

LISTADO DE SECUENCIAS

<110> Adaptate Biotherapeutics Ltd
 <120> ANTICUERPOS ANTI-VARIABLE DELTA 1 DE TCR
 <130> P204748W0
 <150> GB2102224.9
 <151> 17-02-2021
 <150> GB2111685.0
 <151> 14-08-2021
 <160> 563
 <170> PatentIn versión 3.5
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 <213> Homo Sapiens

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<223> Pesado variable de ADT1-4

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

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

Trp	Leu	Gly	Arg	Thr	Tyr	Tyr	Arg	Ser	Lys	Trp	Ser	Thr	Asp	Tyr	Ala
	50					55					60				

Ala	Ser	Val	Lys	Ser	Arg	Ile	Thr	Ile	Asn	Pro	Asp	Thr	Ser	Lys	Asn
65					70					75					80

Gln	Leu	Ser	Leu	Gln	Leu	Asn	Ser	Val	Thr	Pro	Glu	Asp	Thr	Ala	Val
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Tyr Tyr Cys Ala Arg Thr Trp Ser Gly Tyr Val Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 2
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<223> Pesado variable de ADT1-4-105

<400> 2

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

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<223> Pesado variable de ADT1-4-107

<400> 3

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Ala Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 4
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<223> Pesado variable de ADT1-4-110

<400> 4

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Glu Tyr Val Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Tyr Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

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<223> Pesado variable de ADT1-4-117

<400> 6

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Arg Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 8
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<223> Pesado variable de ADT1-4-21

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Ala Asp Tyr Val Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 9
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<223> Pesado variable de ADT1-4-31

<400> 9

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Ala Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 10

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<212> PRT

<213> Homo sapiens

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<223> Pesado variable de ADT1-4-139

<400> 10

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Tyr Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 11
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<223> Pesado variable de ADT1-4-4

<400> 11

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Ala Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 12
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<223> Pesado variable de ADT1-4-143

<400> 12

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Ala Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 13
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<223> Pesado variable de ADT1-4-53

<400> 13

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Ala Asp Tyr Val Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 14
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<223> Pesado variable de ADT1-4-173

<400> 14

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Ala Gly Tyr Pro Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 15

<211> 120

<212> PRT

<213> Homo sapiens

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<223> Pesado variable de ADT1-4-2

<400> 15

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Arg Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 16
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<212> PRT
<213> Homo sapiens

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<223> Pesado variable de ADT1-4-8

<400> 16

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Ser Trp Val Gly Tyr Val Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 17
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<223> Pesado variable de ADT1-4-82

<400> 17

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Ser Trp Val Gly Tyr Val Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

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

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<223> Pesado variable de ADT1-4-83

<400> 18

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Ser Trp Val Gly Tyr Val Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

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

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<223> Pesado variable de ADT1-4-3

<400> 19

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Ala Asp Tyr Val Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 20
<211> 120
<212> PRT
<213> Homo sapiens

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<223> Pesado variable de ADT1-4-84

<400> 20

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Ala Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 21

<211> 120

<212> PRT

<213> Homo sapiens

<220>

<223> Pesado variable de ADT1-4-86

<400> 21

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Leu Gly Asn Val Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 22
<211> 120
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de ADT1-4-95

<400> 22

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Ala Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 23
<211> 120
<212> PRT
<213> Homo sapiens

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<223> Pesado variable de ADT1-4-1

<400> 23

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Ala Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 24
<211> 120
<212> PRT
<213> Homo sapiens

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<223> Pesado variable de ADT1-4-6

<400> 24

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Ala Gly Tyr Pro Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 25
<211> 120
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de ADT1-4-138

<400> 25

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Ala Asp Tyr Val Asp Val Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 26

<211> 110

<212> PRT

<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4

<400> 26

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

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

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

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

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

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

Pro Gln Val Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys
100 105 110

<210> 27
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-105

<400> 27

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

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

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

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

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

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

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

<210> 28
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-107

<400> 28

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

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

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

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

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

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

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

<210> 29
<211> 108
<212> PRT
<213> Homo sapiens

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<223> Liviano variable de ADT1-4-110

<400> 29

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

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

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

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

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

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

Val	Thr	Phe	Gly	Ala	Gly	Thr	Arg	Leu	Glu	Ile	Lys
			100					105			

<210> 30

<211> 108

<212> PRT

<213> Homo sapiens

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<223> Liviano variable de ADT1-4-112

<400> 30

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

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

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

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

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

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

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

<210> 31
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-117

<400> 31

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

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

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

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

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

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

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

<210> 32
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-19

<400> 32

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

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

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

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

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

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

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

<210> 33
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-21

<400> 33

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

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

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

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

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

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

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

<210> 34

<211> 108

<212> PRT

<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-31

<400> 34

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

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

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

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

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

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

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

<210> 35
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-139

<400> 35

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

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

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

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

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

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

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

<210> 36
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-4

<400> 36

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

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

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

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

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

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

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

<210> 37
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-143

<400> 37

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

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

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

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

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

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

Val Thr Phe Gly Gln Gly Thr Arg Leu Val Ile Lys
100 105

<210> 38

<211> 108

<212> PRT

<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-53

<400> 38

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

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

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

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

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

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

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

<210> 39
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-173

<400> 39

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

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

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

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

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

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

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

<210> 40
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-2

<400> 40

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

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

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

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

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

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

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

<210> 41
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-8

<400> 41

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

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

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

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

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

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

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

<210> 42

<211> 108

<212> PRT

<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-82

<400> 42

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

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

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

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

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

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

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

<210> 43
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-83

<400> 43

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

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

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

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

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

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

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

<210> 44
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-3

<400> 44

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

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

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

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

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

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

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

<210> 45
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-84

<400> 45

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

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

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

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

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

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

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

<210> 46
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-86

<400> 46

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

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

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

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

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

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

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

<210> 47
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-95

<400> 47

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

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

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

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

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

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

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

<210> 48
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-1

<400> 48

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

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

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

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

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

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

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

<210> 49
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-6

<400> 49

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

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

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

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

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

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

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

<210> 50
<211> 108
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-4-138

<400> 50

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

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

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

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

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

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

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

<210> 51
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4 VHCDR1 (parental y clones con maduración de afinidad)

<400> 51

Gly Asp Ser Val Ser Ser Lys Ser Ala Ala
1 5 10

<210> 52
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-21/ADT1-4-53/ADT1-4-86 VHCDR1

<400> 52

Gly Asp Ser Val Ser Ser Lys Ser Val Ala
1 5 10

<210> 53
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4 VHCDR2 (parental y todos los clones con maduración de afinidad)

<400> 53

Thr Tyr Tyr Arg Ser Lys Trp Ser Thr
1 5

<210> 54

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4 VHCDR3

<400> 54

Thr Trp Ser Gly Tyr Val Asp Val
1 5

<210> 55

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-105 VHCDR3

<400> 55

Thr Trp Val Gly Tyr Val Asp Val
1 5

<210> 56

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-107 VHCDR3

<400> 56

Thr Trp Val Gly Tyr Ala Asp Val
1 5

<210> 57
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-110 VHCDR3

<400> 57

Thr Trp Val Glu Tyr Val Asp Val
1 5

<210> 58
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-112 VHCDR3

<400> 58

Thr Trp Val Gly Tyr Val Asp Tyr
1 5

<210> 59
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-117 VHCDR3

<400> 59

Thr Trp Val Gly Tyr Val Asp Val
1 5

<210> 60
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-19 VHCDR3

<400> 60

Thr Trp Val Gly Tyr Val Asp Arg
1 5

<210> 61

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-21 VHCDR3

<400> 61

Thr Trp Ala Asp Tyr Val Asp Val
1 5

<210> 62

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-31 VHCDR3

<400> 62

Thr Trp Val Gly Tyr Ala Asp Val
1 5

<210> 63

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-139 VHCDR3

<400> 63

Thr Trp Val Gly Tyr Val Asp Tyr
1 5

<210> 64
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-4 VHCDR3

<400> 64

Thr Trp Val Gly Tyr Ala Asp Val
1 5

<210> 65
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-143 VHCDR3

<400> 65

Thr Trp Val Gly Tyr Ala Asp Val
1 5

<210> 66
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-53 VHCDR3

<400> 66

Thr Trp Ala Asp Tyr Val Asp Val
1 5

<210> 67
<211> 8

<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-173 VHCDR3

<400> 67

Thr Trp Ala Gly Tyr Pro Asp Val
1 5

<210> 68
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-2 VHCDR3

<400> 68

Thr Trp Val Gly Tyr Val Asp Arg
1 5

<210> 69
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-8 VHCDR3

<400> 69

Thr Trp Val Gly Tyr Ala Asp Val
1 5

<210> 70
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-82 VHCDR3

<400> 70

Ser Trp Val Gly Tyr Val Asp Val
1 5

<210> 71

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-83 VHCDR3

<400> 71

Ser Trp Val Gly Tyr Val Asp Val
1 5

<210> 72

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-3 VHCDR3

<400> 72

Thr Trp Ala Asp Tyr Val Asp Val
1 5

<210> 73

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-84 VHCDR3

<400> 73

Thr Trp Val Gly Tyr Ala Asp Val
1 5

<210> 74
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-86 VHCDR3

<400> 74

Thr Trp Leu Gly Asn Val Asp Val
1 5

<210> 75
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-95 VHCDR3

<400> 75

Thr Trp Val Gly Tyr Ala Asp Val
1 5

<210> 76
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-1 VHCDR3

<400> 76

Thr Trp Val Gly Tyr Ala Asp Val
1 5

<210> 77
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-6 VHCDR3

<400> 77

Thr Trp Ala Gly Tyr Pro Asp Val
1 5

<210> 78

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-138 VHCDR3

<400> 78

Thr Trp Ala Asp Tyr Val Asp Val
1 5

<210> 79

<211> 6

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4 VLCDR1 (parental y todos los clones con maduración de afinidad)

<400> 79

Gln Asp Ile Asn Asp Trp
1 5

<210> 80

<211> 3

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4 VLCDR2 (parental y todos los clones con maduración de afinidad)

<400> 80

Asp Ala Ser
1

<210> 81

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4 VLCDR3

<400> 81

Gln Gln Ser Tyr Ser Thr Pro Gln Val Thr
1 5 10

<210> 82

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-105 VLCDR3

<400> 82

Gln Gln Lys Tyr Ser Thr Pro Gln Ile Thr
1 5 10

<210> 83

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-107 VLCDR3

<400> 83

Gln Gln Arg Tyr Ser Thr Pro Gln Ile Thr
1 5 10

<210> 84
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-110 VLCDR3

<400> 84

Gln	Gln	Lys	Tyr	Ser	Thr	Pro	Gln	Val	Thr
1				5					10

<210> 85
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-112 VLCDR3

<400> 85

Gln	Gln	Lys	Tyr	Ser	Gln	Pro	Gln	Val	Thr
1				5					10

<210> 86
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-117 VLCDR3

<400> 86

Gln	Gln	Arg	Tyr	Ser	Thr	Pro	Arg	Val	Thr
1				5					10

<210> 87
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-19 VLCDR3

<400> 87

Gln	Gln	Lys	Tyr	Ser	Thr	Pro	Lys	Val	Thr
1				5					10

<210> 88

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-21 VLCDR3

<400> 88

Gln	Gln	Lys	Tyr	Ser	Thr	Pro	Trp	Val	Thr
1				5					10

<210> 89

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-31 VLCDR3

<400> 89

Gln	Gln	Arg	Tyr	Ser	Thr	Pro	Pro	Val	Thr
1				5					10

<210> 90

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-139 VLCDR3

<400> 90

Gln Gln Gly Tyr Ser Thr Pro Gln Leu Thr
1 5 10

<210> 91
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-4 VLCDR3

<400> 91

Gln Gln Lys Tyr Ser Thr Pro Trp Val Thr
1 5 10

<210> 92
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-143 VLCDR3

<400> 92

Gln Gln Arg Tyr Ser Thr His Gln Val Thr
1 5 10

<210> 93
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-53 VLCDR3

<400> 93

Gln Gln Lys Tyr Ser Thr Pro Gln Leu Thr
1 5 10

<210> 94
<211> 10

<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-173 VLCDR3

<400> 94

Gln	Gln	Lys	Tyr	Ser	Ala	Pro	Gln	Val	Thr
1				5					10

<210> 95
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-2 VLCDR3

<400> 95

Gln	Gln	Lys	Tyr	Ser	Ala	Pro	Gln	Val	Thr
1				5					10

<210> 96
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-8 VLCDR3

<400> 96

Gln	Gln	Lys	Tyr	Ser	Ala	Pro	Gln	Val	Thr
1				5					10

<210> 97
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-82 VLCDR3

<400> 97

Gln	Gln	Arg	Tyr	Ser	Thr	Pro	Gln	Ile	Thr
1				5					10

<210> 98

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-83 VLCDR3

<400> 98

Gln	Gln	Lys	Tyr	Ser	Glu	Pro	Gln	Val	Thr
1				5					10

<210> 99

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-3 VLCDR3

<400> 99

Gln	Gln	Lys	Tyr	Ser	Thr	Pro	Glu	Val	Thr
1				5					10

<210> 100

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-84 VLCDR3

<400> 100

Gln	Gln	Lys	Tyr	Ser	Asp	Pro	Gln	Val	Thr
1				5					10

<210> 101
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-86 VLCDR3

<400> 101

Gln	Gln	Lys	Tyr	Ser	Glu	Pro	Gln	Val	Thr
1				5					10

<210> 102
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-95 VLCDR3

<400> 102

Gln	Gln	Lys	Tyr	Ser	Thr	Pro	Gln	Val	Thr
1				5					10

<210> 103
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-1 VLCDR3

<400> 103

Gln	Gln	Arg	Tyr	Ser	Thr	Pro	Ile	Val	Thr
1				5					10

<210> 104
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-6 VLCDR3

<400> 104

Gln	Gln	Lys	Tyr	Lys	Thr	Pro	Gln	Val	Thr
1				5					10

<210> 105

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-138 VLCDR3

<400> 105

Gln	Gln	Arg	Tyr	Ser	Thr	Asp	Gln	Val	Thr
1				5					10

<210> 106

<211> 118

<212> PRT

<213> Homo sapiens

<220>

<223> Pesado variable de ADT1-7

<400> 106

Gln	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	Ala	Ala	Ser	Gly	Phe	Thr	Phe	Ser	Asp	Tyr
			20					25					30		

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

Ser	Tyr	Ile	Ser	Ser	Ser	Gly	Ser	Thr	Ile	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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Val Asp Tyr Ala Asp Ala Phe Asp Ile Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 107
<211> 118
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de ADT1-7-10

<400> 107

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

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

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile 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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Asp Tyr Asn Asp Ala Phe Asp Ile Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 108
<211> 118
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de ADT1-7-15

<400> 108

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

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

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile 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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Asp Tyr Asn Asp Ala Phe Asp Ile Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 109
<211> 118

<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de ADT1-7-17

<400> 109

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

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

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile 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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Tyr Glu Asp Ala Phe Asp Ile Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 110
<211> 118
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de ADT1-7-18

<400> 110

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

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

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile 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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Val Ser Tyr Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 111
<211> 118
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de ADT1-7-19

<400> 111

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

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

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile 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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ile Asp Tyr Glu Asp Ala Phe Asp Ile Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 112
<211> 118
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de ADT1-7-20

<400> 112

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

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

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile 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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Val Asp Tyr Gln Glu Ala Phe Asp Ile Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 113
<211> 118
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de ADT1-7-22

<400> 113

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

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

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile 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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Asp Tyr Asn Asp Ala Phe Asp Ile Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 114
<211> 118
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de ADT1-7-23

<400> 114

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

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

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile 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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Val Asp Tyr Asn Glu Ala Phe Asp Ile Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 115
<211> 118
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de ADT1-7-42

<400> 115

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

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

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile 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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Asp Tyr Glu Asp Ala Phe Asp Ile Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 116

<211> 118

<212> PRT

<213> Homo sapiens

<220>

<223> Pesado variable de ADT1-7-3

<400> 116

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

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

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile 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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Val Ser Tyr Ala Glu Ala Phe Asp Ile Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 117
<211> 118
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de ADT1-7-61

<400> 117

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

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

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile 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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Asp Tyr Asp Asp Ala Phe Asp Ile Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 118
<211> 109
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-7

<400> 118

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

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

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

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

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

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

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

<210> 119
<211> 107
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-7-10

<400> 119

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

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

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

Tyr Val Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

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

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

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

<210> 120
<211> 107
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-7-15

<400> 120

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

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

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

Tyr Val Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu 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 Ala Asp Thr Leu Leu
85 90 95

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

<210> 121
<211> 107
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-7-17

<400> 121

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

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

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

Tyr Val Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu 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 Gly Ser Glu Leu Leu
85 90 95

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

<210> 122
<211> 107
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-7-18

<400> 122

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

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

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

Tyr Val Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu 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 Ala Ser Glu Leu Leu
85 90 95

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

<210> 123
<211> 107
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-7-19

<400> 123

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

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

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

Tyr Val Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu 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 Ala Ser Glu Leu Leu
85 90 95

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

<210> 124
<211> 107
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-7-20

<400> 124

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

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

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

Tyr Val Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu 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 Gly Leu Asp
85 90 95

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

<210> 125
<211> 107
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-7-22

<400> 125

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

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

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

Tyr Val Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu 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 Ala Ser Glu Leu Leu
85 90 95

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

<210> 126
<211> 107
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-7-23

<400> 126

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

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

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

Tyr Val Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu 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 Gly Leu Asp
85 90 95

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

<210> 127
<211> 107

<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-7-42

<400> 127

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

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

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

Tyr Val Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu 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 Ser Ser Glu Leu Leu
85 90 95

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

<210> 128
<211> 107
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-7-3

<400> 128

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

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

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

Tyr Val Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu 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 Gly Leu Asp
85 90 95

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

<210> 129
<211> 107
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de ADT1-7-61

<400> 129

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

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

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

Tyr Val Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu 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 Ala Ser Glu Leu Leu
85 90 95

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

<210> 130
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7 VHCDR1 (parental y todos los clones con maduración de afinidad)

