105 110

Asp Ile Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 123
<211> 5
<212> PRT
<213> Artificial Sequence

<220>

<223> ILT70083.2 VHCDR1

<400> 123

Ser Tyr Ala Met Ser

1 5

<210> 124

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.2 VHCDR2

<400> 124

Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val Lys

1 5 10 15

Gly

<210> 125

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.2 VHCDR3

<400> 125

Arg Thr Tyr Tyr Tyr Asp Ser Asp Gly His Ser Asp Val Phe Asp Ile

1 5 10 15

<210> 126

<211> 330

<212> DNA

<213> Artificial Sequence

<220>

<223> ILT70083.2 VL

<400> 126

cagtctgtcc tgacgcagcc gccctcagtg tctgcggccc caggacagaa ggtcaccatc 60

tcctgttctg gaagcgcctc caatattggg agtaattttg tgtcctggta ccaacaactc 120

cccgggacag cccccaaact cctcatttat gacaatgata aacgagactt agggattcct 180
 gaccgcttct ctgcctccat ctcttcacg tcagccaccc tgggcatcac cggactccag 240
 actggggacg aggccgatta ttactgcgga acatgggaca ccagtctgac tgttgggggtt 300
 ttcggcggag ggaccaagct gaccgtccta 330

<210> 127
 <211> 110
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.2 VL

<400> 127

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

Lys Val Thr Ile Ser Cys Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn
 20 25 30

Phe Val Ser Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu
 35 40 45

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

Ala Ser Ile Ser Ser Thr Ser Ala Thr Leu Gly Ile Thr Gly Leu Gln
 65 70 75 80

Thr Gly Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Thr Ser Leu
 85 90 95

Thr Val Gly Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
 100 105 110

<210> 128
 <211> 13
 <212> PRT
 <213> Artificial Sequence

<220>

<223> ILT70083.2 VLCDR1

<400> 128

Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn Phe Val Ser
1 5 10

<210> 129

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.2 VLCDR2

<400> 129

Asp Asn Asp Lys Arg Asp Leu
1 5

<210> 130

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.2 VLCDR3

<400> 130

Gly Thr Trp Asp Thr Ser Leu Thr Val Gly Val
1 5 10

<210> 131

<211> 375

<212> DNA

<213> Artificial Sequence

<220>

<223> ILT70083.3 VH

<400> 131

gaggtgcagc tggtggagtc tgggggaggc ttggtacagc ctgggggggtc cctgagactc 60

tcctgtgcag cctctggatt cacctttagc agctatgcca tgagctgggt ccgccaggct 120

ccagggaagg ggctggagtg ggtctcagct attagtggta gtggtggtag cacatactac 180

gcagactccg tgaagggtc gttcaccatc tccagagaca attccaagaa cagctgttat 240

ctgcaaatga acagcctgag agccgaggac acggccgtgt attactgtgc gaggcggaca 300

tattactatg atagtgatgg tcactcggat gtttttgata tttggggccg gggcaccctg 360
 gtcaccgtct cgagt 375

<210> 132
 <211> 125
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.3 VH

<400> 132

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

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
 50 55 60

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

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

Ala Arg Arg Thr Tyr Tyr Tyr Asp Ser Asp Gly His Ser Asp Val Phe
 100 105 110

Asp Ile Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
 115 120 125

<210> 133
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>

<223> ILT70083.3 VHCDR1

<400> 133

Ser Tyr Ala Met Ser
1 5

<210> 134

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.3 VHCDR2

<400> 134

Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val Lys
1 5 10 15

Gly

<210> 135

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.3 VHCDR3

<400> 135

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

<210> 136

<211> 330

<212> DNA

<213> Artificial Sequence

<220>

<223> ILT70083.3 VL

<400> 136

cagtctgtcg tgacgcagcc gccctcagtg tctgcggccc caggacagaa ggtcaccatc 60

tcctgttctg gaagcgcctc caatattggg agtaattttg tgtcctggta ccaacaactc 120

cccgggacag cccccaaact cctcatttat gacaatgata aacgagactt agggattcct 180

gaccgcttct ctggctccaa atctggcacg tcagccaccc tgggcatcac cggactccag 240
 actgggggacg aggccgatta ttactgcgga acatggggaca ccagtctgac tgttgggggtt 300
 ttcggcggag ggaccaagct gaccgtccta 330

<210> 137
 <211> 110
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.3 VL

<400> 137

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

Lys Val Thr Ile Ser Cys Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn
 20 25 30

Phe Val Ser Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu
 35 40 45

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

Gly Ser Lys Ser Gly Thr Ser Ala Thr Leu Gly Ile Thr Gly Leu Gln
 65 70 75 80

Thr Gly Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Thr Ser Leu
 85 90 95

Thr Val Gly Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
 100 105 110

<210> 138
 <211> 13
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.3 VLCDR1

<400> 138

Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn Phe Val Ser
1 5 10

<210> 139

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.3 VLCDR2

<400> 139

Asp Asn Asp Lys Arg Asp Leu
1 5

<210> 140

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.3 VLCDR3

<400> 140

Gly Thr Trp Asp Thr Ser Leu Thr Val Gly Val
1 5 10

<210> 141

<211> 375

<212> DNA

<213> Artificial Sequence

<220>

<223> ILT70083.4 VH

<400> 141

gaggtgcagc	tggtggagtc	tgggggaggc	ttggtacagc	ctgggggggtc	cctgagactc	60
tcctgtgcag	cctctggatt	cacctttagc	agctatgcc	tgagctgggt	ccgccaggct	120
ccagggaagg	ggctggagtg	ggtctcagct	attagtggta	gtggtggtag	cacatactac	180
gcagactccg	tgaagggctg	gttcaccatc	tccagagaca	attccaagaa	cacgctgtat	240
ctgcaaatga	acagcctgag	agccgaggac	acggccgtgt	attactgtgc	gaggcggaca	300
tattactatg	atagtgatgg	tcactcggat	gtttttgata	tttggggccg	gggcaccctg	360

gtcaccgtct cgagt

375

<210> 142
<211> 125
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.4 VH

<400> 142

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

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
50 55 60

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

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

Ala Arg Arg Thr Tyr Tyr Tyr Asp Ser Asp Gly His Ser Asp Val Phe
100 105 110

Asp Ile Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 143
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.4 VHCDR1

<400> 143

Ser Tyr Ala Met Ser
1 5

<210> 144

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.4 VHCDR2

<400> 144

Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val Lys
1 5 10 15

Gly

<210> 145

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.4 VHCDR3

<400> 145

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

<210> 146

<211> 330

<212> DNA

<213> Artificial Sequence

<220>

<223> ILT70083.4 VL

<400> 146

cagtctgtcc tgacgcagcc gccctcagtg tctgcggccc caggacagaa ggtcaccatc 60

tcctgttctg gaagcgcctc caatattggg agtaattttg tgtcctggta ccaacaactc 120

cccgggacag ccccaaaact cctcatttat gacaatgata aacgagactt agggattcct 180

gaccgcttct ctggctccaa gtctggcacg tcagccaccc tgggcatcac cggactccag 240

actggggacg aggccgatta ttactgcgga acatgggaca ccagtctgac tgttggggtt 300
 ttcggcggag ggaccaagct gaccgtccta 330

<210> 147
 <211> 110
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.4 VL

<400> 147

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

Lys Val Thr Ile Ser Cys Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn
 20 25 30

