

SEQUENCE LISTING

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<120> Ligands That Bind IL-13

<130> DB00059 WO

<150> USSN 12/152,903

<151> 2008-05-15

<150> PCT/EP2008/067295

<151> 2008-12-13

<150> USSN 12/397,826

<151> 2009-03-05

<160> 15

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 118

<212> PRT

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sequence

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Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Phe	Ala	Trp	Tyr	20	25	30	
Asp	Met	Gly	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Val	35	40	45	
Ser	Ser	Ile	Asp	Trp	His	Gly	Glu	Val	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	Thr	Ala	Glu	Asp	Glu	Pro	Gly	Tyr	Asp	Tyr	Trp	Gly	Gln	Gly	Thr	100	105	110	
Leu	Val	Thr	Val	Ser	Ser											115			

<210> 2

<211> 354

<212> DNA

<213> Artificial Sequence

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sequence

<400> 2

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ccagggaagg gtctagagtg ggtctcaagt attgattggc atgggtgaggt tacatactac 180
gcagactccg tgaagggccg gttcaccatc tcccgcgaca attccaagaa cacgctgtat 240
ctgcaaataa acagcctgcg tgccgaggac accgcggtat attactgtgc gacagcggag 300
gacgagcccg ggtatgacta ctgggggccag ggaaccctgg tcaccgtctc tagc 354
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<210> 3

<211> 360

<212> DNA

<213> Artificial Sequence

<220>

<223> Artificial sequence derived from Homo sapiens
sequence

<400> 3

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cctggaaagg gattggaatg ggtttcctcc attgattggc acggtgaagt tacttactac 180
gctgactccg ttaagggaaag attcactatc tccagagaca actccaagaa cactttgtac 240
ttgcagatga actccttgag agctgaggat actgctgttt actactgtgc tacagctgaa 300
gatgaaccag gttacgacta ctggggacag ggaactttgg ttactgtttc ctctagtag 360
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<210> 4

<211> 360

<212> DNA

<213> Artificial Sequence

<220>

<223> Artificial sequence derived from Homo sapiens
sequence

<400> 4

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ggtgttcaat tggtggaatc cgggtggtgga ttggttcaac ctggtgggttc tttgagattg 60
tcctgtgctg cttccggttt tactttcgct tggtagaca tgggatgggt tagacaagct 120
cctggaaagg gattggagtg ggtttcctcc attgattggc acggtgaagt tacttactac 180
gctgactccg ttaagggaaag attcactatc tccagagaca actccaagaa cactttgtac 240
ttgcagatga actccttgag agctgaggat actgctgttt actactgtgc tactgctgaa 300
gatgaaccag gttacgacta ctggggacag ggaactttgg ttactgtttc ctctagtag 360
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<210> 5

<211> 354

<212> DNA

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<220>

<223> Artificial sequence derived from Homo sapiens
sequence

<400> 5

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cctggtaaag gtctggagtg ggtgtctacc attagcccat ctgctcgtgg tacgtattac 180
gctgacagcg taaaaggctc ttttaccatc tcccgcgata actctaaaaa cactctgtac 240
ctgcaaataa attctctgcg tgctgaggac accgcagtat actactgcgc aaaagcctac 300
actggccgtt ccctgtgggg cccgggtacc ctggtgactg taagctctta atga 354
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<210> 6
<211> 116
<212> PRT
<213> Artificial Sequence

<220>
<223> Artificial sequence derived from Homo sapiens
sequence

<400> 6
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 Val Ala Ser Gly Phe Thr Phe Asp Val Ala
20 25 30
Glu Met Asp Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45
Ser Thr Ile Ser Pro Ser Arg Arg Gly 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 Lys Ala Tyr Thr Gly Arg Ser Leu Trp Gly Pro Gly Thr Leu Val
100 105 110
Thr Val Ser Ser
115

<210> 7
<211> 116
<212> PRT
<213> Artificial Sequence

<220>
<223> Artificial sequence derived from Homo sapiens
sequence

<400> 7
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 Asp Val Ala
20 25 30
Glu Met Asp Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45
Ser Thr Ile Ser Pro Ser Arg Arg Gly 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 Lys Ala Tyr Thr Gly Arg Ser Trp Trp Gly Pro Gly Thr Leu Val
100 105 110
Thr Val Ser Ser
115