<400> 130

Gly Phe Thr Phe Ser Asp Tyr Tyr
1 5

<210> 131
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7 VHCDR2 (parental y todos los clones con maduración de afinidad)

<400> 131

Ile Ser Ser Ser Gly Ser Thr Ile
1 5

<210> 132
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7 VHCDR3

<400> 132

Val Asp Tyr Ala Asp Ala Phe Asp Ile
1 5

<210> 133
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7-10 VHCDR3

<400> 133

Asp Asp Tyr Asn Asp Ala Phe Asp Ile
1 5

<210> 134
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7-15 VHCDR3

<400> 134

Asp Asp Tyr Asn Asp Ala Phe Asp Ile
1 5

<210> 135
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7-17 VHCDR3

<400> 135

Ile Asp Tyr Glu Asp Ala Phe Asp Ile
1 5

<210> 136
<211> 9

<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7-18 VHCDR3

<400> 136

Val Ser Tyr Asp Asp Ala Phe Asp Ile
1 5

<210> 137
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7-19 VHCDR3

<400> 137

Ile Asp Tyr Glu Asp Ala Phe Asp Ile
1 5

<210> 138
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7-20 VHCDR3

<400> 138

Val Asp Tyr Gln Glu Ala Phe Asp Ile
1 5

<210> 139
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7-22 VHCDR3

<400> 139

Asp Asp Tyr Asn Asp Ala Phe Asp Ile
1 5

<210> 140

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-7-23 VHCDR3

<400> 140

Val Asp Tyr Asn Glu Ala Phe Asp Ile
1 5

<210> 141

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-7-42 VHCDR3

<400> 141

Asp Asp Tyr Glu Asp Ala Phe Asp Ile
1 5

<210> 142

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-7-3 VHCDR3

<400> 142

Val Ser Tyr Ala Glu Ala Phe Asp Ile
1 5

<210> 143
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7-61 VHCDR3

<400> 143

Asp Asp Tyr Asp Asp Ala Phe Asp Ile
1 5

<210> 144
<211> 6
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7 VLCDR1 (parental y todos los clones con maduración de afinidad)

<400> 144

Gln Ser Ile Gly Thr Tyr
1 5

<210> 145
<211> 3
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7 VLCDR2 (parental y todos los clones con maduración de afinidad)

<400> 145

Val Ala Ser
1

<210> 146
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7 VLCDR3

<400> 146

Gln Gln Ser Tyr Ser Thr Leu Leu Thr
1 5

<210> 147

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-7-10 VLCDR3

<400> 147

Gln Gln Thr Ala Ser Thr Leu Leu Thr
1 5

<210> 148

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-7-15 VLCDR3

<400> 148

Gln Gln Ser Ala Asp Thr Leu Leu Thr
1 5

<210> 149

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-7-17 VLCDR3

<400> 149

Gln Gln Ser Gly Ser Glu Leu Leu Thr
1 5

<210> 150

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-7-18 VLCDR3

<400> 150

Gln Gln Ser Ala Ser Glu Leu Leu Thr
1 5

<210> 151

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-7-19 VLCDR3

<400> 151

Gln Gln Ser Ala Ser Glu Leu Leu Thr
1 5

<210> 152

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-7-20 VLCDR3

<400> 152

Gln Gln Ser Tyr Ser Gly Leu Asp Thr
1 5

<210> 153
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7-22 VLCDR3

<400> 153

Gln Gln Ser Ala Ser Glu Leu Leu Thr
1 5

<210> 154
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7-23 VLCDR3

<400> 154

Gln Gln Ser Tyr Ser Gly Leu Asp Thr
1 5

<210> 155
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7-42 VLCDR3

<400> 155

Gln Gln Ser Ser Ser Glu Leu Leu Thr
1 5

<210> 156
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7-3 VLCDR3

<400> 156

Gln Gln Ser Tyr Ser Gly Leu Asp Thr
1 5

<210> 157

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-7-61 VLCDR3

<400> 157

Gln Gln Ser Ala Ser Glu Leu Leu Thr
1 5

<210> 158

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-4 o
fragmento de fijación al antígeno de este: HCDR1

<220>

<221> misc_feature

<223> X es cualquier aminoácido

<220>

<221> misc_feature

<222> (9)..(9)

<223> Xaa puede ser cualquier aminoácido natural

<400> 158

Gly Asp Ser Val Ser Ser Lys Ser Xaa Ala
1 5 10

<210> 159

<211> 10

<212> PRT
<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-4 o
fragmento de fijación al antígeno de este: HCDR1

<220>
<221> misc_feature
<223> X es A o V

<220>
<221> misc_feature
<222> (9)..(9)
<223> Xaa puede ser cualquier aminoácido natural

<400> 159

Gly	Asp	Ser	Val	Ser	Ser	Lys	Ser	Xaa	Ala
1				5				10	

<210> 160
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-4 o
fragmento de fijación al antígeno de este: HCDR1

<220>
<221> misc_feature
<223> X es A o V

<220>
<221> misc_feature
<222> (9)..(9)
<223> Xaa puede ser cualquier aminoácido natural

<400> 160

Gly	Asp	Ser	Val	Ser	Ser	Lys	Ser	Xaa	Ala
1				5				10	

<210> 161
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-4 o
fragmento de fijación al antígeno de este: HCDR1

<220>

<221> misc_feature

<223> X es A o V

<220>

<221> misc_feature

<222> (9)..(9)

<223> Xaa puede ser cualquier aminoácido natural

<400> 161

Gly	Asp	Ser	Val	Ser	Ser	Lys	Ser	Xaa	Ala
1				5					10

<210> 162

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-4 o
fragmento de fijación al antígeno de este: HCDR3

<220>

<221> misc_feature

<223> X es cualquier aminoácido

<220>

<221> misc_feature

<222> (1)..(1)

<223> Xaa puede ser cualquier aminoácido natural

<220>

<221> misc_feature

<222> (3)..(6)

<223> Xaa puede ser cualquier aminoácido natural

<220>

<221> misc_feature

<222> (8)..(8)

<223> Xaa puede ser cualquier aminoácido natural

<400> 162

Xaa Trp Xaa Xaa Xaa Xaa Asp Xaa
1 5

<210> 163
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-4 o
fragmento de fijación al antígeno de este: HCDR3

<220>
<221> misc_feature
<222> (1)..(1)
<223> X es S o T

<220>
<221> misc_feature
<222> (3)..(3)
<223> X es V, A o L

<220>
<221> misc_feature
<222> (4)..(4)
<223> X es G, E o D

<220>
<221> misc_feature
<222> (5)..(5)
<223> X es Y o N

<220>
<221> misc_feature
<222> (6)..(6)
<223> X es V, A o P

<220>
<221> misc_feature
<222> (8)..(8)
<223> X es V, Y o R

<400> 163

Xaa Trp Xaa Xaa Xaa Xaa Asp Xaa
1 5

<210> 164
<211> 8
<212> PRT

<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-4 o fragmento de fijación al antígeno de este: HCDR3

<220>

<221> misc_feature

<222> (1)..(1)

<223> X es S o T

<220>

<221> misc_feature

<222> (3)..(3)

<223> X es V, A o L

<220>

<221> misc_feature

<222> (4)..(4)

<223> X es G, E o D

<220>

<221> misc_feature

<222> (5)..(5)

<223> X es Y o N

<220>

<221> misc_feature

<222> (6)..(6)

<223> X es V, A o P

<220>

<221> misc_feature

<222> (8)..(8)

<223> X es V, Y o R

<400> 164

Xaa Trp Xaa Xaa Xaa Xaa Asp Xaa

1 5

<210> 165

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-4 o fragmento de fijación al antígeno de este: HCDR3

<220>
<221> misc_feature
<222> (1)..(1)
<223> X es S o T

<220>
<221> misc_feature
<222> (3)..(3)
<223> X es V, A o L

<220>
<221> misc_feature
<222> (4)..(4)
<223> X es G o D

<220>
<221> misc_feature
<222> (5)..(5)
<223> X es Y o N

<220>
<221> misc_feature
<222> (6)..(6)
<223> X es V, A o P

<220>
<221> misc_feature
<222> (8)..(8)
<223> X es V, Y o R

<400> 165

Xaa Trp Xaa Xaa Xaa Xaa Asp Xaa
1 5

<210> 166
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-4 o
fragmento de fijación al antígeno de este: LCDR3

<220>
<221> misc_feature
<223> X es cualquier aminoácido

<220>
<221> misc_feature

<222> (3)..(3)
<223> Xaa puede ser cualquier aminoácido natural

<220>
<221> misc_feature
<222> (5)..(9)
<223> Xaa puede ser cualquier aminoácido natural

<400> 166

Gln	Gln	Xaa	Tyr	Xaa	Xaa	Xaa	Xaa	Xaa	Thr
1			5						10

<210> 167
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-4 o fragmento de fijación al antígeno de este: LCDR3

<220>
<221> misc_feature
<222> (3)..(3)
<223> X es K, R o G

<220>
<221> misc_feature
<222> (5)..(5)
<223> X es S o K

<220>
<221> misc_feature
<222> (6)..(6)
<223> X es T, Q, A, E o D

<220>
<221> misc_feature
<222> (7)..(7)
<223> X es P, H o D

<220>
<221> misc_feature
<222> (8)..(8)
<223> X es Q, R, K, W, P, E o I

<220>
<221> misc_feature
<222> (9)..(9)
<223> X es I, V o L

<400> 167

Gln	Gln	Xaa	Tyr	Xaa	Xaa	Xaa	Xaa	Xaa	Thr
1				5					10

<210> 168

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-4 o fragmento de fijación al antígeno de este: LCDR3

<220>

<221> misc_feature

<222> (3)..(3)

<223> X es K, R o G

<220>

<221> misc_feature

<222> (5)..(5)

<223> X es S o K

<220>

<221> misc_feature

<222> (6)..(6)

<223> X es T, Q, A, E o D

<220>

<221> misc_feature

<222> (7)..(7)

<223> X es P o H

<220>

<221> misc_feature

<222> (8)..(8)

<223> X es Q, R, K, W, P, E o I

<220>

<221> misc_feature

<222> (9)..(9)

<223> X es I, V o L

<400> 168

Gln	Gln	Xaa	Tyr	Xaa	Xaa	Xaa	Xaa	Xaa	Thr
1				5					10

<210> 169
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-4 o
fragmento de fijación al antígeno de este: LCDR3

<220>
<221> misc_feature
<222> (3)..(3)
<223> X es K o R

<220>
<221> misc_feature
<222> (5)..(5)
<223> X es S o K

<220>
<221> misc_feature
<222> (6)..(6)
<223> X es T, Q, A o E

<220>
<221> misc_feature
<222> (7)..(7)
<223> X es P o H

<220>
<221> misc_feature
<222> (8)..(8)
<223> X es Q, K, W, P o I

<220>
<221> misc_feature
<222> (9)..(9)
<223> X es V o L

<400> 169

Gln Gln Xaa Tyr Xaa Xaa Xaa Xaa Xaa Thr
1 5 10

<210> 170
<211> 25
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4 HFR1 (parental y clones con maduración de afinidad)

<400> 170

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

Thr Leu Ser Leu Thr Cys Ala Ile Ser
20 25

<210> 171

<211> 25

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-143 HFR1

<400> 171

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

Thr Leu Ser Leu Thr Cys Ala Ile Ser
20 25

<210> 172

<211> 17

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4 HFR2 (parental y todos los clones con maduración de afinidad)

<400> 172

Trp Asn Trp Ile Arg Gln Ser Pro Ser Arg Gly Leu Glu Trp Leu Gly
1 5 10 15

Arg

<210> 173

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

<220>

<223> ADT1-4 HFR3 (parental y todos los clones con maduración de afinidad)

<400> 173

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

Ser Lys Asn Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp
20 25 30

Thr Ala Val Tyr Tyr Cys Ala Arg
35 40

<210> 174
<211> 11
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4 HFR4 (parental y todos los clones con maduración de afinidad)

<400> 174

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

<210> 175
<211> 26
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4 LFR1 (parental y todos los clones con maduración de afinidad)

<400> 175

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

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

<210> 176
<211> 17
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4 LFR2 (parental y todos los clones con maduración de afinidad)

<400> 176

Leu Ala Trp Tyr Gln His Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
1 5 10 15

Tyr

<210> 177
<211> 36
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4 LFR3 (clones con maduración de afinidad)

<400> 177

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

Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Asp Asp Phe Ala
20 25 30

Thr Tyr Tyr Cys
35

<210> 178
<211> 36
<212> PRT
<213> Homo sapiens

<220>

<223> Clones parentales de ADT1-4 y ADT1-4-138 LFR3

<400> 178

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

Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Asp Asp Phe Ala
20 25 30

Thr Tyr Tyr Cys
35

<210> 179

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4 LFR4 (parental y clones con maduración de afinidad)

<400> 179

Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys
1 5 10

<210> 180

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-110 LFR4

<400> 180

Phe Gly Ala Gly Thr Arg Leu Glu Ile Lys
1 5 10

<210> 181

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-143 LFR4

<400> 181

Phe	Gly	Gln	Gly	Thr	Arg	Leu	Val	Ile	Lys
1				5					10

<210> 182

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-95 LFR4

<400> 182

Phe	Gly	Ser	Gly	Thr	Arg	Leu	Glu	Ile	Lys
1				5					10

<210> 183

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-7 o fragmento de fijación al antígeno de este: HCDR3

<220>

<221> misc_feature

<223> X es cualquier aminoácido

<220>

<221> misc_feature

<222> (1)..(2)

<223> Xaa puede ser cualquier aminoácido natural

<220>

<221> misc_feature

<222> (4)..(5)

<223> Xaa puede ser cualquier aminoácido natural

<400> 183

Xaa Xaa Tyr Xaa Xaa Ala Phe Asp Ile
1 5

<210> 184

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-7 o
fragmento de fijación al antígeno de este: HCDR3

<220>

<221> misc_feature

<222> (1)..(1)

<223> X es D, I o V

<220>

<221> misc_feature

<222> (2)..(2)

<223> X es D o S

<220>

<221> misc_feature

<222> (4)..(4)

<223> X es N, E, D, Q o A

<220>

<221> misc_feature

<222> (5)..(5)

<223> X es D o E

<400> 184

Xaa Xaa Tyr Xaa Xaa Ala Phe Asp Ile
1 5

<210> 185

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-7 o
fragmento de fijación al antígeno de este: HCDR3

<220>
<221> misc_feature
<222> (1)..(1)
<223> X es D o V

<220>
<221> misc_feature
<222> (2)..(2)
<223> X es D o S

<220>
<221> misc_feature
<222> (4)..(4)
<223> X es D, Q o A

<220>
<221> misc_feature
<222> (5)..(5)
<223> X es D o E

<400> 185

Xaa Xaa Tyr Xaa Xaa Ala Phe Asp Ile
1 5

<210> 186
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-7 o
fragmento de fijación al antígeno de este: LCDR3

<220>
<221> misc_feature
<223> X es cualquier aminoácido

<220>
<221> misc_feature
<222> (3)..(6)
<223> Xaa puede ser cualquier aminoácido natural

<220>
<221> misc_feature
<222> (8)..(8)
<223> Xaa puede ser cualquier aminoácido natural

<400> 186

Gln Gln Xaa Xaa Xaa Xaa Leu Xaa Thr

1

5

<210> 187
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-7 o
fragmento de fijación al antígeno de este: LCDR3

<220>
<221> misc_feature
<222> (3)..(3)
<223> X es T o S

<220>
<221> misc_feature
<222> (4)..(4)
<223> X es A, G, Y o S

<220>
<221> misc_feature
<222> (5)..(5)
<223> X es S o D

<220>
<221> misc_feature
<222> (6)..(6)
<223> X es T, E o G

<220>
<221> misc_feature
<222> (8)..(8)
<223> X es L o D

<400> 187

Gln Gln Xaa Xaa Xaa Xaa Leu Xaa Thr
1 5

<210> 188
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> Anticuerpo anti-variable delta 1 de TCR derivado de ADT1-7 o

fragmento de fijación al antígeno de este: LCDR3

<220>

<221> misc_feature

<222> (3)..(3)

<223> X es S

<220>

<221> misc_feature

<222> (4)..(4)

<223> X es A o Y

<220>

<221> misc_feature

<222> (5)..(5)

<223> X es S

<220>

<221> misc_feature

<222> (6)..(6)

<223> X es E o G

<220>

<221> misc_feature

<222> (8)..(8)

<223> X es L o D

<400> 188

Gln Gln Xaa Xaa Xaa Xaa Leu Xaa Thr
1 5

<210> 189

<211> 25

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-7 HFR1 (parental y todos los clones con maduración de afinidad)

<400> 189

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 Ala Ala Ser
20 25

<210> 190

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

<220>

<223> ADT1-7 HFR2 (parental y todos los clones con maduración de afinidad)

<400> 190

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

Tyr

<210> 191
<211> 40
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7 HFR3 (parental y todos los clones con maduración de afinidad)

<400> 191

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

Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
20 25 30

Thr Ala Val Tyr Tyr Cys Ala Arg
35 40

<210> 192
<211> 11
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7 HFR4 (parental y todos los clones con maduración de afinidad)

<400> 192

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

<210> 193
<211> 26
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7 LFR1 (parental y clones con maduración de afinidad)

<400> 193

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

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

<210> 194
<211> 26
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7-18 LFR1

<400> 194

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

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

<210> 195
<211> 17
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-7 LFR2 (parental y todos los clones con maduración de afinidad)

<400> 195

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

Tyr

<210> 196

<211> 36

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-7 LFR3 (parental y todos los clones con maduración de afinidad)

<400> 196

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

Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu Asp Phe Ala
20 25 30

Thr Tyr Tyr Cys
35

<210> 197

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-7 LFR4 (parental y todos los clones con maduración de afinidad)