Phe Val Ser Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu
 35 40 45

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

Gly Ser Lys Ser Gly Thr Ser Ala Thr Leu Gly Ile Thr Gly Leu Gln
 65 70 75 80

Thr Gly Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Thr Ser Leu
 85 90 95

Thr Val Gly Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
 100 105 110

<210> 148
 <211> 13
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.4 VLCDR1

<400> 148

Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn Phe Val Ser
 1 5 10

<210> 149
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.4 VLCDR2

<400> 149

Asp Asn Asp Lys Arg Asp Leu
 1 5

<210> 150
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.4 VLCDR3

<400> 150

Gly Thr Trp Asp Thr Ser Leu Thr Val Gly Val
 1 5 10

<210> 151
 <211> 375
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> ILT70083.5 VH

<400> 151
 gaggtgcagc tgttggagtc tgggggaggc ttggtacagc ctgggggggtc cctgagactc 60
 tcctgtgcag cctctggatt cacctttagc agctatgcc a tgagctgggt ccgccaggct 120
 ccagggaagg ggctggagtg ggtctcagct attagtggta gtggtggtag cacatactac 180
 gcagactccg tgaagggccg gttcaccatc tccagagaca attccaagaa cacgctgtat 240
 ctgcaaatga acagcctgag agccgaggac acggccgtgt attactgtgc gaggcggaca 300
 tattactatg atagtgatgg tcactcggat gtttttgata tttggggccg gggcaccctg 360
 gtcaccgtct cctca 375

<210> 152
 <211> 125
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.5 VH

<400> 152

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

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
 50 55 60

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

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

Ala Arg Arg Thr Tyr Tyr Tyr Asp Ser Asp Gly His Ser Asp Val Phe
 100 105 110

Asp Ile Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
 115 120 125

<210> 153
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.5 VHCDR1

<400> 153

Ser Tyr Ala Met Ser
1 5

<210> 154
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.5 VHCDR2

<400> 154

Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val Lys
1 5 10 15

Gly

<210> 155
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.5 VHCDR3

<400> 155

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

<210> 156
<211> 330
<212> DNA
<213> Artificial Sequence

<220>
<223> ILT70083.5 VL

<400> 156
cagtctgtcg tgacgcagcc gccctcagtg tctgcggccc caggacagaa ggtcaccatc 60
tcctgttctg gaagcgcctc caatattggg agtaattttg tgtcctggta ccaacaactc 120
cccgggagag ccccaaaact cctcatttat gacaatgata aacgagactt agggattcct 180
gaccgcttct ctgcctccat ctcttcacg tcagccgccc tggccatcac cggactccag 240
actgaggacg aggccgatta ttactgcgga acatgggaca ccagtctgac tgttgggggtt 300

ttcggcggag ggaccaagct gaccgtccta

330

<210> 157
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.5 VL

<400> 157

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

Lys Val Thr Ile Ser Cys Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn
20 25 30

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

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

Ala Ser Ile Ser Ser Thr Ser Ala Ala Leu Ala Ile Thr Gly Leu Gln
65 70 75 80

Thr Glu Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Thr Ser Leu
85 90 95

Thr Val Gly Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105 110

<210> 158
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.5 VLCDR1

<400> 158

Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn Phe Val Ser
1 5 10

<210> 159
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.5 VLCDR2

<400> 159

Asp Asn Asp Lys Arg Asp Leu
 1 5

<210> 160
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.5 VLCDR3

<400> 160

Gly Thr Trp Asp Thr Ser Leu Thr Val Gly Val
 1 5 10

<210> 161
 <211> 375
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> ILT70083.6 VH

<400> 161
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 tcctgtgcag cctctggatt cacctttagc agctatgccca tgagctgggt ccgccaggct 120
 ccagggaagg ggctggagtg ggtctcagct attagtggta gtggtggtag cacatactac 180
 gcagactccg tgaagggccg gttcaccatc tccagagaca attccaagaa cacgctgtat 240
 ctgcaaatga acagcctgag agccgaggac acggccgtgt attactgtgc gaggcggaca 300
 tattactatg atagtgatgg tcactcggat gtttttgata tttggggccg gggcaccctg 360
 gtcaccgtct cctca 375

<210> 162
 <211> 125
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.6 VH

<400> 162

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

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
 50 55 60

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

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

Ala Arg Arg Thr Tyr Tyr Tyr Asp Ser Asp Gly His Ser Asp Val Phe
 100 105 110

Asp Ile Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
 115 120 125

<210> 163
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.6 VHCDR1

<400> 163

Ser Tyr Ala Met Ser
 1 5

<210> 164
 <211> 17
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.6 VHCDR2

<400> 164

Ala	Ile	Ser	Gly	Ser	Gly	Gly	Ser	Thr	Tyr	Tyr	Ala	Asp	Ser	Val	Lys
1				5					10					15	

Gly

<210> 165
 <211> 16
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.6 VHCDR3

<400> 165

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

<210> 166
 <211> 330
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> ILT70083.6 VL

<400> 166

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tcctgttctg gaagcgcctc caatattggg agtaattttg tgtcctggta ccaacaactc	120
cccgggacag cccccaaact cctcatttat gacaatgata aacgagactt agggattcct	180
gaccgcttct ctgcctccat ctcttcacg tcagccaccc tgggcatcac cggactccag	240
actggggacg aggccgatta ttactgcgga acatgggaca ccagtctgac tgttgggggtt	300
ttcggcggag ggaccaagct gaccgtccta	330

<210> 167
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.6 VL

<400> 167

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

Lys Val Thr Ile Ser Cys Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn
20 25 30

Phe Val Ser Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu
35 40 45

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

Ala Ser Ile Ser Ser Thr Ser Ala Thr Leu Gly Ile Thr Gly Leu Gln
65 70 75 80

Thr Gly Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Thr Ser Leu
85 90 95

Thr Val Gly Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105 110

<210> 168
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.6 VLCDR1

<400> 168

Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn Phe Val Ser
1 5 10

<210> 169
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.6 VLCDR2

<400> 169

Asp Asn Asp Lys Arg Asp Leu
 1 5

<210> 170
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.6 VLCDR3

<400> 170

Gly Thr Trp Asp Thr Ser Leu Thr Val Gly Val
 1 5 10

<210> 171
 <211> 375
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> ILT70083.7 VH

<400> 171

gaggtgcagc tgttggagtc tgggggaggc ttggtacagc ctgggggggtc cctgagactc	60
tcctgtgcag cctctggatt cacctttagc agctatgcc a tgagctgggt ccgccaggct	120
ccagggaagg ggctggagtg ggtctcagct attagtggta gtggtggttag cacatactac	180
gcagactccg tgaagggccg gttcaccatc tccagagaca attccaagaa cacgctgtat	240
ctgcaaatga acagcctgag agccgaggac acggccgtgt attactgtgc gaggcggaca	300
tattactatg atagtgatgg tcactcggat gtttttgata tttggggccg gggcaccctg	360
gtcaccgtct cctca	375

<210> 172
 <211> 125

<212> PRT
<213> Artificial Sequence

<220>

<223> ILT70083.7 VH

<400> 172

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

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
50 55 60

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

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

Ala Arg Arg Thr Tyr Tyr Tyr Asp Ser Asp Gly His Ser Asp Val Phe
100 105 110

Asp Ile Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 173

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.7 VHCDR1

<400> 173

Ser Tyr Ala Met Ser
1 5

<210> 174
 <211> 17
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.7 VHCDR2