<210> 8
<211> 116
<212> PRT
<213> Artificial Sequence

<220>
<223> Artificial sequence derived from Homo sapiens

sequence

<400> 8

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Glu Val His 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 Asp Ser Ala
           20           25           30
Glu Met Asp Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
           35           40           45
Ser Thr Ile Ser Pro Ser Arg Arg Gly 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 Ile Tyr Tyr Cys
           85           90           95
Ala Lys Ala Tyr Thr Gly Arg Ser Tyr Trp Gly Pro Gly Thr Leu Val
           100           105           110
Thr Val Ser Ser
           115

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<210> 9

<211> 116

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial sequence derived from Homo sapiens
sequence

<400> 9

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Gly 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 Asp Ser Ala
           20           25           30
Glu Met Asp Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
           35           40           45
Ser Thr Ile Ser Pro Ser Arg Arg Gly 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 Lys Ala Tyr Thr Gly Arg Ser Tyr Trp Gly Pro Gly Thr Leu Val
           100           105           110
Thr Val Ser Ser
           115

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<210> 10

<211> 116

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial sequence derived from Homo sapiens
sequence

<400> 10

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Gly 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 Val Ala Ser Gly Phe Thr Phe Asp Val Ala
           20           25           30

```

Glu	Met	Asp	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Val
	35						40					45			
Ser	Thr	Ile	Ser	Pro	Ser	Arg	Arg	Gly	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	Lys	Ala	Tyr	Thr	Gly	Arg	Ser	Leu	Trp	Gly	Pro	Gly	Thr	Leu	Val
			100					105					110		
Thr	Val	Ser	Ser												
			115												

<210> 11
 <211> 348
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Artificial sequence derived from Homo sapiens
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<400> 11
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 ccagggaagg gtctagagtg ggtctcaact atttcgccgt cgaggagggg gacatactac 180
 gcagactccg tgaagggccg gttcaccatc tcccgcgaca attccaagaa cacgctgtat 240
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 acggggagga gcttggtggg tccgggaacc ctggtcaccg tctcgagc 348

<210> 12
 <211> 348
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Artificial sequence derived from Homo sapiens
 sequence

<400> 12
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 ccagggaagg gtctagagtg ggtctcaact atttcgccgt cgaggagggg gacatactac 180
 gcagactccg tgaagggccg gttcaccatc tcccgcgaca attccaagaa cacgctgtat 240
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<210> 13
 <211> 348
 <212> DNA<213> Artificial Sequence

<220>
 <223> Artificial sequence derived from Homo sapiens
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<400> 13
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 ccagggaagg gtctagagtg ggtctcaact atttcgccgt cgaggagggg gacatactac 180
 gcagactccg tgaagggccg gttcaccatc tcccgcgaca attccaagaa cacgctgtat 240
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accgggagga gctactgggg tccgggaacc ctggtcaccg tctcgagc 348

<210> 14
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<212> DNA
<213> Artificial Sequence

<220>
<223> Artificial sequence derived from Homo sapiens
sequence

<400> 14
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ccagggaagg gtctagagtg ggtctcaact atttcgccgt cgaggagagg gacatactac 180
gcagactccg tgaagggccg gttcaccatc tcccgcgaca attccaagaa cacgctgtat 240
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accgggagga gctactgggg tccgggaacc ctggtcaccg tctcgagc 348

<210> 15
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<212> DNA
<213> Artificial Sequence

<220>
<223> Artificial sequence derived from Homo sapiens
sequence

<400> 15
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ccagggaagg gtctagagtg ggtctcaact atttcgccgt cgaggagggg gacatactac 180
gcagactccg tgaagggccg gttcaccatc tcccgcgaca attccaagaa cacgctgtat 240
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accgggagga gcttgtgggg tccgggaacc ctggtcaccg tctcgagc 348

<210> 16
<211> 347
<212> DNA
<213> Artificial Sequence

<220>
<223> Consensus

<400> 16
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tcytgygcag cswscggmtt caccttcgcy tggtagata tgggstgggt ycgycaggct 120
ccrggsaarg gtctragatg ggtstcwst atygaytggc atggygaggt tacmtactay 180
gcractcyg tkaarggycg kttcaccatc tcccgygaya aywscaaraa cacsctgtay 240
ctgcaratga acagcctgcg ygcygargac accgcggtat aytactgtgc gacmgckgag 300
gaygarccgg gktaygacta ytggggccag ggmacyctgg tcacsgt 347