<400> 197

Phe Gly Arg Gly Thr Lys Val Glu Ile Lys
1 5 10

<210> 198

<211> 360

<212> ADN

<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4

<400> 198

caggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc	60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ctgcttggaa ctggatcagg	120
cagtcccat cgagaggcct tgagtggctg ggaaggacat actacaggtc caagtgggtct	180
actgattatg cagcatctgt gaaaagtcga ataaccatca acccagacac atccaagaac	240
cagctctccc tgcagttaaa ctctgtgact cccgaggaca cggctgtgta ttactgtgca	300
agaacgtgga gtggttatgt ggacgtctgg ggccaaggaa ccctggtcac cgtctcgagc	360

<210> 199

<211> 360

<212> ADN

<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-105

<400> 199

gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc	60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ctgcttggaa ctggatcagg	120
cagtcccat cgagaggcct tgagtggctg ggaaggacat actacaggtc caagtgggtct	180
actgattatg cagcatctgt gaaaagtcga ataaccatca acccagacac atccaagaac	240
cagctctccc tgcagttaaa ctctgtgact cccgaggaca cggctgtgta ttactgtgca	300
agaacgtggg tgggttatgt ggacgtctgg ggccaaggaa ccctggtcac cgtctcgagc	360

<210> 200

<211> 360

<212> ADN

<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-107

<400> 200
gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc 60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ctgcttggaa ctggatcagg 120
cagtcccat cgagaggcct tgagtggctg ggaaggacat actacaggtc caagtggctc 180
actgattatg cagcatctgt gaaaagtcga ataaccatca acccagacac atccaagaac 240
cagctctccc tgcagttaaa ctctgtgact cccgaggaca cggctgtgta ttactgtgca 300
agaacgtggg tgggttatgc cgacgtctgg ggccaaggaa ccctgggtcac cgtctcgagc 360

<210> 201
<211> 360
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-110

<400> 201
gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc 60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ctgcttggaa ctggatcagg 120
cagtcccat cgagaggcct tgagtggctg ggaaggacat actacaggtc caagtggctc 180
actgattatg cagcatctgt gaaaagtcga ataaccatca acccagacac atccaagaac 240
cagctctctc tgcagttaaa ctctgtgact cccgaggaca cggctgtgta ttactgtgca 300
agaacgtggg tggagtatgt ggacgtctgg ggccaaggaa ccctgggtcac cgtctcgagc 360

<210> 202
<211> 360
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-112

<400> 202
gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc 60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ctgcttggaa ctggatcagg 120

cagtcccat	cgagaggcct	tgagtggctg	ggaaggacat	actacaggtc	caagtggctc	180
actgattatg	cagcatctgt	gaaaagtcga	ataaccatca	accagacac	atccaagaac	240
cagctctccc	tgagttaaa	ctctgtgact	cccgaggaca	cggctgtgta	ttactgtgca	300
agaacgtggg	tggttatgt	ggactactgg	ggccaaggaa	ccctggtcac	cgtctcgagc	360

<210> 203
 <211> 360
 <212> ADN
 <213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-117

<400> 203						
gaggtacagc	tgacagcagtc	aggtccagga	ctggtgaagc	cctcgagac	cctctcactc	60
acctgtgcca	tctccgggga	cagtgtctcc	agcaaaagtg	ctgcttgga	ctggatcagg	120
cagtcccat	cgagaggcct	tgagtggctg	ggaaggacat	actacaggtc	caagtggctc	180
actgattatg	cagcatctgt	gaaaagtcga	ataaccatca	accagacac	atccaagaac	240
cagctctccc	tgagttaaa	ctctgtgact	cccgaggaca	cggctgtgta	ttactgtgca	300
agaacgtggg	tggttatgt	ggacgtctgg	ggccaaggaa	ccctggtcac	cgtctcgagc	360

<210> 204
 <211> 360
 <212> ADN
 <213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-19

<400> 204						
gaggtacagc	tgacagcagtc	aggtccagga	ctggtgaagc	cctcgagac	cctctcactc	60
acctgtgcca	tctccgggga	cagtgtctcc	agcaaaagtg	ctgcttgga	ctggatcagg	120
cagtcccat	cgagaggcct	tgagtggctg	ggaaggacat	actacaggtc	caagtggctc	180
actgattatg	cagcatctgt	gaaaagtcga	ataaccatca	accagacac	atccaagaac	240
cagctctccc	tgagttaaa	ctctgtgact	cccgaggaca	cggctgtgta	ttactgtgca	300

agaacgtggg tgggttatgt ggacaggtgg ggccaaggaa ccctggtcac cgtctcgagc 360

<210> 205
<211> 360
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-21

<400> 205
gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc 60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ttgcttgga ctggatcagg 120
cagtcccat cgagaggcct tgagtggctg ggaaggacat actacaggtc caagtggctc 180
actgattatg cagcatctgt gaaaagtcga ataaccatca acccagacac atccaagaac 240
cagctctccc tgcagttaaa ctctgtgact cccgaggaca cggctgtgta ttactgtgca 300
agaacgtggg ccgactatgt ggacgtctgg ggccaaggaa ccctggtcac cgtctcgagc 360

<210> 206
<211> 360
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-31

<400> 206
gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc 60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ctgcttgga ctggatcagg 120
cagtcccat cgagaggcct tgagtggctg ggaaggacat actacaggtc caagtggctc 180
actgattatg cagcatctgt gaaaagtcga ataaccatca acccagacac atccaagaac 240
cagctctccc tgcagttaaa ctctgtgact cccgaggaca cggctgtgta ttactgtgca 300
agaacgtggg tgggttatgc cgacgtctgg ggccaaggaa ccctggtcac cgtctcgagc 360

<210> 207
<211> 360
<212> ADN

<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-139

<400> 207

gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc	60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ctgcttggaa ctggatcagg	120
cagtcccat cgagaggcct tgagtggctg ggaaggacat actacaggtc caagtgggtct	180
actgattatg cagcatctgt gaaaagtcga ataaccatca acccagacac atccaagaac	240
cagctctccc tgcagttaaa ctctgtgact cccgaggaca cggctgtgta ttactgtgca	300
agaacgtggg tgggttatgt ggactactgg ggccaaggaa ccctggtcac cgtctcgagc	360

<210> 208

<211> 360

<212> ADN

<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-4

<400> 208

gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc	60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ctgcttggaa ctggatcagg	120
cagtcccat cgagaggcct tgagtggctg ggaaggacat actacaggtc caagtgggtct	180
actgattatg cagcatctgt gaaaagtcga ataaccatca acccagacac atccaagaac	240
cagctctccc tgcagttaaa ctctgtgact cccgaggaca cggctgtgta ttactgtgca	300
agaacgtggg tgggttatgc cgacgtctgg ggccaaggaa ccctggtcac cgtctcgagc	360

<210> 209

<211> 360

<212> ADN

<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-143

<400> 209
gaggtacagc tgctgcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc 60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ctgcttgga ctggatcagg 120
cagtcccat cgagaggcct tgagtggctg ggaaggacat actacaggtc caagtggctc 180
actgattatg cagcatctgt gaaaagtcga ataaccatca acccagacac atccaagaac 240
cagctctccc tgcagttaaa ctctgtgact cccgaggaca cggctgtgta ttactgtgca 300
agaacgtggg tgggttatgc cgacgtctgg ggccaaggaa ccctgggtcac cgtctcgagc 360

<210> 210
<211> 360
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-53

<400> 210
gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc 60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ttgcttgga ctggatcagg 120
cagtcccat cgagaggcct tgagtggctg ggaaggacat actacaggtc caagtggctc 180
actgattatg cagcatctgt gaaaagtcga ataaccatca acccagacac atccaagaac 240
cagctctccc tgcagttaaa ctctgtgact cccgaggaca cggctgtgta ttactgtgca 300
agaacgtggg ccgactatgt ggacgtctgg ggccaaggaa ccctgggtcac cgtctcgagc 360

<210> 211
<211> 360
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-173

<400> 211
gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc 60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ctgcttgga ctggatcagg 120

cagtcccat	cgagaggcct	tgagtggctg	ggaaggacat	actacaggtc	caagtggctt	180
actgattatg	cagcatctgt	gaaaagtcga	ataaccatca	accagacac	atccaagaac	240
cagctctccc	tgagttaaa	ctctgtgact	cccgaggaca	cggctgtgta	ttactgtgca	300
agaacgtggg	ccggttatcc	cgacgtctgg	ggccaaggaa	ccctgggtcac	cgtctcgagc	360

<210> 212
 <211> 360
 <212> ADN
 <213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-2

<400> 212						
gaggtacagc	tgacagcagtc	aggtccagga	ctggtgaagc	cctcgagac	cctctcactc	60
acctgtgcc	tctccgggga	cagtgtctcc	agcaaaagtg	ctgcttgga	ctggatcagg	120
cagtcccat	cgagaggcct	tgagtggctg	ggaaggacat	actacaggtc	caagtggctt	180
actgattatg	cagcatctgt	gaaaagtcga	ataaccatca	accagacac	atccaagaac	240
cagctctccc	tgagttaaa	ctctgtgact	cccgaggaca	cggctgtgta	ttactgtgca	300
agaacgtggg	tggtttatgt	ggacaggtgg	ggccaaggaa	ccctgggtcac	cgtctcgagc	360

<210> 213
 <211> 360
 <212> ADN
 <213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-8

<400> 213						
gaggtacagc	tgacagcagtc	aggtccagga	ctggtgaagc	cctcgagac	cctctcactc	60
acctgtgcc	tctccgggga	cagtgtctcc	agcaaaagtg	ctgcttgga	ctggatcagg	120
cagtcccat	cgagaggcct	tgagtggctg	ggaaggacat	actacaggtc	caagtggctt	180
actgattatg	cagcatctgt	gaaaagtcga	ataaccatca	accagacac	atccaagaac	240
cagctctccc	tgagttaaa	ctctgtgact	cccgaggaca	cggctgtgta	ttactgtgca	300

agaacgtggg tgggttatgc cgacgtctgg ggccaaggaa ccctgggtcac cgtctcgagc 360

<210> 214
<211> 360
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-82

<400> 214
gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc 60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ctgcttgga ctggatcagg 120
cagtcctccat cgagaggcct tgagtggctg ggaaggacat actacaggtc caagtgggtct 180
actgattatg cagcatctgt gaaaagtcga ataaccatca acccagacac atccaagaac 240
cagctctccc tgcagttaaa ctctgtgact cccgaggaca cggctgtgta ttactgtgca 300
agaagctggg tgggttatgt ggacgtctgg ggccaaggaa ccctgggtcac cgtctcgagc 360

<210> 215
<211> 360
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-83

<400> 215
gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc 60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ctgcttgga ctggatcagg 120
cagtcctccat cgagaggcct tgagtggctg ggaaggacat actacaggtc caagtgggtct 180
actgattatg cagcatctgt gaaaagtcga ataaccatca acccagacac atccaagaac 240
cagctctccc tgcagttaaa ctctgtgact cccgaggaca cggctgtgta ttactgtgca 300
agaagctggg tgggttatgt ggacgtctgg ggccaaggaa ccctgggtcac cgtctcgagc 360

<210> 216
<211> 360
<212> ADN

<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-3

<400> 216

gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc	60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ctgcttggaa ctggatcagg	120
cagtcccat cgagaggcct tgagtggctg ggaaggacat actacaggtc caagtggctc	180
actgattatg cagcatctgt gaaaagtcga ataaccatca acccagacac atccaagaac	240
cagctctccc tgcagttaaa ctctgtgact cccgaggaca cggctgtgta ttactgtgca	300
agaacgtggg ccgactatgt ggacgtctgg ggccaaggaa ccctggtcac cgtctcgagc	360

<210> 217

<211> 360

<212> ADN

<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-84

<400> 217

gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc	60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ctgcttggaa ctggatcagg	120
cagtcccat cgagaggcct tgagtggctg ggaaggacat actacaggtc caagtggctc	180
actgattatg cagcatctgt gaaaagtcga ataaccatca acccagacac atccaagaac	240
cagctctccc tgcagttaaa ctctgtgact cccgaggaca cggctgtgta ttactgtgca	300
agaacgtggg tgggttatgc cgacgtctgg ggccaaggaa ccctggtcac cgtctcgagc	360

<210> 218

<211> 360

<212> ADN

<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-86

<400> 218
gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc 60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ttgcttggaa ctggatcagg 120
cagtcccat cgagaggcct tgagtggctg ggaaggacat actacaggtc caagtggctc 180
actgattatg cagcatctgt gaaaagtcga ataaccatca acccagacac atccaagaac 240
cagctctccc tgcagttaaa ctctgtgact cccgaggaca cggctgtgta ttactgtgca 300
agaacgtggc tgggtaacgt ggacgtctgg ggccaaggaa ccctgggtcac cgtctcgagc 360

<210> 219
<211> 360
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-95

<400> 219
gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc 60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ctgcttggaa ctggatcagg 120
cagtcccat cgagaggcct tgagtggctg ggaaggacat actacaggtc caagtggctc 180
actgattatg cagcatctgt gaaaagtcga ataaccatca acccagacac atccaagaac 240
cagctctccc tgcagttaaa ctctgtgact cccgaggaca cggctgtgta ttactgtgca 300
agaacgtggg tgggttatgc cgacgtctgg ggccaaggaa ccctgggtcac cgtctcgagc 360

<210> 220
<211> 360
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-1

<400> 220
gaggtacagc tgcagcagtc aggtccagga ctggtgaagc cctcgcagac cctctcactc 60
acctgtgcca tctccgggga cagtgtctcc agcaaaagtg ctgcttggaa ctggatcagg 120

cagtcccat	cgagaggcct	tgagtggctg	ggaaggacat	actacaggtc	caagtggctc	180
actgattatg	cagcatctgt	gaaaagtcga	ataaccatca	accagacac	atccaagaac	240
cagctctccc	tgagttaaa	ctctgtgact	cccgaggaca	cggctgtgta	ttactgtgca	300
agaacgtggg	tgggttatgc	cgacgtctgg	ggccaaggaa	ccctggtcac	cgtctcgagc	360

<210> 221
 <211> 360
 <212> ADN
 <213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-6

<400> 221						
gaggtacagc	tgacagcagtc	aggtccagga	ctggtgaagc	cctcgagac	cctctcactc	60
acctgtgcca	tctccgggga	cagtgtctcc	agcaaaagtg	ctgcttgga	ctggatcagg	120
cagtcccat	cgagaggcct	tgagtggctg	ggaaggacat	actacaggtc	caagtggctc	180
actgattatg	cagcatctgt	gaaaagtcga	ataaccatca	accagacac	atccaagaac	240
cagctctccc	tgagttaaa	ctctgtgact	cccgaggaca	cggctgtgta	ttactgtgca	300
agaacgtggg	ccggttatcc	cgacgtctgg	ggccaaggaa	ccctggtcac	cgtctcgagc	360

<210> 222
 <211> 360
 <212> ADN
 <213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-4-138

<400> 222						
gaggtacagc	tgacagcagtc	aggtccagga	ctggtgaagc	cctcgagac	cctctcactc	60
acctgtgcca	tctccgggga	cagtgtctcc	agcaaaagtg	ctgcttgga	ctggatcagg	120
cagtcccat	cgagaggcct	tgagtggctg	ggaaggacat	actacaggtc	caagtggctc	180
actgattatg	cagcatctgt	gaaaagtcga	ataaccatca	accagacac	atccaagaac	240
cagctctccc	tgagttaaa	ctctgtgact	cccgaggaca	cggctgtgta	ttactgtgca	300

agaacgtggg ccgactatgt ggacgtctgg ggccaaggaa ccctggtcac cgtctcgagc 360

<210> 223
<211> 330
<212> ADN
<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4

<400> 223
gctagcgaca tccagatgac ccagtcccct cccgccctgt ctgcatctgt gggagacaga 60
gtcaccatca cttgccgggc cagtcaagat attaagact ggttggcctg gtatcagcat 120
aaacctggga aagcccctaa gctcctgata tatgatgcct ccagtttgga aagtgggggc 180
ccatcaaggt tcagcggcag tggatctggg acagaattca ctctcaccat cagcagcctg 240
cagcctgatg attttgcaac ttactactgt caacagagtt acagtacccc tcaggtcact 300
tttggccagg ggacacgact ggagatcaaa 330

<210> 224
<211> 324
<212> ADN
<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-105

<400> 224
gacatccaga tgaccagtc ccctcccgcc ctgtctgcat ctgtgggaga cagagtcacc 60
atcacttgcc gggccagtca agatattaat gactggttgg cctggatatca gcataaacct 120
gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta 180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct 240
gatgattttg caacttacta ctgtcaacag aagtacagta cccctcagat cacttttggc 300
caggggacac gactggagat caaa 324

<210> 225
<211> 324
<212> ADN

<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-107

<400> 225

gacatccaga tgaccagtc ccctcccgcc ctgtctgcat ctgtgggaga cagagtcacc	60
atcacttgcc gggccagtca agatattaat gactggttgg cctggatatca gcataaacct	120
gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta	180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct	240
gatgattttg caacttacta ctgtcaacag cgctacagta cccctcagat cacttttggc	300
caggggacac gactggagat caaa	324

<210> 226

<211> 324

<212> ADN

<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-110

<400> 226

gacatccaga tgaccagtc ccctcccgcc ctgtctgcat ctgtgggaga cagagtcacc	60
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gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta	180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct	240
gatgattttg caacttacta ctgtcaacag aagtacagta cccctcaggt cacttttggc	300
gccgggacac gactggagat caaa	324

<210> 227

<211> 324

<212> ADN

<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-112

<400> 227
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aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct 240
gatgattttg caacttacta ctgtcaacag aagtacagtc agcctcaggt cacttttggc 300
caggggacac gactggagat caaa 324

<210> 228
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<220>

<223> ADN liviano variable de ADT1-4-117

<400> 228
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gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta 180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct 240
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caggggacac gactggagat caaa 324

<210> 229
<211> 324
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<220>

<223> ADN liviano variable de ADT1-4-19

<400> 229
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gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta	180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct	240
gatgattttg caacttacta ctgtcaacag aagtacagta cccctaaggt cacttttggc	300
caggggacac gactggagat caaa	324