<400> 174

Ala	Ile	Ser	Gly	Ser	Gly	Gly	Ser	Thr	Tyr	Tyr	Ala	Asp	Ser	Val	Lys
1				5					10					15	

Gly

<210> 175
 <211> 16
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70083.7 VHCDR3

<400> 175

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

<210> 176
 <211> 330
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> ILT70083.7 VL

<400> 176	
cagtctgtcc tgacgcagcc gccctcagtg tctgcggccc caggacagaa ggtcaccatc	60
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cccgggacag cccccaaact cctcatttat gacaatgata aacgagactt agggattcct	180
gaccgcttct ctgcctccat ctcttcacg tcagccaccc tgggcatcac cggactccag	240
actggggacg aggccgatta ttactgcgga acatgggaca ccagtctgac tgttgggggtt	300
ttcggcggag ggaccaagct gaccgtccta	330

<210> 177
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.7 VL

<400> 177

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

Lys Val Thr Ile Ser Cys Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn
20 25 30

Phe Val Ser Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu
35 40 45

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

Ala Ser Ile Ser Ser Thr Ser Ala Thr Leu Gly Ile Thr Gly Leu Gln
65 70 75 80

Thr Gly Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Thr Ser Leu
85 90 95

Thr Val Gly Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105 110

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

<220>
<223> ILT70083.7 VLCDR1

<400> 178

Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn Phe Val Ser
1 5 10

<210> 179
<211> 7

<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.7 VLCDR2

<400> 179

Asp Asn Asp Lys Arg Asp Leu
1 5

<210> 180
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.7 VLCDR3

<400> 180

Gly Thr Trp Asp Thr Ser Leu Thr Val Gly Val
1 5 10

<210> 181
<211> 375
<212> DNA
<213> Artificial Sequence

<220>
<223> ILT70083.8 VH

<400> 181
gaggtgcagc tggtggagtc tgggggaggc ttggtacagc ctgggggggtc cctgagactc 60
tcctgtgcag cctctggatt cacctttagc agctatgcca tgagctgggt ccgccaggct 120
ccagggaagg ggctggagtg ggtctcagct attagtggta gtggtggtag cacatactac 180
gcagactccg tgaagggccg gttcaccatc tccagagaca attccaagaa cacgctgtat 240
ctgcaaatga acagcctgag agccgaggac acggccgtgt attactgtgc gaggcggaca 300
tattactatg atagtgatgg tcactcggat gtttttgata tttggggccg gggcaccctg 360
gtcaccgtct cctca 375

<210> 182
<211> 125
<212> PRT
<213> Artificial Sequence

<220>

<223> ILT70083.8 VH

<400> 182

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

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
50 55 60

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

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

Ala Arg Arg Thr Tyr Tyr Tyr Asp Ser Asp Gly His Ser Asp Val Phe
100 105 110

Asp Ile Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 183

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.8 VHCDR1

<400> 183

Ser Tyr Ala Met Ser
1 5

<210> 184

<211> 17

<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.8 VHCDR2

<400> 184

Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val Lys
1 5 10 15

Gly

<210> 185
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.8 VHCDR3

<400> 185

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

<210> 186
<211> 330
<212> DNA
<213> Artificial Sequence

<220>
<223> ILT70083.8 VL

<400> 186

cagtctgtcg tgacgcagcc gccctcagtg tctgcggccc caggacagaa ggtcaccatc 60
tcctgttctg gaagcgcctc caatattggg agtaattttg tgtcctggta ccaacaactc 120
cccgggacag ccccaaaact cctcatttat gacaatgata aacgagactt agggattcct 180
gaccgcttct ctggctccaa atctggcacg tcagccaccc tgggcatcac cggactccag 240
actggggacg aggccgatta ttactgcgga acatgggaca ccagtctgac tgttgggggtt 300
ttcggcggag ggaccaagct gaccgtccta 330

<210> 187
<211> 110

<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.8 VL

<400> 187

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

Lys Val Thr Ile Ser Cys Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn
20 25 30

Phe Val Ser Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu
35 40 45

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

Gly Ser Lys Ser Gly Thr Ser Ala Thr Leu Gly Ile Thr Gly Leu Gln
65 70 75 80

Thr Gly Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Thr Ser Leu
85 90 95

Thr Val Gly Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105 110

<210> 188
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70083.8 VLCDR1

<400> 188

Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn Phe Val Ser
1 5 10

<210> 189
<211> 7
<212> PRT
<213> Artificial Sequence

<220>

<223> ILT70083.8 VLCDR2

<400> 189

Asp Asn Asp Lys Arg Asp Leu
1 5

<210> 190

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.8 VLCDR3

<400> 190

Gly Thr Trp Asp Thr Ser Leu Thr Val Gly Val
1 5 10

<210> 191

<211> 375

<212> DNA

<213> Artificial Sequence

<220>

<223> ILT70083.9 VH

<400> 191

gaggtgcagc tggttgagtc tgggggaggc ttggtacagc ctgggggggtc cctgagactc 60

tcctgtgcag cctctggatt cacctttagc agctatgcca tgagctgggt ccgccaggct 120

ccagggaagg ggctggagt ggtctcagct attagtggta gtggtggtag cacatactac 180

gcagactccg tgaagggccg gttcaccatc tccagagaca attccaagaa cacgctgtat 240

ctgcaaata acagcctgag agccgaggac acggccgtgt attactgtgc gaggcggaca 300

tattactatg atagtgatgg tcactcggat gtttttgata tttggggccg gggcaccctg 360

gtcaccgtct cctca 375

<210> 192

<211> 125

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.9 VH

<400> 192

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

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
50 55 60

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

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

Ala Arg Arg Thr Tyr Tyr Tyr Asp Ser Asp Gly His Ser Asp Val Phe
100 105 110

Asp Ile Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 193

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.9 VHCDR1

<400> 193

Ser Tyr Ala Met Ser
1 5

<210> 194

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.9 VHCDR2

<400> 194

Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val Lys
1 5 10 15

Gly

<210> 195

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.9 VHCDR3

<400> 195

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

<210> 196

<211> 330

<212> DNA

<213> Artificial Sequence

<220>

<223> ILT70083.9 VL

<400> 196

cagtctgtcc tgacgcagcc gccctcagtg tctgcggccc caggacagaa ggtcaccatc 60
tcctgttctg gaagcgcctc caatattggg agtaattttg tgtcctggta ccaacaactc 120
cccgggacag cccccaaact cctcatttat gacaatgata aacgagactt agggattcct 180
gaccgcttct ctggctccaa gtctggcacg tcagccaccc tgggcatcac cggactccag 240
actggggacg aggccgatta ttactgcgga acatgggaca ccagtctgac tgttgggggtt 300
ttcggcggag ggaccaagct gaccgtccta 330

<210> 197

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.9 VL

<400> 197

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

Lys Val Thr Ile Ser Cys Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn
20 25 30

Phe Val Ser Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu
35 40 45

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

Gly Ser Lys Ser Gly Thr Ser Ala Thr Leu Gly Ile Thr Gly Leu Gln
65 70 75 80

Thr Gly Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Thr Ser Leu
85 90 95

Thr Val Gly Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105 110

<210> 198

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.9 VLCDR1

<400> 198

Ser Gly Ser Ala Ser Asn Ile Gly Ser Asn Phe Val Ser
1 5 10

<210> 199

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.9 VLCDR2

<400> 199

Asp Asn Asp Lys Arg Asp Leu
1 5

<210> 200

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70083.9 VLCDR3

<400> 200

Gly Thr Trp Asp Thr Ser Leu Thr Val Gly Val
1 5 10

<210> 201

<211> 366

<212> DNA

<213> Artificial Sequence

<220>

<223> ILT70137 VH

<400> 201

caggtacagc tgcagcagtc aggagctgag gtgaagaagc ctggggcctc agtgaaggtc	60
tcctgcaagg cttctgggta cacctttacc agctatggta tcagctgggt gcgacaggcc	120
cctggacaag ggcttgagtg gatgggatgg atcagcgctt acaatggtaa cacaactat	180
gcacagaagc tccagggcag agtcaccatg accacagaca catccacgag cacagcctac	240
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagaaatggc	300
ctctgggggt gggactctga tgcttttgat atctggggcc gaggaaccct ggtcaccgtc	360
tcctca	366

<210> 202

<211> 122

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70137 VH

<400> 202

Gln Val Gln Leu Gln 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 Ser Tyr
20 25 30

Gly Ile Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Trp Ile Ser Ala Tyr Asn Gly Asn Thr Asn Tyr Ala Gln Lys Leu
50 55 60

Gln Gly Arg Val Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr
65 70 75 80

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

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

Gly Arg Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 203

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70137 VHCDR1

<400> 203

Ser Tyr Gly Ile Ser
1 5

<210> 204

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70137 VHCDR2

<400> 204

Trp	Ile	Ser	Ala	Tyr	Asn	Gly	Asn	Thr	Asn	Tyr	Ala	Gln	Lys	Leu	Gln
1				5				10						15	

Gly

<210> 205

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70137 VHCDR3

<400> 205

Asn	Gly	Leu	Trp	Gly	Trp	Asp	Ser	Asp	Ala	Phe	Asp	Ile
1				5				10				

<210> 206

<211> 330

<212> DNA

<213> Artificial Sequence

<220>

<223> ILT70137 VL

<400> 206

cagtctgccc tgactcagcc tgcctccgtg tctgggtctc ctggacagtc gatcaccatc	60
tcctgcactg gaaccagcag tgacgttggt gggtataact atgtctcctg gtaccaacag	120
caccaggca aagccccaa actcatgatt tatgatgtca gtaatcggcc ctgaggggtt	180
tctaatacgt tctctggctc caagtctggc aacacggcct ccctgacat ctctgggctc	240
caggctgagg acgaggctga ttattactgc agctcatata caagcagcag cactgtggta	300
ttcggcggag ggaccaaggt caccgtccta	330

<210> 207

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70137 VL

<400> 207

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

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

Asn Tyr Val Ser Trp Tyr Gln Gln His Pro Gly Lys Ala Pro Lys Leu
35 40 45

Met Ile Tyr Asp Val Ser Asn Arg Pro Ser Gly Val Ser Asn Arg Phe
50 55 60

Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser Gly Leu
65 70 75 80

Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ser Ser Tyr Thr Ser Ser
85 90 95

Ser Thr Val Val Phe Gly Gly Gly Thr Lys Val Thr Val Leu
100 105 110

<210> 208

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70137 VLCDR1

<400> 208

Thr Gly Thr Ser Ser Asp Val Gly Gly Tyr Asn Tyr Val Ser
1 5 10

<210> 209

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70137 VLCDR2

<400> 209

Asp Val Ser Asn Arg Pro Ser
1 5

<210> 210

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70137 VLCDR3

<400> 210

Ser Ser Tyr Thr Ser Ser Ser Thr Val Val
1 5 10

<210> 211

<211> 360

<212> DNA

<213> Artificial Sequence

<220>

<223> ILT70052 VH

<400> 211

gaggtgcagc tggtggagtc tgggggaggc ttggtcaagc ctggagggtc cctgagactc 60
tcctgtgaag cctccggatt caccttcact gactactaca tgaactggat ccgccaggct 120
ccagggaagg ggctggagtg gatttcatac attagtcctg ggggtactac cgtatactac 180
gcagactctg tgaagggccg attcaccatc tccagggaca acgccaagaa ctcattatat 240
ctccaaatga acagcctgag agtcgaggac acggccgtct attactgtgc gagagacatt 300
agtggttatg gcgactggtt cgaccctgg ggcaagggca ccctgggtcac cgtctcgagt 360

<210> 212

<211> 120

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70052 VH

<400> 212

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

Ser Leu Arg Leu Ser Cys Glu Ala Ser Gly Phe Thr Phe Thr Asp Tyr
20 25 30

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

Ser Tyr Ile Ser Pro Gly Gly Thr Thr Val Tyr Tyr Ala Asp Ser Val
50 55 60

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

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

Ala Arg Asp Ile Ser Gly Tyr Gly Asp Trp Phe Asp Pro Trp Gly Lys
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 213
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70052 VHCDR1

<400> 213

Asp Tyr Tyr Met Asn
1 5

<210> 214
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70052 VHCDR2

<400> 214

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

Gly

<210> 215
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70052 VHCDR3

<400> 215

Asp Ile Ser Gly Tyr Gly Asp Trp Phe Asp Pro
 1 5 10

<210> 216
 <211> 330
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> ILT70052 VL

<400> 216
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 tcttgttctg gaagcagctc caacatcgga agtaataccg taaactggta ccagctgctc 120
 ccagctacgg cccccagaat cctcatctat aataataatc agcggccgtc aggggtccca 180
 gaccgattcg ctgggtccaa gtctggcacc tcagcctccc tggccatcag tgggctccag 240
 tctgaggatg aggctgatta ttactgtgga gcatgggatg acagcctgaa tagtccggtg 300
 ttcggcggag ggaccaagct gaccgtccta 330

<210> 217
 <211> 110
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70052 VL

<400> 217

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

Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser Asn
20 25 30

Thr Val Asn Trp Tyr Gln Leu Leu Pro Ala Thr Ala Pro Arg Ile Leu
35 40 45

Ile Tyr Asn Asn Asn Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ala
50 55 60

Gly Ser Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Ser Gly Leu Gln
65 70 75 80

Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Gly Ala Trp Asp Asp Ser Leu
85 90 95

Asn Ser Pro Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105 110

<210> 218
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70052 VLCDR1

<400> 218

Ser Gly Ser Ser Ser Asn Ile Gly Ser Asn Thr Val Asn
1 5 10

<210> 219
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70052 VLCDR2

<400> 219

Asn Asn Asn Gln Arg Pro Ser
1 5

<210> 220
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70052 VLCDR3

<400> 220

Gly Ala Trp Asp Asp Ser Leu Asn Ser Pro Val
 1 5 10

<210> 221
 <211> 360
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> ILT70100 VH

<400> 221
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 tcctgtgcag cctctggatt cacctttagc agctatgcca tgagctgggt ccgccaggct 120
 ccaggaagg ggctggagt ggtctcagct attagtggta gtggtggtag cacatactac 180
 gcagactccg tgaagggccg gttcaccatc tccagagaca attccaagaa cacgctgtat 240
 ctgcaaatga acagcctgag agccgaggac acggccgtgt attactgtgc gaggcattagg 300
 ggccgggtggc taccgtactt cgatctctgg ggccagggga caatgggtcac cgtctcgagt 360