<210> 230
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<220>

<223> ADN liviano variable de ADT1-4-21

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gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta	180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct	240
gatgattttg caacttacta ctgtcaacag aagtacagta ccccttgggt cacttttggc	300
caggggacac gactggagat caaa	324

<210> 231
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<220>

<223> ADN liviano variable de ADT1-4-31

<400> 231	
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atcacttgcc gggccagtca agatattaat gactggttgg cctggtatca gcataaacct	120
gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta	180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct	240
gatgattttg caacttacta ctgtcaacag cgctacagta cccctccgt cacttttggc	300

caggggacac gactggagat caaa 324

<210> 232
<211> 324
<212> ADN
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<220>

<223> ADN liviano variable de ADT1-4-139

<400> 232
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gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta 180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct 240
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caggggacac gactggagat caaa 324

<210> 233
<211> 324
<212> ADN
<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-4

<400> 233
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atcacttgcc gggccagtca agatattaat gactggttgg cctggtatca gcataaacct 120
gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta 180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct 240
gatgattttg caacttacta ctgtcaacag aagtacagta ccccttgggt cacttttggc 300
caggggacac gactggagat caaa 324

<210> 234
<211> 324
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<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-143

<400> 234

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gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta	180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct	240
gatgattttg caacttacta ctgtcaacag cgctacagta cccaccaggt cacttttggc	300
caggggacac gactggtgat caaa	324

<210> 235

<211> 324

<212> ADN

<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-53

<400> 235

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gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta	180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct	240
gatgattttg caacttacta ctgtcaacag aagtacagta cccctcagct gacttttggc	300
caggggacac gactggagat caaa	324

<210> 236

<211> 324

<212> ADN

<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-173

<400> 236
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atcacttgcc gggccagtca agatattaat gactgggttg cctgggtatca gcataaacct 120
gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta 180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct 240
gatgattttg caacttacta ctgtcaacag aagtacagtg cccctcaggt cacttttggc 300
caggggacac gactggagat caaa 324

<210> 237
<211> 324
<212> ADN
<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-2

<400> 237
gacatccaga tgaccagtc ccctcccgcc ctgtctgcat ctgtgggaga cagagtcacc 60
atcacttgcc gggccagtca agatattaat gactgggttg cctgggtatca gcataaacct 120
gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta 180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct 240
gatgattttg caacttacta ctgtcaacag aagtacagtg cccctcaggt cacttttggc 300
caggggacac gactggagat caaa 324

<210> 238
<211> 324
<212> ADN
<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-8

<400> 238
gacatccaga tgaccagtc ccctcccgcc ctgtctgcat ctgtgggaga cagagtcacc 60
atcacttgcc gggccagtca agatattaat gactgggttg cctgggtatca gcataaacct 120

gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta	180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct	240
gatgattttg caacttacta ctgtcaacag aagtacagtg cccctcaggt cacttttggc	300
caggggacac gactggagat caaa	324

<210> 239
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 <212> ADN
 <213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-82

<400> 239	
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gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta	180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct	240
gatgattttg caacttacta ctgtcaacag cgctacagta cccctcagat cacttttggc	300
caggggacac gactggagat caaa	324

<210> 240
 <211> 324
 <212> ADN
 <213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-83

<400> 240	
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atcacttgcc gggccagtca agatattaat gactggttgg cctggtatca gcataaacct	120
gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta	180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct	240
gatgattttg caacttacta ctgtcaacag aagtacagtg agcctcaggt cacttttggc	300

caggggacac gactggagat caaa 324

<210> 241
<211> 324
<212> ADN
<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-3

<400> 241
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atcacttgcc gggccagtca agatattaat gactggttgg cctggtatca gcataaacct 120
gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta 180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct 240
gatgattttg caacttacta ctgtcaacag aagtacagta cccctgaggt cacttttggc 300
caggggacac gactggagat caaa 324

<210> 242
<211> 324
<212> ADN
<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-84

<400> 242
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atcacttgcc gggccagtca agatattaat gactggttgg cctggtatca gcataaacct 120
gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta 180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct 240
gatgattttg caacttacta ctgtcaacag aagtacagtg accctcaggt cacttttggc 300
caggggacac gactggagat caaa 324

<210> 243
<211> 324
<212> ADN

<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-86

<400> 243
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gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta 180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct 240
gatgattttg caacttacta ctgtcaacag aagtacagtg agcctcaggt cacttttggc 300
caggggacac gactggagat caaa 324

<210> 244
<211> 324
<212> ADN
<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-95

<400> 244
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gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta 180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct 240
gatgattttg caacttacta ctgtcaacag aagtacagta cccctcaggt cacttttggc 300
agcgggacac gactggagat caaa 324

<210> 245
<211> 324
<212> ADN
<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-1

<400> 245
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gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta 180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct 240
gatgattttg caacttacta ctgtcaacag cgctacagta cccctatcgt cacttttggc 300
caggggacac gactggagat caaa 324

<210> 246
<211> 324
<212> ADN
<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-6

<400> 246
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gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatta 180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct 240
gatgattttg caacttacta ctgtcaacag aagtacaaga cccctcaggt cacttttggc 300
caggggacac gactggagat caaa 324

<210> 247
<211> 324
<212> ADN
<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-4-138

<400> 247
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gggaaagccc ctaagctcct gatctatgat gcctccagtt tggaaagtgg ggtcccatca	180
aggttcagcg gcagtggatc tgggacagaa ttcactctca ccatcagcag cctgcagcct	240
gatgattttg caacttacta ctgtcaacag cgctacagta ccgaccaggt cacttttggc	300
caggggacac gactggagat caaa	324

<210> 248
 <211> 354
 <212> ADN
 <213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-7

<400> 248	
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tcctgtgcag cctctggatt caccttcagt gactactaca tgagctggat ccgccaggct	120
ccaggggaagg ggctggagtg ggtttcatac attagtagta gtggtagtac catatactac	180
gcagactctg tgaagggccg attcaccatc tccagggaca acgccaagaa ctactgtat	240
ctgcaaatga acagcctgag agccgaggac acggctgtgt attactgtgc aagggtggac	300
tacgctgatg catttgatat ctggggccag ggcaccctgg tcaccgtctc gagc	354

<210> 249
 <211> 354
 <212> ADN
 <213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-7-10

<400> 249	
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tcctgtgcag cctctggatt caccttcagt gactactaca tgagctggat ccgccaggct	120
ccaggggaagg ggctggagtg ggtttcatac attagtagta gtggtagtac catatactac	180
gcagactctg tgaagggccg attcaccatc tccagggaca acgccaagaa ctactgtat	240
ctgcaaatga acagcctgag agccgaggac acggctgtgt attactgtgc aagggacgac	300

tacaacgatg catttgatat ctggggccag ggcaccctgg tcaccgtctc gagc 354

<210> 250
<211> 354
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-7-15

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tcctgtgcag cctctggatt caccttcagt gactactaca tgagctggat ccgccaggct 120
ccagggaagg ggctggagtg ggtttcatac attagtagta gtggtagtac catatactac 180
gcagactctg tgaagggccg attcaccatc tccagggaca acgccaagaa ctactgtat 240
ctgcaaatga acagcctgag agccgaggac acggctgtgt attactgtgc aaggacgac 300
tacaacgatg catttgatat ctggggccag ggcaccctgg tcaccgtctc gagc 354

<210> 251
<211> 354
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-7-17

<400> 251
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ccagggaagg ggctggagtg ggtttcatac attagtagta gtggtagtac catatactac 180
gcagactctg tgaagggccg attcaccatc tccagggaca acgccaagaa ctactgtat 240
ctgcaaatga acagcctgag agccgaggac acggctgtgt attactgtgc aaggatcgac 300
tacgaggatg catttgatat ctggggccag ggcaccctgg tcaccgtctc gagc 354

<210> 252
<211> 354
<212> ADN

<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-7-18

<400> 252
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ccagggaagg ggctggagtg ggtttcatac attagtagta gtggtagtac catatactac 180
gcagactctg tgaagggccg attcaccatc tccagggaca acgccaagaa ctactgtat 240
ctgcaaatga acagcctgag agccgaggac acggctgtgt attactgtgc aagggtgagc 300
tacgacgatg catttgatat ctggggccag ggcaccctgg tcaccgtctc gagc 354

<210> 253
<211> 354
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-7-19

<400> 253
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ccagggaagg ggctggagtg ggtttcatac attagtagta gtggtagtac catatactac 180
gcagactctg tgaagggccg attcaccatc tccagggaca acgccaagaa ctactgtat 240
ctgcaaatga acagcctgag agccgaggac acggctgtgt attactgtgc aaggatcgac 300
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<210> 254
<211> 354
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-7-20

<400> 254
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ccagggaagg ggctggagtg ggtttcatac attagtagta gtggtagtac catatactac 180
gcagactctg tgaagggccg attcaccatc tccagggaca acgccaagaa ttcactgtat 240
ctgcaaatga acagcctgag agccgaggac acggctgtgt attactgtgc aagggtggac 300
taccaggagg catttgatat ctggggccag ggcaccctgg tcaccgtctc gagc 354

<210> 255
<211> 354
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-7-22

<400> 255
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ccagggaagg ggctggagtg ggtttcatac attagtagta gtggtagtac catatactac 180
gcagactctg tgaagggccg attcaccatc tccagggaca acgccaagaa ctactgtat 240
ctgcaaatga acagcctgag agccgaggac acggctgtgt attactgtgc aagggacgac 300
tacaacgatg catttgatat ctggggccag ggcaccctgg tcaccgtctc gagc 354

<210> 256
<211> 354
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-7-23

<400> 256
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ccaggaagg ggctggagtg ggtttcatac attagtagta gtgtagtac catatactac	180
gcagactctg tgaagggccg attcaccatc tccagggaca acgccaagaa ctactgtat	240
ctgcaaatga acagcctgag agccgaggac acggctgtgt attactgtgc aagggtggac	300
tacaacgagg catttgatat ctggggccag ggcaccctgg tcaccgtctc gagc	354

<210> 257
 <211> 354
 <212> ADN
 <213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-7-42

<400> 257	
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ccaggaagg ggctggagtg ggtttcatac attagtagta gtgtagtac catatactac	180
gcagactctg tgaagggccg attcaccatc tccagggaca acgccaagaa ctactgtat	240
ctgcaaatga acagcctgag agccgaggac acggctgtgt attactgtgc aaggacgac	300
tacgaggatg catttgatat ctggggccag ggcaccctgg tcaccgtctc gagc	354

<210> 258
 <211> 354
 <212> ADN
 <213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-7-3

<400> 258	
gaggtgcagc tggtggagtc tgggggaggc ttggtcaagc ctggagggtc cctgagactc	60
tcctgtgcag cctctggatt caccttcagt gactactaca tgagctggat ccgccaggct	120
ccaggaagg ggctggagtg ggtttcatac attagtagta gtgtagtac catatactac	180
gcagactctg tgaagggccg attcaccatc tccagggaca acgccaagaa ctactgtat	240
ctgcaaatga acagcctgag agccgaggac acggctgtgt attactgtgc aagggtgagc	300

tacgctgagg catttgatat ctggggccag ggcaccctgg tcaccgtctc gagc 354

<210> 259
<211> 354
<212> ADN
<213> Homo sapiens

<220>

<223> ADN pesado variable de ADT1-7-61

<400> 259
gaggtgcagc tggtggagtc tgggggaggc ttggtcaagc ctggagggtc cctgagactc 60
tcctgtgcag cctctggatt caccttcagt gactactaca tgagctggat ccgccaggct 120
ccagggaagg ggctggagtg ggtttcatac attagtagta gtggtagtac catatactac 180
gcagactctg tgaagggccg attcaccatc tccagggaca acgccaagaa ctactgtat 240
ctgcaaatga acagcctgag agccgaggac acggctgtgt attactgtgc aaggacgac 300
tacgacgatg catttgatat ctggggccag ggcaccctgg tcaccgtctc gagc 354

<210> 260
<211> 327
<212> ADN
<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-7

<400> 260
gctagcgaca tccagatgac ccagtctcca tcctccctgt ctgcatctgt aggagacaga 60
gtcaccatcg cttgccgggc aggtcagagc attggcacct atttaaattg gtatcagcag 120
aaaccaggga aagcccctaa actcctgata tatgttgcat ccagtttgca aagtggggtc 180
ccgtcacggc tcagtggcag tggatctggg acagaattca ctctcaccat cagcagtctg 240
caacctgaag attttgcaac ttactactgt caacagagtt acagtaccct cctcactttc 300
ggcagaggga ccaaggtgga aatcaaa 327

<210> 261
<211> 321
<212> ADN

<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-7-10

<400> 261

gacatccaga tgaccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc	60
atcgcttgcc gggcaggtca gagcattggc acctatttaa attggtatca gcagaaacca	120
gggaaagccc ctaaactcct gatctatgtt gcatccagtt tgcaaagtgg ggtcccgta	180
cggttcagtg gcagtggatc tgggacagaa ttcactctca ccatcagcag tctgcaacct	240
gaagattttg caacttacta ctgtcaacag accgccagta ccctcctcac tttcggcaga	300
gggaccaagg tggaaatcaa a	321

<210> 262

<211> 321

<212> ADN

<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-7-15

<400> 262

gacatccaga tgaccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc	60
atcgcttgcc gggcaggtca gagcattggc acctatttaa attggtatca gcagaaacca	120
gggaaagccc ctaaactcct gatctatgtt gcatccagtt tgcaaagtgg ggtcccgta	180
cggttcagtg gcagtggatc tgggacagaa ttcactctca ccatcagcag tctgcaacct	240
gaagattttg caacttacta ctgtcaacag agtgccgaca ccctcctcac tttcggcaga	300
gggaccaagg tggaaatcaa a	321

<210> 263

<211> 321

<212> ADN

<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-7-17

<400> 263
gacatccaga tgaccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc 60
atcgcttgcc gggcagggtca gagcattggc acctatttaa attggtatca gcagaaacca 120
gggaaagccc ctaaactcct gatctatgtt gcatccagtt tgcaaagtgg ggtcccgta 180
cggttcagtg gcagtggatc tgggacagaa ttcactctca ccatcagcag tctgcaacct 240
gaagattttg caacttacta ctgtcaacag agtggcagtg agctcctcac tttcggcaga 300
gggaccaagg tggaatcaa a 321

<210> 264
<211> 321
<212> ADN
<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-7-18

<400> 264
gacatccaga tgaccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc 60
atcgcttgcc gggtaggtca gagcattggc acctatttaa attggtatca gcagaaacca 120
gggaaagccc ctaaactcct gatctatgtt gcatccagtt tgcaaagtgg ggtcccgta 180
cggttcagtg gcagtggatc tgggacagaa ttcactctca ccatcagcag tctgcaacct 240
gaagattttg caacttacta ctgtcaacag agtgccagtg agctcctcac tttcggcaga 300
gggaccaagg tggaatcaa a 321

<210> 265
<211> 321
<212> ADN
<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-7-19

<400> 265
gacatccaga tgaccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc 60
atcgcttgcc gggcagggtca gagcattggc acctatttaa attggtatca gcagaaacca 120

gggaaagccc ctaaactcct gatctatggt gcatccagtt tgcaaagtgg ggtcccgctca	180
cggttcagtg gcagtggatc tgggacagaa ttcactctca ccatcagcag tctgcaacct	240
gaagattttg caacttacta ctgtcaacag agtgccagtg agctcctcac tttcggcaga	300
gggaccaagg tggaaatcaa a	321

<210> 266
 <211> 321
 <212> ADN
 <213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-7-20

<400> 266	
gacatccaga tgaccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc	60
atcgcttgcc gggcaggtca gagcattggc acctatttaa attggtatca gcagaaacca	120
gggaaagccc ctaaactcct gatctatggt gcatccagtt tgcaaagtgg ggtcccgctca	180
cggttcagtg gcagtggatc tgggacagaa ttcactctca ccatcagcag tctgcaacct	240
gaagattttg caacttacta ctgtcaacag agttacagtg gcctcgacac tttcggcaga	300
gggaccaagg tggaaatcaa a	321

<210> 267
 <211> 321
 <212> ADN
 <213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-7-22

<400> 267	
gacatccaga tgaccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc	60
atcgcttgcc gggcaggtca gagcattggc acctatttaa attggtatca gcagaaacca	120
gggaaagccc ctaaactcct gatctatggt gcatccagtt tgcaaagtgg ggtcccgctca	180
cggttcagtg gcagtggatc tgggacagaa ttcactctca ccatcagcag tctgcaacct	240
gaagattttg caacttacta ctgtcaacag agtgccagtg agctcctcac tttcggcaga	300

gggaccaagg tggaaatcaa a 321

<210> 268
<211> 321
<212> ADN
<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-7-23

<400> 268
gacatccaga tgaccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc 60
atcgcttgcc gggcaggtca gagcattggc acctatttaa attggtatca gcagaaacca 120
gggaaagccc ctaaactcct gatctatgtt gcatccagtt tgcaaagtgg ggtcccgta 180
cggttcagtg gcagtggatc tgggacagaa ttcactctca ccatcagcag tctgcaacct 240
gaagattttg caacttacta ctgtcaacag agttacagtg gcctcgacac tttcggcaga 300
gggaccaagg tggaaatcaa a 321

<210> 269
<211> 321
<212> ADN
<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-7-42

<400> 269
gacatccaga tgaccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc 60
atcgcttgcc gggcaggtca gagcattggc acctatttaa attggtatca gcagaaacca 120
gggaaagccc ctaaactcct gatctatgtt gcatccagtt tgcaaagtgg ggtcccgta 180
cggttcagtg gcagtggatc tgggacagaa ttcactctca ccatcagcag tctgcaacct 240
gaagattttg caacttacta ctgtcaacag agtagcagtg agctcctcac tttcggcaga 300
gggaccaagg tggaaatcaa a 321