<210> 222
 <211> 120
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70100 VH

<400> 222

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

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
50 55 60

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

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

Ala Arg His Arg Gly Arg Trp Leu Pro Tyr Phe Asp Leu Trp Gly Gln
100 105 110

Gly Thr Met Val Thr Val Ser Ser
115 120

<210> 223
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70100 VHCDR1

<400> 223

Ser Tyr Ala Met Ser
1 5

<210> 224
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70100 VHCDR2

<400> 224

Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val Lys
1 5 10 15

Gly

<210> 225
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70100 VHCDR3

<400> 225

His	Arg	Gly	Arg	Trp	Leu	Pro	Tyr	Phe	Asp	Leu
1				5					10	

<210> 226
<211> 321
<212> DNA
<213> Artificial Sequence

<220>
<223> ILT70100 VH

<400> 226
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atcacttgcc aggcgagtc ggacattcgc agctatttaa attggtatca gcaaaaacca 120
gggaaagccc ctaaactcct gatctatgat gtatccaatt tggaaaccgg ggtcccatca 180
cggttcagtg gaagtggatc tgggacagag tatactttca gcatcagcag cctgcagcct 240
gaagattttg caacatatta ttgtcaacag tatgataaag ccccgcttac tttcggcgga 300
gggaccaagg tggaaatcaa a 321

<210> 227
<211> 107
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70100 VL

<400> 227

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

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

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

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

Ser Gly Ser Gly Thr Glu Tyr Thr Phe Ser Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Asp Lys Ala Pro Leu
85 90 95

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

<210> 228
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70100 VLCDR1

<400> 228

Gln Ala Ser Gln Asp Ile Arg Ser Tyr Leu Asn
1 5 10

<210> 229
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70100 VLCDR2

<400> 229

Asp Val Ser Asn Leu Glu Thr
1 5

<210> 230
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70100 VLCDR3

<400> 230

Gln Gln Tyr Asp Lys Ala Pro Leu Thr
1 5

<210> 231
<211> 366
<212> DNA
<213> Artificial Sequence

<220>
<223> ILT70142 VH

<400> 231
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tcctgcaagg cttctgggta cacctttacc agctatggta tcagctgggt gcgacaggcc 120
cctggacaag ggcttgagt gatgggatgg atcagcgctt acaatggtaa cacaactat 180
gcacagaagc tccagggcag agtcacatg accagggaca cgtccatcag cacagcctac 240
atggagctga gcaggctgag atctgacgac acggccgtgt attactgtgc gagaaatggc 300
ctctgggggt gggactctga tgcttttgat atctgggggc aaggaccac ggtaaccgtc 360
tcgagt 366

<210> 232
<211> 122
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70142 VH

<400> 232

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 Ser Tyr
20 25 30

Gly Ile Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Trp Ile Ser Ala Tyr Asn Gly Asn Thr Asn Tyr Ala Gln Lys Leu
50 55 60

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

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

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

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

<210> 233
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70142 VHCDR1

<400> 233

Ser Tyr Gly Ile Ser
1 5

<210> 234
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70142 VHCDR2

<400> 234

Trp Ile Ser Ala Tyr Asn Gly Asn Thr Asn Tyr Ala Gln Lys Leu Gln
1 5 10 15

Gly

<210> 235
 <211> 13
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70142 VHCDR3

<400> 235

Asn Gly Leu Trp Gly Trp Asp Ser Asp Ala Phe Asp Ile
 1 5 10

<210> 236
 <211> 330
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> ILT70142 VL

<400> 236
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 tcctgctctg gaagcagctc caacattggg aataattatg tctcctggta ccagcagctc 120
 ccaggaacag cccccaaact cctcatttat gacaataata agcgaccctc agggattcct 180
 gaccgattct ctggctccaa gtctggcacg tcagccaccc tgggcatcac cggactccag 240
 actgggggacg aggccgatta ttactgcgga acatgggata gcagcctgag tgctggcgctc 300
 ttcggaactg ggaccagct caccgtttta 330

<210> 237
 <211> 110
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70142 VL

<400> 237

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

Lys Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Asn Asn
 20 25 30

Tyr Val Ser Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu
35 40 45

Ile Tyr Asp Asn Asn Lys Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser
50 55 60

Gly Ser Lys Ser Gly Thr Ser Ala Thr Leu Gly Ile Thr Gly Leu Gln
65 70 75 80

Thr Gly Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Ser Ser Leu
85 90 95

Ser Ala Gly Val Phe Gly Thr Gly Thr Gln Leu Thr Val Leu
100 105 110

<210> 238
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70142 VLCDR1

<400> 238

Ser Gly Ser Ser Ser Asn Ile Gly Asn Asn Tyr Val Ser
1 5 10

<210> 239
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70142 VLCDR2

<400> 239

Asp Asn Asn Lys Arg Pro Ser
1 5

<210> 240
<211> 11
<212> PRT
<213> Artificial Sequence

<220>

<223> ILT70142 VLCDR3

<400> 240

Gly Thr Trp Asp Ser Ser Leu Ser Ala Gly Val
1 5 10

<210> 241

<211> 366

<212> DNA

<213> Artificial Sequence

<220>

<223> ILT70144 VH

<400> 241

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tcctgcaagg cttctgggta cacctttacc agctatggta tcagctgggt gcgacaggcc 120
cctggacaag ggcttgagt gatgggatgg atcagcgctt acaatggtaa cacaaactat 180
gcacagaagc tccagggcag agtcaccatg accagggaca cgtccatcag cacagcctac 240
atggagctga gcaggctgag atctgacgac acggccgtgt attactgtgc gagaaatggc 300
ctctgggggt gggactctga tgcttttgat atctgggggc aagggaccac ggtcaccgtc 360
tcgagt 366

<210> 242

<211> 122

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70144 VH

<400> 242

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 Ser Tyr
20 25 30

Gly Ile Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Trp Ile Ser Ala Tyr Asn Gly Asn Thr Asn Tyr Ala Gln Lys Leu
50 55 60

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

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

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

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

<210> 243
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70144 VHCDR1

<400> 243

Ser Tyr Gly Ile Ser
1 5

<210> 244
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70144 VHCDR2

<400> 244

Trp Ile Ser Ala Tyr Asn Gly Asn Thr Asn Tyr Ala Gln Lys Leu Gln
1 5 10 15

Gly

<210> 245
 <211> 13
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70144 VHCDR3

<400> 245

Asn Gly Leu Trp Gly Trp Asp Ser Asp Ala Phe Asp Ile
 1 5 10

<210> 246
 <211> 330
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> ILT70144 VL

<400> 246
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 tcctgctctg gaagcagctc caacattggg aataattatg tctcctggta ccagcagctc 120
 ccaggaacag cccccaact cctcatttat gacaataata agcgaccctc agggattcct 180
 gaccgattct ctggctccaa gtctggcacg tcagccaccc tgggcatcac cggactccag 240
 actggggacg aggccgatta ttactgcgga acatgggata gcagcctgag tgctggcgtc 300
 ttcggaactg ggaccagct caccgtttta 330

<210> 247
 <211> 110
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70144 VL

<400> 247

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

Lys Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Asn Asn
 20 25 30

Tyr Val Ser Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu
35 40 45

Ile Tyr Asp Asn Asn Lys Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser
50 55 60

Gly Ser Lys Ser Gly Thr Ser Ala Thr Leu Gly Ile Thr Gly Leu Gln
65 70 75 80

Thr Gly Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Ser Ser Leu
85 90 95

Ser Ala Gly Val Phe Gly Thr Gly Thr Gln Leu Thr Val Leu
100 105 110

<210> 248
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70144 VLCDR1

<400> 248

Ser Gly Ser Ser Ser Asn Ile Gly Asn Asn Tyr Val Ser
1 5 10

<210> 249
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70144 VLCDR2

<400> 249

Asp Asn Asn Lys Arg Pro Ser
1 5

<210> 250
<211> 11
<212> PRT
<213> Artificial Sequence

<220>

<223> ILT70144 VLCDR3

<400> 250

Gly Thr Trp Asp Ser Ser Leu Ser Ala Gly Val
1 5 10

<210> 251

<211> 351

<212> DNA

<213> Artificial Sequence

<220>

<223> ILT70019 VH

<400> 251

caggtccagc tgggtgcagtc tgggggaggc ctggtcaagc ctgggggggtc cctgagactc 60
tcctgtgcag cctctggatt caccttcagt agctatagca tgaactgggt ccgccaggct 120
ccagggaagg ggctggagtg ggtctcatcc attagtagta gtagttacat atactacgca 180
gactcagtga agggccgatt caccatctcc cgagacaacg ccaagaactc actgtatctg 240
caaatgaaca gcctgagagc cgaggacacg gctgtgtatt actgtgcgag agaggcacca 300
aatggtctaa ttgactaccg gggccggggg acaatggtca ccgtctcttc a 351

<210> 252

<211> 117

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70019 VH

<400> 252

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

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Ser Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ser Ile Ser Ser Ser Ser Tyr Ile Tyr Tyr Ala Asp Ser Val Lys
50 55 60

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

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

Arg Glu Ala Pro Asn Gly Leu Ile Asp Tyr Arg Gly Arg Gly Thr Met
100 105 110

Val Thr Val Ser Ser
115

<210> 253
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70019 VHCDR1

<400> 253

Ser Tyr Ser Met Asn
1 5

<210> 254
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70019 VHCDR2

<400> 254

Ser Ile Ser Ser Ser Ser Tyr Ile Tyr Tyr Ala Asp Ser Val Lys Gly
1 5 10 15

<210> 255
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70019 VHCDR3

<400> 255

Glu Ala Pro Asn Gly Leu Ile Asp Tyr
1 5

<210> 256

<211> 321

<212> DNA

<213> Artificial Sequence

<220>

<223> ILT70019 VL

<400> 256

gacatcgtga tgaccagtc tccttcacc ctgtctgcat ctgtaggaga cagagtcacc 60
atcacttgcc gggccagtca gggattagtg agctgggttg cctgggtatca gcagaaacca 120
gggagagccc ctaaggctct gatctataag gcatctactt tagaaagtgg ggtcccatca 180
aggttcagcg gcagtggatc tgggacagat ttcactctca ccatcagcag tctgcaacct 240
gaagattttg caacttacta ctgtcaacag agttacagta ccccggtggac gttcggccaa 300
gggaccaagc tggagatcaa a 321

<210> 257

<211> 107

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70019 VL

<400> 257

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

Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser Trp
20 25 30

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

Tyr Lys Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

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

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

<210> 258
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70019 VLCDR1

<400> 258

Arg Ala Ser Gln Gly Ile Ser Ser Trp Leu Ala
1 5 10

<210> 259
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70019 VLCDR2

<400> 259

Lys Ala Ser Thr Leu Glu Ser
1 5

<210> 260
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70019 VLCDR3

<400> 260

Gln Gln Ser Tyr Ser Thr Pro Trp Thr
1 5

<210> 261
<211> 351
<212> DNA
<213> Artificial Sequence

<220>
<223> ILT70028 VH

<400> 261
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acgtgcgacg tccagaatgg gtccttcagt actcactact ggacttggat ccgccagccc 120
ccagggaagg ggctggagtg gattggagac atcaatcaaa ggggaagtac caaccacaat 180
ccgtccctca ggagtcgact caccatatca gtagaccgt ccaagaatca gttctcagtg 240
aggttgactt ctgtgaccgc cgcggacacg gctgtctatt actgtgcgag attgaacgac 300
gatgatgctt ttgatatctg gggccggggg acaatggtca ccgtctcgag t 351

<210> 262
<211> 117
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70028 VH

<400> 262

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

Thr Leu Ser Leu Thr Cys Asp Val Gln Asn Gly Ser Phe Ser Thr His
20 25 30

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

Gly Asp Ile Asn Gln Arg Gly Ser Thr Asn His Asn Pro Ser Leu Arg
50 55 60

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

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

Arg Leu Asn Asp Asp Asp Ala Phe Asp Ile Trp Gly Arg Gly Thr Met
100 105 110

Val Thr Val Ser Ser
115

<210> 263
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70028 VHCDR1

<400> 263

Thr His Tyr Trp Thr
1 5

<210> 264
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70028 VHCDR2

<400> 264

Asp Ile Asn Gln Arg Gly Ser Thr Asn His Asn Pro Ser Leu Arg Ser
1 5 10 15

<210> 265
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70028 VHCDR3

<400> 265

Leu Asn Asp Asp Asp Ala Phe Asp Ile
1 5

<210> 266
<211> 330

<212> DNA
<213> Artificial Sequence

<220>
<223> ILT70028 VL

<400> 266
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tcgtgttctg gaagcagctc caacatcggg agtcatactg taaattggta ccaacatctc 120
gcaggaacgg cccccaaact cctcatctat agtaataatc agcggccctc aggggtccct 180
gaccgattct ctggctccaa gtctgcctcc tcagcctccc tggccatcag tgggctccag 240
tctgaggatg aggctgatta ttactgtgca gcctgggatg ccggtgtcga tggttatgtc 300
ttcggaaccg ggaccaaggt caccgtccta 330

<210> 267
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70028 VL

<400> 267

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

Gly Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser His
20 25 30

Thr Val Asn Trp Tyr Gln His Leu Ala Gly Thr Ala Pro Lys Leu Leu
35 40 45

Ile Tyr Ser Asn Asn Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser
50 55 60

Gly Ser Lys Ser Ala Ser Ser Ala Ser Leu Ala Ile Ser Gly Leu Gln
65 70 75 80

Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ala Trp Asp Ala Gly Val
85 90 95

Asp	Gly	Tyr	Val	Phe	Gly	Thr	Gly	Thr	Lys	Val	Thr	Val	Leu
			100					105					110

<210> 268
 <211> 13
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70028 VLCDR1

<400> 268

Ser	Gly	Ser	Ser	Ser	Asn	Ile	Gly	Ser	His	Thr	Val	Asn
1				5					10			

<210> 269
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70028 VLCDR2

<400> 269

Ser	Asn	Asn	Gln	Arg	Pro	Ser
1			5			

<210> 270
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> ILT70028 VLCDR3

<400> 270

Ala	Ala	Trp	Asp	Ala	Gly	Val	Asp	Gly	Tyr	Val
1				5					10	

<210> 271
 <211> 354
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> ILT70076 VH