<210> 270
<211> 321
<212> ADN

<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-7-3

<400> 270

gacatccaga tgaccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc	60
atcgcttgcc gggcaggtca gagcattggc acctatttaa attggtatca gcagaaacca	120
gggaaagccc ctaaactcct gatctatgtt gcatccagtt tgcaaagtgg ggtcccgta	180
cggttcagtg gcagtggatc tgggacagaa ttcactctca ccatcagcag tctgcaacct	240
gaagattttg caacttacta ctgtcaacag agttacagtg gcctcgacac tttcggcaga	300
gggaccaagg tggaaatcaa a	321

<210> 271

<211> 321

<212> ADN

<213> Homo sapiens

<220>

<223> ADN liviano variable de ADT1-7-61

<400> 271

gacatccaga tgaccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc	60
atcgcttgcc gggcaggtca gagcattggc acctatttaa attggtatca gcagaaacca	120
gggaaagccc ctaaactcct gatctatgtt gcatccagtt tgcaaagtgg ggtcccgta	180
cggttcagtg gcagtggatc tgggacagaa ttcactctca ccatcagcag tctgcaacct	240
gaagattttg caacttacta ctgtcaacag agtgccagtg agtcctcac tttcggcaga	300
gggaccaagg tggaaatcaa a	321

<210> 272

<211> 209

<212> PRT

<213> Homo sapiens

<220>

<223> Cadena variable delta 1 (V delta 1) humana de un receptor de

linfocitos T(TCR) gamma delta - alias TRDV1

<400> 272

Ala Gln Lys Val Thr Gln Ala Gln Ser Ser Val Ser Met Pro Val Arg
1 5 10 15

Lys Ala Val Thr Leu Asn Cys Leu Tyr Glu Thr Ser Trp Trp Ser Tyr
20 25 30

Tyr Ile Phe Trp Tyr Lys Gln Leu Pro Ser Lys Glu Met Ile Phe Leu
35 40 45

Ile Arg Gln Gly Ser Asp Glu Gln Asn Ala Lys Ser Gly Arg Tyr Ser
50 55 60

Val Asn Phe Lys Lys Ala Ala Lys Ser Val Ala Leu Thr Ile Ser Ala
65 70 75 80

Leu Gln Leu Glu Asp Ser Ala Lys Tyr Phe Cys Ala Leu Gly Glu Ser
85 90 95

Leu Thr Arg Ala Asp Lys Leu Ile Phe Gly Lys Gly Thr Arg Val Thr
100 105 110

Val Glu Pro Asn Ile Gln Asn Pro Asp Pro Ala Val Tyr Gln Leu Arg
115 120 125

Asp Ser Lys Ser Ser Asp Lys Ser Val Cys Leu Phe Thr Asp Phe Asp
130 135 140

Ser Gln Thr Asn Val Ser Gln Ser Lys Asp Ser Asp Val Tyr Ile Thr
145 150 155 160

Asp Lys Thr Val Leu Asp Met Arg Ser Met Asp Phe Lys Ser Asn Ser
165 170 175

Ala Val Ala Trp Ser Asn Lys Ser Asp Phe Ala Cys Ala Asn Ala Phe
180 185 190

Asn Asn Ser Ile Ile Pro Glu Asp Thr Phe Phe Pro Ser Pro Glu Ser
195 200 205

Ser

<210> 273
<211> 117
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de C08

<400> 273

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

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Val Ser Ser Asn
20 25 30

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

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

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr 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

Ser Pro Ile Glu Leu Gly Ala Phe Asp Ile Trp Gly Gln Gly Thr Leu
100 105 110

Val Thr Val Ser Ser
115

<210> 274
<211> 118
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de B07

<400> 274

Glu Val Gln Leu Leu Glu 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 Asp Tyr
20 25 30

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

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile 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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

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

Leu Val Thr Val Ser Ser
115

<210> 275

<211> 117

<212> PRT

<213> Homo sapiens

<220>

<223> Pesado variable de C05

<400> 275

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 Gly Gly Gly Thr Thr Tyr Ser Ser 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 Asp Ser Gly Val Ala Phe Asp Ile Trp Gly Gln Gly Thr Leu
100 105 110

Val Thr Val Ser Ser
115

<210> 276
<211> 120
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de E04

<400> 276

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

Thr Leu Ser Leu Thr Cys Ala Ile Ser Gly Asp Ser Val Ser Ser Asn
20 25 30

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Tyr Asn Asp Tyr Ala
50 55 60

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

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

Tyr Tyr Cys Ala Arg Ser Trp Asn Asp Ala Phe Asp Ile Trp Gly Gln
100 105 110

Gly Thr Thr Val Thr Val Ser Ser
115 120

<210> 277
<211> 120
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de F07

<400> 277

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Tyr Asn Asp Tyr Ala
50 55 60

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

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

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

Gly Thr Met Val Thr Val Ser Ser
115 120

<210> 278
<211> 118
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de G06

<400> 278

Gln 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 Ala Ala Ser Gly Phe Thr Phe Ser Asp Tyr
20 25 30

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

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile 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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg His Ser Trp Asn Asp Ala Phe Asp Val Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 279
<211> 120
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de G09

<400> 279

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

Thr Leu Ser Leu Thr Cys Ala Ile Ser Gly Asp Ser Val Ser Ser Asn
20 25 30

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

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

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

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

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

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 280
<211> 118
<212> PRT
<213> Homo sapiens

<220>

<223> Pesado variable de B09

<400> 280

Glu Val Gln Leu Leu Glu 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 Asp Tyr
20 25 30

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

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile 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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg His Ser Trp Ser Asp Ala Phe Asp Ile Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 281

<211> 118

<212> PRT

<213> Homo sapiens

<220>

<223> Pesado variable de G10

<400> 281

Glu Val Gln Leu Val 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 Asp Tyr
20 25 30

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

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile 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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

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

Leu Val Thr Val Ser Ser
115

<210> 282
<211> 110
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de C08

<400> 282

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

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

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

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

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

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

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

<210> 283
<211> 109
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de B07

<400> 283

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

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

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

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

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

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

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

<210> 284
<211> 109
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de C05

<400> 284

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

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

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

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

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

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

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

<210> 285

<211> 109

<212> PRT

<213> Homo sapiens

<220>

<223> Liviano variable de E04

<400> 285

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

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

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

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

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

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

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

<210> 286
<211> 109
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de F07

<400> 286

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

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

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

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

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

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

Pro Pro Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys
100 105

<210> 287
<211> 109
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de G06

<400> 287

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

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

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

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

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

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

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

<210> 288
<211> 109
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de G09

<400> 288

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

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

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

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

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

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

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

<210> 289

<211> 109

<212> PRT

<213> Homo sapiens

<220>

<223> Liviano variable de B09

<400> 289

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

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

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

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

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

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

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

<210> 290
<211> 109
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de G10

<400> 290

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

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

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

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

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

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

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

<210> 291
<211> 13
<212> PRT
<213> secuencia artificial

<220>
<223> Ligador VH-VL

<400> 291

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly
1 5 10

<210> 292
<211> 12
<212> PRT
<213> secuencia artificial

<220>
<223> Secuencia de etiqueta scFv opcional (secuencia kappa + etiqueta His)

<400> 292

Arg Thr Ala Ala Ala Ser Ala His His His His His
1 5 10

<210> 293
<211> 37
<212> PRT
<213> secuencia artificial

<220>
<223> Secuencia de etiqueta scFv opcional (secuencia kappa + etiquetas His y FLAG)

<400> 293

Arg Thr Ala Ala Ala Ser Ala His His His His His His Lys Leu Asp
1 5 10 15

Tyr Lys Asp His Asp Gly Asp Tyr Lys Asp His Asp Ile Asp Tyr Lys
20 25 30

Asp Asp Asp Asp Lys

<210> 294
 <211> 13
 <212> PRT
 <213> secuencia artificial

<220>
 <223> Secuencia de etiqueta scFv opcional (secuencia lambda + etiqueta His)

<400> 294

Gly Gln Pro Ala Ala Ala Ser Ala His His His His His
 1 5 10

<210> 295
 <211> 38
 <212> PRT
 <213> secuencia artificial

<220>
 <223> Secuencia de etiqueta scFv opcional (secuencia lambda + etiquetas His y FLAG)

<400> 295

Gly Gln Pro Ala Ala Ala Ser Ala His His His His His His Lys Leu
 1 5 10 15

Asp Tyr Lys Asp His Asp Gly Asp Tyr Lys Asp His Asp Ile Asp Tyr
 20 25 30

Lys Asp Asp Asp Asp Lys
 35

<210> 296
 <211> 107
 <212> PRT
 <213> Homo sapiens

<220>

<223> Dominio constante (cadena constante liviana completa de AD3 y AD4 con la secuencia RTVAAPS en lugar de RTAAAPS)

<400> 296

Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu

1	5	10	15
Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe	20	25	30
Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln	35	40	45
Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser	50	55	60
Thr Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu	65	70	75
Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser	85	90	95
Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys	100	105	

<210> 297
 <211> 330
 <212> PRT
 <213> Homo sapiens

<220>

<223> Dominio constante (cadena de dominio constante pesada completa de AD3)

<400> 297

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

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
100 105 110

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
165 170 175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
225 230 235 240

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
245 250 255

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe

275

280

285

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
 290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
 305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
 325 330

<210> 298

<211> 330

<212> PRT

<213> Homo sapiens

<220>

<223> Dominio constante (cadena de dominio constante pesada completa de AD4 empleada (con modificación L235A, G237A))

<400> 298

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

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
 20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
 35 40 45

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

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
 65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
 85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
 100 105 110

Pro Ala Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro
115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
165 170 175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
225 230 235 240

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
245 250 255

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
275 280 285

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
325 330

<210> 299
<211> 20
<212> PRT
<213> Homo sapiens

<220>

<223> Secuencia líder del terminal N de la cadena V delta 1

<400> 299

Met Leu Phe Ser Ser Leu Leu Cys Val Phe Val Ala Phe Ser Tyr Ser
1 5 10 15

Gly Ser Ser Val
20

<210> 300
<211> 95
<212> PRT
<213> Homo sapiens

<220>

<223> Región V de la cadena V delta 1

<400> 300

Ala Gln Lys Val Thr Gln Ala Gln Ser Ser Val Ser Met Pro Val Arg
1 5 10 15

Lys Ala Val Thr Leu Asn Cys Leu Tyr Glu Thr Ser Trp Trp Ser Tyr
20 25 30

Tyr Ile Phe Trp Tyr Lys Gln Leu Pro Ser Lys Glu Met Ile Phe Leu
35 40 45

Ile Arg Gln Gly Ser Asp Glu Gln Asn Ala Lys Ser Gly Arg Tyr Ser
50 55 60

Val Asn Phe Lys Lys Ala Ala Lys Ser Val Ala Leu Thr Ile Ser Ala
65 70 75 80

Leu Gln Leu Glu Asp Ser Ala Lys Tyr Phe Cys Ala Leu Gly Glu
85 90 95

<210> 301
<211> 16
<212> PRT
<213> Homo sapiens

<220>

<223> J1*0 - una de las cuatro regiones J codificadas en la línea
germinal de la cadena delta uno humana

<400> 301

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

<210> 302
<211> 17
<212> PRT
<213> Homo sapiens

<220>

<223> J2*0 - una de las cuatro regiones J codificadas en la línea
germinal de la cadena delta uno humana

<400> 302

Leu Thr Ala Gln Leu Phe Phe Gly Lys Gly Thr Gln Leu Ile Val Glu
1 5 10 15

Pro

<210> 303
<211> 19
<212> PRT
<213> Homo sapiens

<220>

<223> J3*0 - una de las cuatro regiones J encoded en la línea
germinal de la cadena delta uno humana

<400> 303

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

Val Glu Pro

<210> 304

<211> 15

<212> PRT

<213> Homo sapiens

<220>

<223> J4*0 - una de las cuatro regiones J encoded en la línea germinal de la cadena delta uno humana

<400> 304

Arg	Pro	Leu	Ile	Phe	Gly	Lys	Gly	Thr	Tyr	Leu	Glu	Val	Gln	Gln
1				5				10					15	

<210> 305

<211> 153

<212> PRT

<213> Homo sapiens

<220>

<223> C1*0 que contiene las regiones yuxtamembrana/transmembrana del terminal C

<220>

<221> misc_feature

<222> (1)..(1)

<223> Xaa puede ser cualquier aminoácido natural

<400> 305

Xaa	Ser	Gln	Pro	His	Thr	Lys	Pro	Ser	Val	Phe	Val	Met	Lys	Asn	Gly
1				5					10					15	

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

Ile Asn Leu Val Ser Ser Lys Lys Ile Thr Glu Phe Asp Pro Ala Ile
35 40 45

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

Glu Ser Asn Ser Val Thr Cys Ser Val Gln His Asp Asn Lys Thr Val
65 70 75 80

His Ser Thr Asp Phe Glu Val Lys Thr Asp Ser Thr Asp His Val Lys
85 90 95

Pro Lys Glu Thr Glu Asn Thr Lys Gln Pro Ser Lys Ser Cys His Lys
100 105 110

Pro Lys Ala Ile Val His Thr Glu Lys Val Asn Met Met Ser Leu Thr
115 120 125

Val Leu Gly Leu Arg Met Leu Phe Ala Lys Thr Val Ala Val Asn Phe
130 135 140

Leu Leu Thr Ala Lys Leu Phe Phe Leu
145 150

<210> 306
<211> 254
<212> PRT
<213> Homo sapiens

<220>

<223> Cadena variable delta 1 (V delta 1) humana de una variante
polimórfica del receptor de linfocitos T (TCR) gamma delta - alias
variante polimórfica TRDV1 humana

<400> 306

Ala Gln Lys Val Thr Gln Ala Gln Ser Ser Val Ser Met Pro Val Arg
1 5 10 15

Lys Ala Val Thr Leu Asn Cys Leu Tyr Glu Thr Ser Trp Trp Ser Tyr
20 25 30

Tyr Ile Phe Trp Tyr Lys Gln Leu Pro Ser Lys Glu Met Ile Phe Leu
35 40 45

Ile Arg Gln Gly Ser Asp Glu Gln Asn Ala Lys Ser Gly Arg Tyr Ser
50 55 60

Val Asn Phe Lys Lys Ala Val Lys Ser Val Ala Leu Thr Ile Ser Ala
65 70 75 80

Leu Gln Leu Glu Asp Ser Ala Lys Tyr Phe Cys Ala Leu Gly Glu Ser
85 90 95

Leu Thr Arg Ala Asp Lys Leu Ile Phe Gly Lys Gly Thr Arg Val Thr
100 105 110

Val Glu Pro Asn Ile Gln Asn Pro Asp Pro Ala Val Tyr Gln Leu Arg
115 120 125

Asp Ser Lys Ser Ser Asp Lys Ser Val Cys Leu Phe Thr Asp Phe Asp
130 135 140

Ser Gln Thr Asn Val Ser Gln Ser Lys Asp Ser Asp Val Tyr Ile Thr
145 150 155 160

Asp Lys Thr Val Leu Asp Met Arg Ser Met Asp Phe Lys Ser Asn Ser
165 170 175

Ala Val Ala Trp Ser Asn Lys Ser Asp Phe Ala Cys Ala Asn Ala Phe
180 185 190

Asn Asn Ser Ile Ile Pro Glu Asp Thr Phe Phe Pro Ser Pro Glu Ser
195 200 205

Ser Cys Thr Thr Ala Pro Ser Ala Gln Leu Lys Lys Lys Leu Gln Ala
210 215 220

Leu Lys Lys Lys Asn Ala Gln Leu Lys Trp Lys Leu Gln Ala Leu Lys
225 230 235 240

Lys Lys Leu Ala Gln Gly Ser Gly His His His His His His
245 250

<210> 307
<211> 107
<212> PRT
<213> Homo sapiens

<220>

<223> Dominio constante (cadena constante liviana completa de AD3 y AD4 con secuencia RTAAAPS)

<400> 307

Arg Thr Ala Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu
1 5 10 15

Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe
20 25 30

Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln
35 40 45

Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser
50 55 60

Thr Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu
65 70 75 80

Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser
85 90 95

Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys
100 105

<210> 308
<211> 116
<212> PRT
<213> Homo sapiens

<220>

<223> Cadena variable delta 1 (V delta 1) de Macaca fascicularis de un receptor de linfocitos T (TCR) gamma delta - alias TRDV1 de Macaca fascicularis

<400> 308

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

Lys Ala Val Thr Leu Asn Cys Gln Tyr Glu Thr Ser Ser Trp Ser Tyr
20 25 30

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

Ile His Gln Gly Ser Ser Gln Gln Asn Ala Arg Asn Gly Arg Tyr Ser
50 55 60

Val Asn Phe Gln Lys Ala Ala Ser Ser Ile Thr Leu Thr Ile Ser Ala
65 70 75 80

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

<210> 309

<211> 118

<212> PRT

<213> Homo sapiens

<220>

<223> Cadena variable gamma 4 (V gamma 4) humana de un receptor de
linfocitos T (TCR) gamma delta - alias TRGV4 humana

<400> 309

Lys Ser Ser Asn Leu Glu Gly Arg Thr Lys Ser Val Ile Arg Gln Thr
1 5 10 15

Gly Ser Ser Ala Glu Ile Thr Cys Asp Leu Ala Glu Gly Ser Thr Gly
20 25 30

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

Leu Tyr Tyr Asp Ser Tyr Thr Ser Ser Val Val Leu Glu Ser Gly Ile
50 55 60

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

Met Ile Leu Arg Asn Leu Ile Glu Asn Asp Ser Gly Val Tyr Tyr Cys
85 90 95

Ala Thr Trp Asp Gly
100

<210> 310
<211> 115
<212> PRT
<213> Homo sapiens

<220>

<223> Cadena variable delta 2 (V delta 2) humana de un receptor de
linfocitos T (TCR) gamma delta - alias TRDV2