<400> 271
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tcctgcaagg cttctggtta cacctttacc agctacggta tcagctgggt gcgacaggcc 120
cctggacaag ggcttgagtg gatgggatgg atcagcgctt acaatggtaa cacaactat 180
gcacagaagc tccagggcag agtcaccatg accacagaca catccacgag cacagcctac 240
atggagctga ggagcctgag atctgacgac acggccgtgt attactgtgc gagagggtccg 300
gggtggctgg gctttgacta ctggggccgg ggcaccctgg tcaccgtctc gagt 354

<210> 272
<211> 118
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70076 VH

<400> 272

Glu Val Gln Leu Val Glu 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 Ser Tyr
20 25 30

Gly Ile Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Trp Ile Ser Ala Tyr Asn Gly Asn Thr Asn Tyr Ala Gln Lys Leu
50 55 60

Gln Gly Arg Val Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr
65 70 75 80

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

Ala Arg Gly Pro Gly Trp Leu Gly Phe Asp Tyr Trp Gly Arg Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 273
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70076 VHCDR1

<400> 273

Ser Tyr Gly Ile Ser
1 5

<210> 274
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70076 VHCDR2

<400> 274

Trp Ile Ser Ala Tyr Asn Gly Asn Thr Asn Tyr Ala Gln Lys Leu Gln
1 5 10 15

Gly

<210> 275
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70076 VHCDR3

<400> 275

Gly Pro Gly Trp Leu Gly Phe Asp Tyr
1 5

<210> 276
<211> 330
<212> DNA
<213> Artificial Sequence

<220>

<223> ILT70076 VL

<400> 276

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tcctgcactg gaaccagcag tgacgttggt ggttataact atgtctcttg gtaccaacaa      120
gacccaggca aggcccccaa actcatgatt tataatgtca gtaatcggcc ctcaggggtt      180
tctaatcgct tctctggctc caagtctggc aatacggcct ccctgaccat ctctgggctc      240
caggctgagg acgaggctga ttattactgc agttcatata caagcagcag cacttatgtc      300
ttcggaactg ggaccaagct gaccgtccta      330
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<210> 277

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70076 VL

<400> 277

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

```
Ser Ile Thr Ile Ser Cys Thr Gly Thr Ser Ser Asp Val Gly Gly Tyr
          20          25          30
```

```
Asn Tyr Val Ser Trp Tyr Gln Gln Asp Pro Gly Lys Ala Pro Lys Leu
          35          40          45
```

```
Met Ile Tyr Asn Val Ser Asn Arg Pro Ser Gly Val Ser Asn Arg Phe
          50          55          60
```

```
Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser Gly Leu
65          70          75          80
```

```
Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ser Ser Tyr Thr Ser Ser
          85          90          95
```

```
Ser Thr Tyr Val Phe Gly Thr Gly Thr Lys Leu Thr Val Leu
          100         105         110
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<210> 278
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70076 VHCDR1

<400> 278

Thr Gly Thr Ser Ser Asp Val Gly Gly Tyr Asn Tyr Val Ser
1 5 10

<210> 279
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70076 VHCDR2

<400> 279

Asn Val Ser Asn Arg Pro Ser
1 5

<210> 280
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70076 VHCDR3

<400> 280

Ser Ser Tyr Thr Ser Ser Ser Thr Tyr Val
1 5 10

<210> 281
<211> 360
<212> DNA
<213> Artificial Sequence

<220>
<223> ILT70089 VH

<400> 281

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tcctgtgcag cctctggatt cacctttagc agctatgccca tgagctgggt ccgccaggct 120

ccaggggaagg ggctggagtg ggtctcagct attagtggta gtggtggtag cacatactac 180
gcagactccg tgaagggccg gctcaccatc tccagagaca attccaagaa cacgctgtat 240
ctgcaaatga acagcctgag agccgaggac acggccgtgt attactgtgc gaaagattta 300
ggatatactt tagatacaag tgacttctgg ggccggggca ccctggtcac cgtctcgagt 360

<210> 282
<211> 120
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70089 VH

<400> 282

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

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
50 55 60

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

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

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

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 283
<211> 5

<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70089 VHCDR1

<400> 283

Ser Tyr Ala Met Ser
1 5

<210> 284
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70089 VHCDR2

<400> 284

Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val Lys
1 5 10 15

Gly

<210> 285
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70089 VHCDR3

<400> 285

Asp Leu Gly Tyr Thr Leu Asp Thr Ser Asp Phe
1 5 10

<210> 286
<211> 330
<212> DNA
<213> Artificial Sequence

<220>
<223> ILT70089 VL

<400> 286
tcctatgtgc tgactcagcc accctcagcg tctgggtccc ccgggcaggg gggtcaccatc

60

tcttgttctg gaagcagctc caacatcgga actaatactg taaactggta cctgcacgtt 120
ccaggaacgg cccccaaact cctcacttat actaataatc agcggccctc aggggtccaa 180
gatcgattct ctggctccaa gtctgacacg tcagcctccc tggccatcag tgggctccag 240
gctgaggatg agggtgatta ttactgtgcg acatgggatg acagcctgaa tggtctagcg 300
ttcggcggag ggaccaagct gaccgtccta 330

<210> 287
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> ILT70089 VL

<400> 287

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

Gly Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Thr Asn
20 25 30

Thr Val Asn Trp Tyr Leu His Val Pro Gly Thr Ala Pro Lys Leu Leu
35 40 45

Thr Tyr Thr Asn Asn Gln Arg Pro Ser Gly Val Gln Asp Arg Phe Ser
50 55 60

Gly Ser Lys Ser Asp Thr Ser Ala Ser Leu Ala Ile Ser Gly Leu Gln
65 70 75 80

Ala Glu Asp Glu Gly Asp Tyr Tyr Cys Ala Thr Trp Asp Asp Ser Leu
85 90 95

Asn Gly Leu Ala Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105 110

<210> 288
<211> 13
<212> PRT
<213> Artificial Sequence

<220>

<223> ILT70089 VLCDR1

<400> 288

Ser Gly Ser Ser Ser Asn Ile Gly Thr Asn Thr Val Asn
1 5 10

<210> 289

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70089 VLCDR2

<400> 289

Thr Asn Asn Gln Arg Pro Ser
1 5

<210> 290

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> ILT70089 VLCDR3

<400> 290

Ala Thr Trp Asp Asp Ser Leu Asn Gly Leu Ala
1 5 10

<210> 291

<211> 499

<212> PRT

<213> Homo sapiens

<400> 291

Met Thr Leu Ile Leu Thr Ser Leu Leu Phe Phe Gly Leu Ser Leu Gly
1 5 10 15

Pro Arg Thr Arg Val Gln Ala Glu Asn Leu Pro Lys Pro Ile Leu Trp
20 25 30

Ala Glu Pro Gly Pro Val Ile Thr Trp His Asn Pro Val Thr Ile Trp

35

40

45

Cys Gln Gly Thr Leu Glu Ala Gln Gly Tyr Arg Leu Asp Lys Glu Gly
50 55 60

Asn Ser Met Ser Arg His Ile Leu Lys Thr Leu Glu Ser Glu Asn Lys
65 70 75 80

Val Lys Leu Ser Ile Pro Ser Met Met Trp Glu His Ala Gly Arg Tyr
85 90 95

His Cys Tyr Tyr Gln Ser Pro Ala Gly Trp Ser Glu Pro Ser Asp Pro
100 105 110

Leu Glu Leu Val Val Thr Ala Tyr Ser Arg Pro Thr Leu Ser Ala Leu
115 120 125

Pro Ser Pro Val Val Thr Ser Gly Val Asn Val Thr Leu Arg Cys Ala
130 135 140

Ser Arg Leu Gly Leu Gly Arg Phe Thr Leu Ile Glu Glu Gly Asp His
145 150 155 160

Arg Leu Ser Trp Thr Leu Asn Ser His Gln His Asn His Gly Lys Phe
165 170 175

Gln Ala Leu Phe Pro Met Gly Pro Leu Thr Phe Ser Asn Arg Gly Thr
180 185 190

Phe Arg Cys Tyr Gly Tyr Glu Asn Asn Thr Pro Tyr Val Trp Ser Glu
195 200 205

Pro Ser Asp Pro Leu Gln Leu Leu Val Ser Gly Val Ser Arg Lys Pro
210 215 220

Ser Leu Leu Thr Leu Gln Gly Pro Val Val Thr Pro Gly Glu Asn Leu
225 230 235 240

Thr Leu Gln Cys Gly Ser Asp Val Gly Tyr Ile Arg Tyr Thr Leu Tyr
245 250 255

Lys Glu Gly Ala Asp Gly Leu Pro Gln Arg Pro Gly Arg Gln Pro Gln
260 265 270

Ala Gly Leu Ser Gln Ala Asn Phe Thr Leu Ser Pro Val Ser Arg Ser
275 280 285

Tyr Gly Gly Gln Tyr Arg Cys Tyr Gly Ala His Asn Val Ser Ser Glu
290 295 300

Trp Ser Ala Pro Ser Asp Pro Leu Asp Ile Leu Ile Ala Gly Gln Ile
305 310 315 320

Ser Asp Arg Pro Ser Leu Ser Val Gln Pro Gly Pro Thr Val Thr Ser
325 330 335

Gly Glu Lys Val Thr Leu Leu Cys Gln Ser Trp Asp Pro Met Phe Thr
340 345 350

Phe Leu Leu Thr Lys Glu Gly Ala Ala His Pro Pro Leu Arg Leu Arg
355 360 365

Ser Met Tyr Gly Ala His Lys Tyr Gln Ala Glu Phe Pro Met Ser Pro
370 375 380

Val Thr Ser Ala His Ala Gly Thr Tyr Arg Cys Tyr Gly Ser Arg Ser
385 390 395 400

Ser Asn Pro Tyr Leu Leu Ser His Pro Ser Glu Pro Leu Glu Leu Val
405 410 415

Val Ser Gly Ala Thr Glu Thr Leu Asn Pro Ala Gln Lys Lys Ser Asp
420 425 430

Ser Lys Thr Ala Pro His Leu Gln Asp Tyr Thr Val Glu Asn Leu Ile
435 440 445

Arg Met Gly Val Ala Gly Leu Val Leu Leu Phe Leu Gly Ile Leu Leu
450 455 460

Phe Glu Ala Gln His Ser Gln Arg Ser Pro Pro Arg Cys Ser Gln Glu

465 470 475 480

Ala Asn Ser Arg Lys Asp Asn Ala Pro Phe Arg Val Val Glu Pro Trp
 485 490 495

Glu Gln Ile

<210> 292
 <211> 483
 <212> PRT
 <213> Cynomolgus monkey

<400> 292

Pro Arg Thr His Met Gln Ala Glu Asn Leu Leu Lys Pro Ile Leu Trp
 1 5 10 15

Ala Glu Pro Gly Pro Val Ile Ile Trp Lys Lys Pro Val Thr Ile Trp
 20 25 30

Cys Gln Gly Thr Leu Glu Ala Gln Glu Tyr Arg Leu Asp Lys Glu Gly
 35 40 45

Asn Ser Ile Ser Arg His Met Leu Lys Thr Leu Glu Ser Glu Asn Lys
 50 55 60

Ala Lys Phe Ser Ile Pro Ser Met Met Trp Glu His Ala Gly Arg Tyr
 65 70 75 80

His Cys Tyr Tyr Gln Ser Pro Ala Gly Trp Ser Glu Pro Ser Asp Pro
 85 90 95

Leu Glu Leu Val Val Thr Ala Tyr Ser Arg Pro Ser Leu Ser Ala Leu
 100 105 110

Pro Ser Pro Val Val Thr Ser Gly Val Asn Val Thr Leu Arg Cys Ala
 115 120 125

Ser Arg Leu Gly Leu Gly Arg Phe Thr Leu Ile Glu Glu Gly Asp His
 130 135 140

Arg Leu Ser Trp Thr Leu Asp Ser His Gln His Asn His Gly Lys Phe
 145 150 155 160

Gln Ala Leu Phe Pro Val Gly Pro Leu Thr Phe Ser Asn Arg Gly Thr
 165 170 175

Phe Arg Cys Tyr Gly Tyr Glu Asn Asn Thr Pro Tyr Val Trp Ser Glu
 180 185 190

Pro Ser Asp Pro Leu Gln Leu Leu Val Ser Gly Val Ser Arg Lys Pro
 195 200 205

Ser Leu Leu Thr Leu Gln Gly Pro Val Val Ala Pro Gly Asp Asn Leu
 210 215 220

Thr Leu Gln Cys Gly Ser Asp Val Gly Tyr Ile Arg Tyr Ala Leu Tyr
 225 230 235 240

Lys Glu Gly Gly Asp Gly Leu Pro Gln Arg Pro Gly Gln Gln Ser Gln
 245 250 255

Ala Gly Leu Ser Gln Ala Ser Phe Thr Leu Asn Pro Val Arg Gly Ser
 260 265 270

His Gly Gly Gln Tyr Arg Cys Tyr Gly Ala His Asn Val Ser Ser Lys
 275 280 285

Trp Ser Ala Pro Ser Asp Pro Leu Asp Ile Leu Ile Ala Gly Gln Ile
 290 295 300

Pro Asp Arg Pro Ser Leu Ser Val Gln Leu Gly Pro Thr Val Ala Ser
 305 310 315 320

Gly Glu Lys Val Thr Leu Leu Cys Gln Ser Trp Gly Pro Met Phe Thr
 325 330 335

Phe Leu Leu Ala Lys Glu Gly Ala Ala His Pro Pro Leu Arg Leu Arg
 340 345 350

Ser Thr Tyr Arg Ala Gln Gln Tyr Gln Ala Glu Phe Pro Met Ser Pro
 355 360 365

Val Thr Ser Ala His Ala Gly Thr Tyr Arg Cys Tyr Gly Ser Arg Ser
370 375 380

Ser Asp Pro Tyr Leu Leu Ser His Ser Ser Glu Pro Leu Glu Leu Val
385 390 395 400

Val Ser Glu Ala Thr Glu Thr Leu Asn Pro Ala Gln Asn Lys Ser Asp
405 410 415

Ser Lys Thr Ala Pro His Leu Gln Asp Tyr Thr Val Glu Asn Leu Ile
420 425 430

Arg Met Gly Ile Ala Gly Leu Val Leu Val Phe Leu Gly Ile Leu Leu
435 440 445

Phe Glu Ala Gln Gln Ser Gln Arg Ser Pro Thr Arg Cys Ser Gln Glu
450 455 460

Val Asn Ser Arg Glu Asp Asn Ala Pro Phe Arg Val Val Glu Pro Trp
465 470 475 480

Glu Gln Ile