<400> 310

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

Val Pro Ala Thr Leu Arg Cys Ser Met Lys Gly Glu Ala Ile Gly Asn
20 25 30

Tyr Tyr Ile Asn Trp Tyr Arg Lys Thr Gln Gly Asn Thr Met Thr Phe
35 40 45

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

Gln Gly Asp Ile Asp Ile Ala Lys Asn Leu Ala Val Leu Lys Ile Leu
65 70 75 80

Ala Pro Ser Glu Arg Asp Glu Gly Ser Tyr Tyr Cys Ala Cys Asp Thr
85 90 95

<210> 311
<211> 113
<212> PRT

<213> Homo sapiens

<220>

<223> Cadena variable delta 3 (V delta 3) humana de un receptor de linfocitos T (TCR) gamma delta - alias TRDV3

<400> 311

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

Glu Val Val Leu Leu Cys Thr Tyr Asp Thr Val Tyr Ser Asn Pro Asp
20 25 30

Leu Phe Trp Tyr Arg Ile Arg Pro Asp Tyr Ser Phe Gln Phe Val Phe
35 40 45

Tyr Gly Asp Asn Ser Arg Ser Glu Gly Ala Asp Phe Thr Gln Gly Arg
50 55 60

Phe Ser Val Lys His Ile Leu Thr Gln Lys Ala Phe His Leu Val Ile
65 70 75 80

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

<210> 312

<211> 119

<212> PRT

<213> Homo sapiens

<220>

<223> Pesado variable de E01

<400> 312

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

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

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

Gly Ile Ile Tyr Pro Gly Asp Ser Asp Thr Arg Tyr Ser Pro Ser Phe
50 55 60

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

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

Ala Arg His Gln Val Asp Thr Arg Thr Ala Asp Tyr Trp Gly Gln Gly
100 105 110

Thr Leu Val Thr Val Ser Ser
115

<210> 313
<211> 112
<212> PRT
<213> Homo sapiens

<220>

<223> Liviano variable de E01

<400> 313

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

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

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

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

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

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

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

<210> 314

<400> 314

0000

<210> 315

<400> 315

0000

<210> 316

<400> 316

0000

<210> 317
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> C08 HCDR1

<400> 317

Gly Phe Thr Val Ser Ser Asn Tyr
1 5

<210> 318
<211> 7
<212> PRT
<213> Homo sapiens

<220>

<223> C08 HCDR2

<400> 318

Ile Tyr Ser Gly Gly Ser Thr
1 5

<210> 319

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> C08 HCDR3

<400> 319

Pro Ile Glu Leu Gly Ala Phe Asp Ile
1 5

<210> 320

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> B07 HCDR1

<400> 320

Gly Phe Thr Phe Ser Asp Tyr Tyr
1 5

<210> 321

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> B07 HCDR2

<400> 321

Ile Ser Ser Ser Gly Ser Thr Ile
1 5

<210> 322
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> B07 HCDR3

<400> 322

Glu Asn Tyr Leu Asn Ala Phe Asp Ile
1 5

<210> 323
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> C05 HCDR1

<400> 323

Gly Phe Thr Phe Ser Ser Tyr Ala
1 5

<210> 324
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> C05 HCDR2

<400> 324

Ile Ser Gly Gly Gly Gly Thr Thr
1 5

<210> 325
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> C05 HCDR3

<400> 325

Asp Ser Gly Val Ala Phe Asp Ile
1 5

<210> 326

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> E04 HCDR1

<400> 326

Gly Asp Ser Val Ser Ser Asn Ser Ala Ala
1 5 10

<210> 327

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> E04 HCDR2

<400> 327

Thr Tyr Tyr Arg Ser Lys Trp Tyr Asn
1 5

<210> 328

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> E04 HCDR3

<400> 328

Ser Trp Asn Asp Ala Phe Asp Ile
1 5

<210> 329
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> F07 HCDR1

<400> 329

Gly Asp Ser Val Ser Ser Asn Ser Ala Ala
1 5 10

<210> 330
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> F07 HCDR2

<400> 330

Thr Tyr Tyr Arg Ser Lys Trp Tyr Asn
1 5

<210> 331
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> F07 HCDR3

<400> 331

Asp Tyr Tyr Tyr Ser Met Asp Val
1 5

<210> 332

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

<220>

<223> G06 HCDR1

<400> 332

Gly Phe Thr Phe Ser Asp Tyr Tyr
1 5

<210> 333
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> G06 HCDR2

<400> 333

Ile Ser Ser Ser Gly Ser Thr Ile
1 5

<210> 334
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> G06 HCDR3

<400> 334

His Ser Trp Asn Asp Ala Phe Asp Val
1 5

<210> 335
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> G09 HCDR1

<400> 335

Gly Asp Ser Val Ser Ser Asn Ser Ala Ala
1 5 10

<210> 336

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> G09 HCDR2

<400> 336

Thr Tyr Tyr Gly Ser Lys Trp Tyr Asn
1 5

<210> 337

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> G09 HCDR3

<400> 337

Asp Tyr Tyr Tyr Ser Met Asp Val
1 5

<210> 338

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> B09 HCDR1

<400> 338

Gly Phe Thr Phe Ser Asp Tyr Tyr

1

5

<210> 339
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> B09 HCDR2

<400> 339

Ile Ser Ser Ser Gly Ser Thr Ile
1 5

<210> 340
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> B09 HCDR3

<400> 340

His Ser Trp Ser Asp Ala Phe Asp Ile
1 5

<210> 341
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> G10 HCDR1

<400> 341

Gly Phe Thr Phe Ser Asp Tyr Tyr
1 5

<210> 342
<211> 8
<212> PRT

<213> Homo sapiens

<220>

<223> G10 HCDR2

<400> 342

Ile Ser Ser Ser Gly Ser Thr Ile
1 5

<210> 343

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> G10 HCDR3

<400> 343

His Ser Trp Asn Asp Ala Phe Asp Ile
1 5

<210> 344

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> E01 HCDR1

<400> 344

Gly Tyr Ser Phe Thr Ser Tyr Trp
1 5

<210> 345

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> E02 HCDR2

<400> 345

Ile Tyr Pro Gly Asp Ser Asp Thr
1 5

<210> 346

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> E02 HCDR3

<400> 346

His Gln Val Asp Thr Arg Thr Ala Asp Tyr
1 5 10

<210> 347

<211> 6

<212> PRT

<213> Homo sapiens

<220>

<223> C08 LCDR1

<400> 347

Asn Ile Gly Ser Gln Ser
1 5

<210> 348

<211> 3

<212> PRT

<213> Homo sapiens

<220>

<223> C08 LCDR2

<400> 348

Tyr Asp Ser
1

<210> 349
<211> 11
<212> PRT
<213> Homo sapiens

<220>

<223> C08 LCDR3

<400> 349

Gln Val Trp Asp Ser Ser Ser Asp His Val Val
1 5 10

<210> 350
<211> 6
<212> PRT
<213> Homo sapiens

<220>

<223> B07 LCDR1

<400> 350

Gln Ser Leu Ser Asn Tyr
1 5

<210> 351
<211> 3
<212> PRT
<213> Homo sapiens

<220>

<223> B07 LCDR2

<400> 351

Ala Ala Ser
1

<210> 352
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> B07 LCDR3

<400> 352

Gln Gln Ser Tyr Ser Thr Pro Leu Thr
1 5

<210> 353

<211> 6

<212> PRT

<213> Homo sapiens

<220>

<223> C05 LCDR1

<400> 353

Gln Asn Ile Arg Thr Trp
1 5

<210> 354

<211> 3

<212> PRT

<213> Homo sapiens

<220>

<223> C05 LCDR2

<400> 354

Asp Ala Ser
1

<210> 355

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> C05 LCDR3

<400> 355

Gln Gln Phe Lys Arg Tyr Pro Pro Thr
1 5

<210> 356
<211> 6
<212> PRT
<213> Homo sapiens

<220>

<223> E04 LCDR1

<400> 356

Gln Ser Ile Ser Thr Trp
1 5

<210> 357
<211> 3
<212> PRT
<213> Homo sapiens

<220>

<223> E04 LCDR2

<400> 357

Asp Ala Ser
1

<210> 358
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> E04 LCDR3

<400> 358

Gln Gln Ser Tyr Ser Thr Pro Leu Thr
1 5

<210> 359

<211> 6
<212> PRT
<213> Homo sapiens

<220>

<223> F07 LCDR1

<400> 359

Gln Ser Ile Ser Ser Trp
1 5

<210> 360
<211> 3
<212> PRT
<213> Homo sapiens

<220>

<223> F07 LCDR2

<400> 360

Asp Ala Ser
1

<210> 361
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> F07 LCDR3

<400> 361

Gln Gln Ser His Ser His Pro Pro Thr
1 5

<210> 362
<211> 6
<212> PRT
<213> Homo sapiens

<220>

<223> G06 LCDR1

<400> 362

Gln Ser Ile Ser Ser Tyr
1 5

<210> 363

<211> 3

<212> PRT

<213> Homo sapiens

<220>

<223> G06 LCDR2

<400> 363

Ala Ala Ser
1

<210> 364

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> G06 LCDR3

<400> 364

Gln Gln Ser Tyr Ser Thr Pro Asp Thr
1 5

<210> 365

<211> 6

<212> PRT

<213> Homo sapiens

<220>

<223> G09 LCDR1

<400> 365

Gln Ser Ile Ser Thr Trp

1

5

<210> 366
<211> 3
<212> PRT
<213> Homo sapiens

<220>

<223> G09 LCDR2

<400> 366

Asp Ala Ser
1

<210> 367
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> G09 LCDR3

<400> 367

Gln Gln Ser Tyr Ser Thr Pro Val Thr
1 5

<210> 368
<211> 6
<212> PRT
<213> Homo sapiens

<220>

<223> B09 LCDR1

<400> 368

Gln Asp Ile Ser Asn Tyr
1 5

<210> 369
<211> 3
<212> PRT

<213> Homo sapiens

<220>

<223> B09 LCDR2

<400> 369

Asp Ala Ser
1

<210> 370

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> B09 LCDR3

<400> 370

Gln Gln Ser Tyr Ser Thr Pro Leu Thr
1 5

<210> 371

<211> 6

<212> PRT

<213> Homo sapiens

<220>

<223> G10 LCDR1

<400> 371

Gln Ser Ile Ser Ser His
1 5

<210> 372

<211> 3

<212> PRT

<213> Homo sapiens

<220>

<223> G10 LCDR2

<400> 372

Ala Ala Ser
1

<210> 373

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> G10 LCDR3

<400> 373

Gln Gln Ser Tyr Ser Thr Leu Leu Thr
1 5

<210> 374

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> E01 LCDR1

<400> 374

Arg Ser Asp Val Gly Gly Tyr Asn Tyr
1 5

<210> 375

<211> 3

<212> PRT

<213> Homo sapiens

<220>

<223> E02 LCDR2

<400> 375

Glu Val Ser
1

<210> 376
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> E02 LCDR3

<400> 376

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

<210> 377
<211> 661
<212> PRT
<213> secuencia artificial

<220>

<223> Anti-lisozima de pollo x FS1-67 Fcab (dominio de fijación a EGFR)

<400> 377

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

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

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

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

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

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

Pro Arg Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg Thr Ala
100 105 110

Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys
115 120 125

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

Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn
145 150 155 160

Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser
165 170 175

Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys
180 185 190

Leu Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr
195 200 205

Lys Ser Phe Asn Arg Gly Glu Cys Gln Val Gln Leu Gln Glu Ser Gly
210 215 220

Pro Gly Leu Val Arg Pro Ser Gln Thr Leu Ser Leu Thr Cys Thr Val
225 230 235 240

Ser Gly Ser Thr Phe Ser Gly Tyr Gly Val Asn Trp Val Arg Gln Pro
245 250 255

Pro Gly Arg Gly Leu Glu Trp Ile Gly Met Ile Trp Gly Asp Gly Asn
260 265 270

Thr Asp Tyr Asn Ser Ala Leu Lys Ser Arg Val Thr Met Leu Val Asp
275 280 285

Thr Ser Lys Asn Gln Phe Ser Leu Arg Leu Ser Ser Val Thr Ala Ala
290 295 300

Asp Thr Ala Val Tyr Tyr Cys Ala Arg Glu Arg Asp Tyr Arg Leu Asp
305 310 315 320

Tyr Trp Gly Gln Gly Ser Leu Val Thr Val Ser Ser Ala Ser Thr Lys

325

330

335

Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly
 340 345 350

Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro
 355 360 365

Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr
 370 375 380

Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val
 385 390 395 400

Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn
 405 410 415

Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro
 420 425 430

Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu
 435 440 445

Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp
 450 455 460

Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp
 465 470 475 480

Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly
 485 490 495

Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn
 500 505 510

Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp
 515 520 525

Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro
 530 535 540

Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu
545 550 555 560

Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Thr Asp Asp Gly
565 570 575

Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile
580 585 590

Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn Asn Tyr Lys Thr
595 600 605

Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys
610 615 620

Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn Val Phe Ser Cys
625 630 635 640

Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu
645 650 655

Ser Leu Ser Pro Gly
660

<210> 378
<211> 662
<212> PRT
<213> Homo sapiens

<220>

<223> C08 parental x FS1-67 (LAGA)

<400> 378

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

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

Ser Val His Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Met Leu Val

35

40

45

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

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

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

Asp His Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly Gln
 100 105 110

Pro Ala Ala Ala Pro Ser Val Thr Leu Phe Pro Pro Ser Ser Glu Glu
 115 120 125

Leu Gln Ala Asn Lys Ala Thr Leu Val Cys Leu Ile Ser Asp Phe Tyr
 130 135 140

Pro Gly Ala Val Thr Val Ala Trp Lys Ala Asp Ser Ser Pro Val Lys
 145 150 155 160

Ala Gly Val Glu Thr Thr Thr Pro Ser Lys Gln Ser Asn Asn Lys Tyr
 165 170 175

Ala Ala Ser Ser Tyr Leu Ser Leu Thr Pro Glu Gln Trp Lys Ser His
 180 185 190

Arg Ser Tyr Ser Cys Gln Val Thr His Glu Gly Ser Thr Val Glu Lys
 195 200 205

Thr Val Ala Pro Thr Glu Cys Ser Glu Val Gln Leu Leu Glu Ser Gly
 210 215 220

Gly Gly Leu Val Gln Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala
 225 230 235 240

Ser Gly Phe Thr Val Ser Ser Asn Tyr Met Ser Trp Val Arg Gln Ala
 245 250 255

Pro Gly Lys Gly Leu Glu Trp Val Ser Val Ile Tyr Ser Gly Gly Ser
260 265 270

Thr Tyr Tyr Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp
275 280 285

Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu
290 295 300

Asp Thr Ala Val Tyr Tyr Cys Ala Ser Pro Ile Glu Leu Gly Ala Phe
305 310 315 320

Asp Ile Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr
325 330 335

Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser
340 345 350

Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu
355 360 365

Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His
370 375 380

Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser
385 390 395 400

Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys
405 410 415

Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu
420 425 430

Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro
435 440 445

Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys
450 455 460

Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val

465		470		475		480									
Asp	Val	Ser	His	Glu	Asp	Pro	Glu	Val	Lys	Phe	Asn	Trp	Tyr	Val	Asp
				485					490					495	
Gly	Val	Glu	Val	His	Asn	Ala	Lys	Thr	Lys	Pro	Arg	Glu	Glu	Gln	Tyr
			500					505					510		
Asn	Ser	Thr	Tyr	Arg	Val	Val	Ser	Val	Leu	Thr	Val	Leu	His	Gln	Asp
		515					520					525			
Trp	Leu	Asn	Gly	Lys	Glu	Tyr	Lys	Cys	Lys	Val	Ser	Asn	Lys	Ala	Leu
	530					535					540				
Pro	Ala	Pro	Ile	Glu	Lys	Thr	Ile	Ser	Lys	Ala	Lys	Gly	Gln	Pro	Arg
545					550					555					560
Glu	Pro	Gln	Val	Tyr	Thr	Leu	Pro	Pro	Ser	Arg	Asp	Glu	Thr	Asp	Asp
				565					570					575	
Gly	Pro	Val	Ser	Leu	Thr	Cys	Leu	Val	Lys	Gly	Phe	Tyr	Pro	Ser	Asp
			580					585					590		
Ile	Ala	Val	Glu	Trp	Glu	Ser	Thr	Tyr	Gly	Pro	Glu	Asn	Asn	Tyr	Lys
		595					600					605			
Thr	Thr	Pro	Pro	Val	Leu	Asp	Ser	Asp	Gly	Ser	Phe	Phe	Leu	Tyr	Ser
	610					615					620				
Lys	Leu	Thr	Val	Ser	Tyr	Trp	Arg	Trp	Tyr	Lys	Gly	Asn	Val	Phe	Ser
625					630					635					640
Cys	Ser	Val	Met	His	Glu	Ala	Leu	His	Asn	His	Tyr	Thr	Gln	Lys	Ser
				645					650					655	
Leu	Ser	Leu	Ser	Pro	Gly										
			660												

<210> 379
 <211> 666
 <212> PRT

<213> Homo sapiens

<220>

<223> G04 parental x FS1-67 (LAGA)

<400> 379

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

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

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

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

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

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

Pro Gln Val Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr
100 105 110

Ala Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu
115 120 125

Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro
130 135 140

Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly
145 150 155 160

Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr
165 170 175

Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His

180

185

190

Lys Leu Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val
 195 200 205

Thr Lys Ser Phe Asn Arg Gly Glu Cys Gln Val Gln Leu Gln Gln Ser
 210 215 220

Gly Pro Gly Leu Val Lys Pro Ser Gln Thr Leu Ser Leu Thr Cys Ala
 225 230 235 240

Ile Ser Gly Asp Ser Val Ser Ser Lys Ser Ala Ala Trp Asn Trp Ile
 245 250 255

Arg Gln Ser Pro Ser Arg Gly Leu Glu Trp Leu Gly Arg Thr Tyr Tyr
 260 265 270

Arg Ser Lys Trp Ser Thr Asp Tyr Ala Ala Ser Val Lys Ser Arg Ile
 275 280 285

Thr Ile Asn Pro Asp Thr Ser Lys Asn Gln Leu Ser Leu Gln Leu Asn
 290 295 300

Ser Val Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Trp
 305 310 315 320

Ser Gly Tyr Val Asp Val Trp Gly Gln Gly Thr Leu Val Thr Val Ser
 325 330 335

Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser
 340 345 350

Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp
 355 360 365

Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr
 370 375 380

Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr
 385 390 395 400

Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln
405 410 415

Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp
420 425 430

Lys Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro
435 440 445

Cys Pro Ala Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro
450 455 460

Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr
465 470 475 480

Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn
485 490 495

Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg
500 505 510

Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val
515 520 525

Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser
530 535 540

Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys
545 550 555 560

Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp
565 570 575

Glu Thr Asp Asp Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe
580 585 590

Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu
595 600 605

Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe

610

615

620

Phe Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly
 625 630 635 640

Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr
 645 650 655

Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly
 660 665

<210> 380

<211> 663

<212> PRT

<213> Homo sapiens

<220>

<223> E07 parental x FS1-67 (LAGA)

<400> 380

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

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

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

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

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

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

Leu Leu Thr Phe Gly Arg Gly Thr Lys Val Glu Ile Lys Arg Thr Ala
 100 105 110

Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys
115 120 125

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

Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn
145 150 155 160

Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser
165 170 175

Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys
180 185 190

Leu Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr
195 200 205

Lys Ser Phe Asn Arg Gly Glu Cys Gln Val Gln Leu Val Glu Ser Gly
210 215 220

Gly Gly Leu Val Lys Pro Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala
225 230 235 240

Ser Gly Phe Thr Phe Ser Asp Tyr Tyr Met Ser Trp Ile Arg Gln Ala
245 250 255

Pro Gly Lys Gly Leu Glu Trp Val Ser Tyr Ile Ser Ser Ser Gly Ser
260 265 270

Thr Ile Tyr Tyr Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg
275 280 285

Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
290 295 300

Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Val Asp Tyr Ala Asp Ala
305 310 315 320

Phe Asp Ile Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala Ser

325

330

335

Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr
 340 345 350

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

Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val
 370 375 380

His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser
 385 390 395 400

Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile
 405 410 415

Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val
 420 425 430

Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala
 435 440 445

Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro Lys Pro
 450 455 460

Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val
 465 470 475 480

Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val
 485 490 495

Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln
 500 505 510

Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln
 515 520 525

Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala
 530 535 540

Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro
545 550 555 560

Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Thr Asp
565 570 575

Asp Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser
580 585 590

Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn Asn Tyr
595 600 605

Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr
610 615 620

Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn Val Phe
625 630 635 640

Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys
645 650 655

Ser Leu Ser Leu Ser Pro Gly
660

<210> 381

<400> 381

0000

<210> 382

<400> 382

0000

<210> 383

<400> 383

0000

<210> 384

<400> 384

0000

<210> 385
<211> 329
<212> PRT
<213> Homo sapiens

<220>

<223> IgG1 CH1-CH2-CH3 FS-167 Fcab

<400> 385

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

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
35 40 45

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

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
100 105 110

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
165 170 175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
225 230 235 240

Thr Asp Asp Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
245 250 255

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn
260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
275 280 285

Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn
290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly
325

<210> 386
<211> 329
<212> PRT
<213> Homo sapiens

<220>

<223> IgG1 CH1-CH2-CH3 FS-167 Fcab (LAGA)

<400> 386

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

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
35 40 45

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

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
100 105 110

Pro Ala Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro
115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
165 170 175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
225 230 235 240

Thr Asp Asp Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
245 250 255

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn
260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
275 280 285

Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn
290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly
325

<210> 387

<400> 387

0000

<210> 388

<211> 664

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-2 x FS1-67 EGFR (LAGA)

<400> 388

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

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

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

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

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

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

Val Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala
100 105 110

Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
115 120 125

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

Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser
145 150 155 160

Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
165 170 175

Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val
180 185 190

Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys
195 200 205

Ser Phe Asn Arg Gly Glu Cys Glu Val Gln Leu Gln Gln Ser Gly Pro
210 215 220

Gly Leu Val Lys Pro Ser Gln Thr Leu Ser Leu Thr Cys Ala Ile Ser

225		230		235		240
Gly Asp Ser Val Ser Ser Lys Ser Ala Ala Trp Asn Trp Ile Arg Gln						
		245		250		255
Ser Pro Ser Arg Gly Leu Glu Trp Leu Gly Arg Thr Tyr Tyr Arg Ser						
		260		265		270
Lys Trp Ser Thr Asp Tyr Ala Ala Ser Val Lys Ser Arg Ile Thr Ile						
		275		280		285
Asn Pro Asp Thr Ser Lys Asn Gln Leu Ser Leu Gln Leu Asn Ser Val						
		290		295		300
Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Trp Val Gly						
305		310		315		320
Tyr Val Asp Arg Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala						
		325		330		335
Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser						
		340		345		350
Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe						
		355		360		365
Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly						
		370		375		380
Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu						
385		390		395		400
Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr						
		405		410		415
Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys						
		420		425		430
Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro						
		435		440		445

Ala Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro Lys
450 455 460

Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
465 470 475 480

Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
485 490 495

Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
500 505 510

Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
515 520 525

Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
530 535 540

Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln
545 550 555 560

Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Thr
565 570 575

Asp Asp Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro
580 585 590

Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn Asn
595 600 605

Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu
610 615 620

Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn Val
625 630 635 640

Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln
645 650 655

Lys Ser Leu Ser Leu Ser Pro Gly

<210> 389
 <211> 664
 <212> PRT
 <213> Homo sapiens

<220>

<223> ADT1-4-2 x LEE (LAGA)

<400> 389

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

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

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

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

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

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

Val Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala
 100 105 110

Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
 115 120 125

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

Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser
 145 150 155 160

Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
165 170 175

Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val
180 185 190

Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys
195 200 205

Ser Phe Asn Arg Gly Glu Cys Glu Val Gln Leu Gln Gln Ser Gly Pro
210 215 220

Gly Leu Val Lys Pro Ser Gln Thr Leu Ser Leu Thr Cys Ala Ile Ser
225 230 235 240

Gly Asp Ser Val Ser Ser Lys Ser Ala Ala Trp Asn Trp Ile Arg Gln
245 250 255

Ser Pro Ser Arg Gly Leu Glu Trp Leu Gly Arg Thr Tyr Tyr Arg Ser
260 265 270

Lys Trp Ser Thr Asp Tyr Ala Ala Ser Val Lys Ser Arg Ile Thr Ile
275 280 285

Asn Pro Asp Thr Ser Lys Asn Gln Leu Ser Leu Gln Leu Asn Ser Val
290 295 300

Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Trp Val Gly
305 310 315 320

Tyr Val Asp Arg Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala
325 330 335

Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser
340 345 350

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

Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly

370

375

380

Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu
385 390 395 400

Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr
405 410 415

Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys
420 425 430

Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro
435 440 445

Ala Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro Lys
450 455 460

Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
465 470 475 480

Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
485 490 495

Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
500 505 510

Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
515 520 525

Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
530 535 540

Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln
545 550 555 560

Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu
565 570 575

Glu Glu Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro
580 585 590

Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn Asn
595 600 605

Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu
610 615 620

Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn Val
625 630 635 640

Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln
645 650 655

Lys Ser Leu Ser Leu Ser Pro Gly
660

<210> 390

<400> 390

0000

<210> 391

<211> 329

<212> PRT

<213> Homo sapiens

<220>

<223> Módulo de fijación a (LEE) (LAGA)

<400> 391

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

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
35 40 45

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

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
100 105 110

Pro Ala Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro
115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
165 170 175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
225 230 235 240

Leu Glu Glu Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
245 250 255

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn
260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe

275

280

285

Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn
 290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
 305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly
 325

<210> 392

<211> 329

<212> PRT

<213> Homo sapiens

<220>

<223> Módulo de fijación a EGFR (LEE) (IgG1 wt)

<400> 392

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

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
 20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
 35 40 45

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

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
 65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
 85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
 100 105 110

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
165 170 175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
225 230 235 240

Leu Glu Glu Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
245 250 255

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn
260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
275 280 285

Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn
290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly

<210> 393

<400> 393

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<210> 394

<400> 394

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<210> 395

<400> 395

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<210> 396

<400> 396

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<210> 397

<400> 397

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<210> 398

<400> 398

0000

<210> 399

<211> 664

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-2 x FS1-67 EGFR (wt)

<400> 399

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

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

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

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

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

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

Val Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala
100 105 110

Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
115 120 125

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

Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser
145 150 155 160

Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
165 170 175

Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val
180 185 190

Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys
195 200 205

Ser Phe Asn Arg Gly Glu Cys Glu Val Gln Leu Gln Gln Ser Gly Pro
210 215 220

Gly Leu Val Lys Pro Ser Gln Thr Leu Ser Leu Thr Cys Ala Ile Ser

225		230		235		240									
Gly	Asp	Ser	Val	Ser	Ser	Lys	Ser	Ala	Ala	Trp	Asn	Trp	Ile	Arg	Gln
				245					250					255	
Ser	Pro	Ser	Arg	Gly	Leu	Glu	Trp	Leu	Gly	Arg	Thr	Tyr	Tyr	Arg	Ser
			260					265					270		
Lys	Trp	Ser	Thr	Asp	Tyr	Ala	Ala	Ser	Val	Lys	Ser	Arg	Ile	Thr	Ile
		275					280					285			
Asn	Pro	Asp	Thr	Ser	Lys	Asn	Gln	Leu	Ser	Leu	Gln	Leu	Asn	Ser	Val
	290					295					300				
Thr	Pro	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	Ala	Arg	Thr	Trp	Val	Gly
305					310					315					320
Tyr	Val	Asp	Arg	Trp	Gly	Gln	Gly	Thr	Leu	Val	Thr	Val	Ser	Ser	Ala
				325					330					335	
Ser	Thr	Lys	Gly	Pro	Ser	Val	Phe	Pro	Leu	Ala	Pro	Ser	Ser	Lys	Ser
			340					345					350		
Thr	Ser	Gly	Gly	Thr	Ala	Ala	Leu	Gly	Cys	Leu	Val	Lys	Asp	Tyr	Phe
		355					360					365			
Pro	Glu	Pro	Val	Thr	Val	Ser	Trp	Asn	Ser	Gly	Ala	Leu	Thr	Ser	Gly
	370					375					380				
Val	His	Thr	Phe	Pro	Ala	Val	Leu	Gln	Ser	Ser	Gly	Leu	Tyr	Ser	Leu
385					390					395					400
Ser	Ser	Val	Val	Thr	Val	Pro	Ser	Ser	Ser	Leu	Gly	Thr	Gln	Thr	Tyr
				405					410					415	
Ile	Cys	Asn	Val	Asn	His	Lys	Pro	Ser	Asn	Thr	Lys	Val	Asp	Lys	Lys
			420					425					430		
Val	Glu	Pro	Lys	Ser	Cys	Asp	Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	Pro
		435					440					445			

Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys
450 455 460

Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
465 470 475 480

Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
485 490 495

Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
500 505 510

Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
515 520 525

Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
530 535 540

Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln
545 550 555 560

Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Thr
565 570 575

Asp Asp Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro
580 585 590

Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn Asn
595 600 605

Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu
610 615 620

Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn Val
625 630 635 640

Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln
645 650 655

Lys Ser Leu Ser Leu Ser Pro Gly

660

<210> 400
<211> 664
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-2 x LEE (wt)

<400> 400

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

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

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

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

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

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

Val Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala
100 105 110

Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
115 120 125

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

Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser
145 150 155 160

Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
165 170 175

Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val
180 185 190

Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys
195 200 205

Ser Phe Asn Arg Gly Glu Cys Glu Val Gln Leu Gln Gln Ser Gly Pro
210 215 220

Gly Leu Val Lys Pro Ser Gln Thr Leu Ser Leu Thr Cys Ala Ile Ser
225 230 235 240

Gly Asp Ser Val Ser Ser Lys Ser Ala Ala Trp Asn Trp Ile Arg Gln
245 250 255

Ser Pro Ser Arg Gly Leu Glu Trp Leu Gly Arg Thr Tyr Tyr Arg Ser
260 265 270

Lys Trp Ser Thr Asp Tyr Ala Ala Ser Val Lys Ser Arg Ile Thr Ile
275 280 285

Asn Pro Asp Thr Ser Lys Asn Gln Leu Ser Leu Gln Leu Asn Ser Val
290 295 300

Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Trp Val Gly
305 310 315 320

Tyr Val Asp Arg Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala
325 330 335

Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser
340 345 350

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

Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly

370

375

380

Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu
 385 390 395 400

Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr
 405 410 415

Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys
 420 425 430

Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro
 435 440 445

Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys
 450 455 460

Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
 465 470 475 480

Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
 485 490 495

Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
 500 505 510

Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
 515 520 525

Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
 530 535 540

Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln
 545 550 555 560

Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu
 565 570 575

Glu Glu Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro
 580 585 590

Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn Asn
595 600 605

Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu
610 615 620

Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn Val
625 630 635 640

Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln
645 650 655

Lys Ser Leu Ser Leu Ser Pro Gly
660

<210> 401

<400> 401

0000

<210> 402

<400> 402

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<210> 403

<400> 403

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<210> 404

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<210> 405

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<210> 411

<400> 411

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<210> 412

<400> 412

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<210> 413

<400> 413

0000

<210> 414

<211> 215

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-2 LC

<400> 414

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

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

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

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

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

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

Val Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala
100 105 110

Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
115 120 125

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

Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser
145 150 155 160

Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
165 170 175

Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val
180 185 190

Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys
195 200 205

Ser Phe Asn Arg Gly Glu Cys
210 215

<210> 415

<400> 415

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<210> 416

<400> 416

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<210> 417

<400> 417

0000

<210> 418

<400> 418

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<210> 419

<400> 419

0000

<210> 420

<400> 420

0000

<210> 421

<211> 217

<212> PRT

<213> Homo sapiens

<220>

<223> G04 LC

<400> 421

Ala Ser Asp Ile Gln Met Thr Gln Ser Pro Pro Ala Leu Ser Ala Ser

<210> 422

<400> 422

0000

<210> 423

<211> 216

<212> PRT

<213> Homo sapiens

<220>

<223> E07 LC

<400> 423

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

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

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

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

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

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

Leu Leu Thr Phe Gly Arg Gly Thr Lys Val Glu Ile Lys Arg Thr Ala
100 105 110

Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys
115 120 125

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

Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn
145 150 155 160

Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser
165 170 175

Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys
180 185 190

Leu Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr
195 200 205

Lys Ser Phe Asn Arg Gly Glu Cys
210 215

<210> 424

<400> 424

0000

<210> 425

<211> 216

<212> PRT

<213> Homo sapiens

<220>

<223> C08 LC

<400> 425

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

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

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

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

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

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

Asp His Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly Gln
100 105 110

Pro Ala Ala Ala Pro Ser Val Thr Leu Phe Pro Pro Ser Ser Glu Glu
115 120 125

Leu Gln Ala Asn Lys Ala Thr Leu Val Cys Leu Ile Ser Asp Phe Tyr
130 135 140

Pro Gly Ala Val Thr Val Ala Trp Lys Ala Asp Ser Ser Pro Val Lys
145 150 155 160

Ala Gly Val Glu Thr Thr Thr Pro Ser Lys Gln Ser Asn Asn Lys Tyr
165 170 175

Ala Ala Ser Ser Tyr Leu Ser Leu Thr Pro Glu Gln Trp Lys Ser His
180 185 190

Arg Ser Tyr Ser Cys Gln Val Thr His Glu Gly Ser Thr Val Glu Lys
195 200 205

Thr Val Ala Pro Thr Glu Cys Ser
210 215

<210> 426
<211> 446
<212> PRT
<213> Homo sapiens

<220>

<223> C08 HC (LAGA) EGFR FS1-67

<400> 426

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Arg

1	5	10	15
Ser	Leu	Arg	Leu
	20		
Ser	Cys	Ala	Ala
		25	
Ser	Gly	Phe	Thr
			Val
Ser	Ser	Asn	
	30		
Tyr	Met	Ser	Trp
	35		
Val	Arg	Gln	Ala
		40	
Pro	Gly	Lys	Gly
			Leu
Glu	Trp	Val	
	45		
Ser	Val	Ile	Tyr
	50		
Ser	Gly	Gly	Ser
		55	
Thr	Tyr	Tyr	Ala
			60
Asp	Ser	Val	Lys
Gly	Arg	Phe	Thr
	65		
Ile	Ser	Arg	Asp
	70		
Asn	Ser	Lys	Asn
		75	
Thr	Leu	Tyr	Leu
			80
Gln	Met	Asn	Ser
			85
Leu	Arg	Ala	Glu
			90
Asp	Thr	Ala	Val
Tyr	Tyr	Cys	Ala
		95	
Ser	Pro	Ile	Glu
		100	
Leu	Gly	Ala	Phe
			105
Asp	Ile	Trp	Gly
			Gln
Gly	Thr	Leu	
			110
Val	Thr	Val	Ser
		115	
Ser	Ser	Ala	Ser
			120
Thr	Lys	Gly	Pro
			Ser
Val	Phe	Pro	Leu
			125
Ala	Pro	Ser	Ser
	130		
Lys	Ser	Thr	Ser
		135	
Gly	Gly	Thr	Ala
			140
Ala	Leu	Gly	Cys
Leu	Val	Lys	Asp
			145
Tyr	Phe	Pro	Glu
			150
Pro	Val	Thr	Val
		155	
Ser	Trp	Asn	Ser
			160
Gly	Ala	Leu	Thr
			165
Ser	Gly	Val	His
			170
Pro	Ala	Val	Leu
			175
Gln	Ser		
Ser	Gly	Leu	Tyr
		180	
Ser	Leu	Ser	Ser
			185
Val	Val	Thr	Val
			190
Pro	Ser	Ser	Ser
Leu	Gly	Thr	Gln
		195	
Thr	Tyr	Ile	Cys
			200
Asn	Val	Asn	His
			205
Lys	Pro	Ser	Asn
Thr	Lys	Val	Asp
			210
Lys	Lys	Val	Glu
			215
Pro	Lys	Ser	Cys
			220
Asp	Lys	Thr	His

Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Ala Gly Ala Pro Ser Val
225 230 235 240

Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr
245 250 255

Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu
260 265 270

Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys
275 280 285

Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser
290 295 300

Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys
305 310 315 320

Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile
325 330 335

Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro
340 345 350

Pro Ser Arg Asp Glu Thr Asp Asp Gly Pro Val Ser Leu Thr Cys Leu
355 360 365

Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr
370 375 380

Tyr Gly Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser
385 390 395 400

Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg
405 410 415

Trp Tyr Lys Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu
420 425 430

His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly

435

440

445

<210> 427
 <211> 447
 <212> PRT
 <213> Homo sapiens

<220>

<223> E07 HC (LAGA) EGFR FS1-67

<400> 427

Gln 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 Ala Ala Ser Gly Phe Thr Phe Ser Asp Tyr
 20 25 30

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

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile 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 Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Val Asp Tyr Ala Asp Ala Phe Asp Ile Trp Gly Gln Gly Thr
 100 105 110

Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro
 115 120 125

Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly
 130 135 140

Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn
 145 150 155 160

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

Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser
180 185 190

Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser
195 200 205

Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp Lys Thr
210 215 220

His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Ala Gly Ala Pro Ser
225 230 235 240

Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg
245 250 255

Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu Asp Pro
260 265 270

Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala
275 280 285

Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val
290 295 300

Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr
305 310 315 320

Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr
325 330 335

Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu
340 345 350

Pro Pro Ser Arg Asp Glu Thr Asp Asp Gly Pro Val Ser Leu Thr Cys
355 360 365

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

370

375

380

Thr Tyr Gly Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp
 385 390 395 400

Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp
 405 410 415

Arg Trp Tyr Lys Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala
 420 425 430

Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly
 435 440 445

<210> 428

<400> 428

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<210> 429

<400> 429

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<210> 430

<400> 430

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<210> 431

<211> 449

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-2 HC (LAGA) EGFR FS1-67

<400> 431

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

Thr Leu Ser Leu Thr Cys Ala Ile Ser Gly Asp Ser Val Ser Ser Lys

20

25

30

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
 50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
 65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
 85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Arg Trp Gly Gln
 100 105 110

Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val
 115 120 125

Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala
 130 135 140

Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser
 145 150 155 160

Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val
 165 170 175

Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro
 180 185 190

Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys
 195 200 205

Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp
 210 215 220

Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Ala Gly Ala
 225 230 235 240

Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile
245 250 255

Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu
260 265 270

Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His
275 280 285

Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg
290 295 300

Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys
305 310 315 320

Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu
325 330 335

Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
340 345 350

Thr Leu Pro Pro Ser Arg Asp Glu Thr Asp Asp Gly Pro Val Ser Leu
355 360 365

Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp
370 375 380

Glu Ser Thr Tyr Gly Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val
385 390 395 400

Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Ser
405 410 415

Tyr Trp Arg Trp Tyr Lys Gly Asn Val Phe Ser Cys Ser Val Met His
420 425 430

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

Gly

<210> 432
<211> 449
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-2 HC (LAGA) EGFR LEE

<400> 432

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Arg Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val
115 120 125

Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala
130 135 140

Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser
145 150 155 160

Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val
165 170 175

Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro
180 185 190

Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys
195 200 205

Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp
210 215 220

Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Ala Gly Ala
225 230 235 240

Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile
245 250 255

Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu
260 265 270

Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His
275 280 285

Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg
290 295 300

Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys
305 310 315 320

Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu
325 330 335

Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
340 345 350

Thr Leu Pro Pro Ser Arg Asp Glu Leu Glu Glu Gly Pro Val Ser Leu
355 360 365

Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp

370

375

380

Glu Ser Thr Tyr Gly Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val
 385 390 395 400

Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Ser
 405 410 415

Tyr Trp Arg Trp Tyr Lys Gly Asn Val Phe Ser Cys Ser Val Met His
 420 425 430

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

Gly

<210> 433

<400> 433

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<210> 434

<400> 434

0000

<210> 435

<211> 449

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-2 HC (wt) EGFR FS1-67

<400> 435

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Arg Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val
115 120 125

Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala
130 135 140

Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser
145 150 155 160

Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val
165 170 175

Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro
180 185 190

Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys
195 200 205

Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp
210 215 220

Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly
225 230 235 240

Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile

245

250

255

Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu
 260 265 270

Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His
 275 280 285

Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg
 290 295 300

Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys
 305 310 315 320

Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu
 325 330 335

Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
 340 345 350

Thr Leu Pro Pro Ser Arg Asp Glu Thr Asp Asp Gly Pro Val Ser Leu
 355 360 365

Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp
 370 375 380

Glu Ser Thr Tyr Gly Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val
 385 390 395 400

Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Ser
 405 410 415

Tyr Trp Arg Trp Tyr Lys Gly Asn Val Phe Ser Cys Ser Val Met His
 420 425 430

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

Gly

<210> 436
<211> 449
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-2 HC (wt) EGFR LEE

<400> 436

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Arg Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val
115 120 125

Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala
130 135 140

Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser
145 150 155 160

Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val

165

170

175

Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro
 180 185 190

Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys
 195 200 205

Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp
 210 215 220

Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly
 225 230 235 240

Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile
 245 250 255

Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu
 260 265 270

Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His
 275 280 285

Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg
 290 295 300

Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys
 305 310 315 320

Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu
 325 330 335

Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
 340 345 350

Thr Leu Pro Pro Ser Arg Asp Glu Leu Glu Glu Gly Pro Val Ser Leu
 355 360 365

Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp
 370 375 380

Glu Ser Thr Tyr Gly Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val
385 390 395 400

Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Ser
405 410 415

Tyr Trp Arg Trp Tyr Lys Gly Asn Val Phe Ser Cys Ser Val Met His
420 425 430

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

Gly

<210> 437
<211> 449
<212> PRT
<213> Homo sapiens

<220>

<223> G04 HC (LAGA) EGFR FS1-67

<400> 437

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val

85

90

95

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

Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val
 115 120 125

Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala
 130 135 140

Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser
 145 150 155 160

Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val
 165 170 175

Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro
 180 185 190

Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys
 195 200 205

Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp
 210 215 220

Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Ala Gly Ala
 225 230 235 240

Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile
 245 250 255

Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu
 260 265 270

Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His
 275 280 285

Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg
 290 295 300

Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys
305 310 315 320

Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu
325 330 335

Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
340 345 350

Thr Leu Pro Pro Ser Arg Asp Glu Thr Asp Asp Gly Pro Val Ser Leu
355 360 365

Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp
370 375 380

Glu Ser Thr Tyr Gly Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val
385 390 395 400

Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Ser
405 410 415

Tyr Trp Arg Trp Tyr Lys Gly Asn Val Phe Ser Cys Ser Val Met His
420 425 430

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

Gly

<210> 438

<400> 438

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<400> 447

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<210> 448

<211> 118

<212> PRT

<213> Homo sapiens

<220>

<223> EGFR VH

<400> 448

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

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

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

Gly Val Ile Trp Ser Gly Gly Asn Thr Asp Tyr Asn Thr Pro Phe Thr
50 55 60

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

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

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

Thr Leu Val Thr Val Ser
115

<210> 449

<211> 107

<212> PRT

<213> Homo sapiens

<220>

<223> EGFR VL

<400> 449

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

Glu Arg Val Ser Phe Ser Cys Arg Ala Ser Gln Ser Ile Gly Thr Asn
20 25 30

Ile His Trp Tyr Gln Gln Arg Thr Asn Gly Ser Pro Arg Leu Leu Ile
35 40 45

Lys Tyr Ala Ser Glu Ser Ile Ser Gly Ile Pro Ser Arg Phe Ser Gly
50 55 60

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

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

Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys
100 105

<210> 450
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> EGFR HCDR1

<400> 450

Gly Phe Ser Leu Thr Asn Tyr Gly
1 5

<210> 451
<211> 7
<212> PRT
<213> Homo sapiens

<220>

<223> EGFR HCDR2

<400> 451

Ile Trp Ser Gly Gly Asn Thr
1 5

<210> 452
<211> 13
<212> PRT
<213> Homo sapiens

<220>

<223> EGFR HCDR3

<400> 452

Ala Arg Ala Leu Thr Tyr Tyr Asp Tyr Glu Phe Ala Tyr
1 5 10

<210> 453
<211> 11
<212> PRT
<213> Homo sapiens

<220>

<223> EGFR LCDR1

<400> 453

Arg Ala Ser Gln Ser Ile Gly Thr Asn Ile His
1 5 10

<210> 454
<211> 7
<212> PRT
<213> Homo sapiens

<220>

<223> EGFR LCDR2

<400> 454

Tyr Ala Ser Glu Ser Ile Ser
1 5

<210> 455
<211> 9

<212> PRT
<213> Homo sapiens

<220>

<223> EGFR LCDR3

<400> 455

Gln Gln Asn Asn Asn Trp Pro Thr Thr
1 5

<210> 456

<400> 456

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<210> 504

<211> 664

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-2 x LEE1 (LAGA)

<400> 504

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

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

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

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

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

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

Val Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala
100 105 110

Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
115 120 125

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

Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser
145 150 155 160

Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
165 170 175

Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val
180 185 190

Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys
195 200 205

Ser Phe Asn Arg Gly Glu Cys Glu Val Gln Leu Gln Gln Ser Gly Pro
210 215 220

Gly Leu Val Lys Pro Ser Gln Thr Leu Ser Leu Thr Cys Ala Ile Ser
225 230 235 240

Gly Asp Ser Val Ser Ser Lys Ser Ala Ala Trp Asn Trp Ile Arg Gln

245

250

255

Ser Pro Ser Arg Gly Leu Glu Trp Leu Gly Arg Thr Tyr Tyr Arg Ser
 260 265 270

Lys Trp Ser Thr Asp Tyr Ala Ala Ser Val Lys Ser Arg Ile Thr Ile
 275 280 285

Asn Pro Asp Thr Ser Lys Asn Gln Leu Ser Leu Gln Leu Asn Ser Val
 290 295 300

Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Trp Val Gly
 305 310 315 320

Tyr Val Asp Arg Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala
 325 330 335

Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser
 340 345 350

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

Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly
 370 375 380

Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu
 385 390 395 400

Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr
 405 410 415

Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys
 420 425 430

Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro
 435 440 445

Ala Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro Lys
 450 455 460

Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
465 470 475 480

Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
485 490 495

Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
500 505 510

Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
515 520 525

Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
530 535 540

Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln
545 550 555 560

Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu
565 570 575

Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro
580 585 590

Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn Asn
595 600 605

Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu
610 615 620

Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn Val
625 630 635 640

Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln
645 650 655

Lys Ser Leu Ser Leu Ser Pro Gly
660

<210> 505

<211> 664
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-2 x LEE1 (wt)

<400> 505

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

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

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

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

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

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

Val Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala
100 105 110

Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
115 120 125

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

Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser
145 150 155 160

Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
165 170 175

Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val
180 185 190

Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys
195 200 205

Ser Phe Asn Arg Gly Glu Cys Glu Val Gln Leu Gln Gln Ser Gly Pro
210 215 220

Gly Leu Val Lys Pro Ser Gln Thr Leu Ser Leu Thr Cys Ala Ile Ser
225 230 235 240

Gly Asp Ser Val Ser Ser Lys Ser Ala Ala Trp Asn Trp Ile Arg Gln
245 250 255

Ser Pro Ser Arg Gly Leu Glu Trp Leu Gly Arg Thr Tyr Tyr Arg Ser
260 265 270

Lys Trp Ser Thr Asp Tyr Ala Ala Ser Val Lys Ser Arg Ile Thr Ile
275 280 285

Asn Pro Asp Thr Ser Lys Asn Gln Leu Ser Leu Gln Leu Asn Ser Val
290 295 300

Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Trp Val Gly
305 310 315 320

Tyr Val Asp Arg Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala
325 330 335

Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser
340 345 350

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

Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly
370 375 380

Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu

385					390						395					400
Ser	Ser	Val	Val	Thr	Val	Pro	Ser	Ser	Ser	Leu	Gly	Thr	Gln	Thr	Tyr	
				405					410					415		
Ile	Cys	Asn	Val	Asn	His	Lys	Pro	Ser	Asn	Thr	Lys	Val	Asp	Lys	Lys	
			420					425					430			
Val	Glu	Pro	Lys	Ser	Cys	Asp	Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	Pro	
		435					440					445				
Ala	Pro	Glu	Leu	Leu	Gly	Gly	Pro	Ser	Val	Phe	Leu	Phe	Pro	Pro	Lys	
	450					455					460					
Pro	Lys	Asp	Thr	Leu	Met	Ile	Ser	Arg	Thr	Pro	Glu	Val	Thr	Cys	Val	
465					470					475					480	
Val	Val	Asp	Val	Ser	His	Glu	Asp	Pro	Glu	Val	Lys	Phe	Asn	Trp	Tyr	
				485					490					495		
Val	Asp	Gly	Val	Glu	Val	His	Asn	Ala	Lys	Thr	Lys	Pro	Arg	Glu	Glu	
			500					505					510			
Gln	Tyr	Asn	Ser	Thr	Tyr	Arg	Val	Val	Ser	Val	Leu	Thr	Val	Leu	His	
		515					520					525				
Gln	Asp	Trp	Leu	Asn	Gly	Lys	Glu	Tyr	Lys	Cys	Lys	Val	Ser	Asn	Lys	
	530					535					540					
Ala	Leu	Pro	Ala	Pro	Ile	Glu	Lys	Thr	Ile	Ser	Lys	Ala	Lys	Gly	Gln	
545					550					555					560	
Pro	Arg	Glu	Pro	Gln	Val	Tyr	Thr	Leu	Pro	Pro	Ser	Arg	Asp	Glu	Leu	
				565					570					575		
Thr	Lys	Asn	Gln	Val	Ser	Leu	Thr	Cys	Leu	Val	Lys	Gly	Phe	Tyr	Pro	
			580					585					590			
Ser	Asp	Ile	Ala	Val	Glu	Trp	Glu	Ser	Thr	Tyr	Gly	Pro	Glu	Asn	Asn	
		595					600					605				

Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu
610 615 620

Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn Val
625 630 635 640

Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln
645 650 655

Lys Ser Leu Ser Leu Ser Pro Gly
660

<210> 506
<211> 449
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-2 HC EGFR LEE1 (LAGA)

<400> 506

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Arg Trp Gly Gln

	100		105		110														
Gly	Thr	Leu	Val	Thr	Val	Ser	Ser	Ala	Ser	Thr	Lys	Gly	Pro	Ser	Val				
		115					120					125							
Phe	Pro	Leu	Ala	Pro	Ser	Ser	Lys	Ser	Thr	Ser	Gly	Gly	Thr	Ala	Ala				
	130					135					140								
Leu	Gly	Cys	Leu	Val	Lys	Asp	Tyr	Phe	Pro	Glu	Pro	Val	Thr	Val	Ser				
145					150					155					160				
Trp	Asn	Ser	Gly	Ala	Leu	Thr	Ser	Gly	Val	His	Thr	Phe	Pro	Ala	Val				
				165					170					175					
Leu	Gln	Ser	Ser	Gly	Leu	Tyr	Ser	Leu	Ser	Ser	Val	Val	Thr	Val	Pro				
			180					185					190						
Ser	Ser	Ser	Leu	Gly	Thr	Gln	Thr	Tyr	Ile	Cys	Asn	Val	Asn	His	Lys				
		195					200					205							
Pro	Ser	Asn	Thr	Lys	Val	Asp	Lys	Lys	Val	Glu	Pro	Lys	Ser	Cys	Asp				
	210					215				220									
Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	Pro	Ala	Pro	Glu	Leu	Ala	Gly	Ala				
225					230					235					240				
Pro	Ser	Val	Phe	Leu	Phe	Pro	Pro	Lys	Pro	Lys	Asp	Thr	Leu	Met	Ile				
				245					250					255					
Ser	Arg	Thr	Pro	Glu	Val	Thr	Cys	Val	Val	Val	Asp	Val	Ser	His	Glu				
			260					265					270						
Asp	Pro	Glu	Val	Lys	Phe	Asn	Trp	Tyr	Val	Asp	Gly	Val	Glu	Val	His				
		275					280					285							
Asn	Ala	Lys	Thr	Lys	Pro	Arg	Glu	Glu	Gln	Tyr	Asn	Ser	Thr	Tyr	Arg				
	290					295					300								
Val	Val	Ser	Val	Leu	Thr	Val	Leu	His	Gln	Asp	Trp	Leu	Asn	Gly	Lys				
305					310				315					320					

Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu
325 330 335

Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
340 345 350

Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu
355 360 365

Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp
370 375 380

Glu Ser Thr Tyr Gly Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val
385 390 395 400

Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Ser
405 410 415

Tyr Trp Arg Trp Tyr Lys Gly Asn Val Phe Ser Cys Ser Val Met His
420 425 430

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

Gly

<210> 507
<211> 449
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-2 HC EGFR LEE1 (wt)

<400> 507

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

Thr Leu Ser Leu Thr Cys Ala Ile Ser Gly Asp Ser Val Ser Ser Lys

20

25

30

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
 50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
 65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
 85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Arg Trp Gly Gln
 100 105 110

Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val
 115 120 125

Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala
 130 135 140

Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser
 145 150 155 160

Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val
 165 170 175

Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro
 180 185 190

Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys
 195 200 205

Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp
 210 215 220

Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly
 225 230 235 240

Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile
245 250 255

Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu
260 265 270

Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His
275 280 285

Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg
290 295 300

Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys
305 310 315 320

Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu
325 330 335

Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
340 345 350

Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu
355 360 365

Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp
370 375 380

Glu Ser Thr Tyr Gly Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val
385 390 395 400

Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Ser
405 410 415

Tyr Trp Arg Trp Tyr Lys Gly Asn Val Phe Ser Cys Ser Val Met His
420 425 430

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

Gly

<210> 508
<211> 329
<212> PRT
<213> Homo sapiens

<220>

<223> Módulo de fijación a EGFR LEE1 CH1-CH2-CH3 (LAGA)

<400> 508

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

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
35 40 45

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

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
100 105 110

Pro Ala Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro
115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
165 170 175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
225 230 235 240

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
245 250 255

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn
260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
275 280 285

Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn
290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly
325

<210> 509
<211> 329
<212> PRT
<213> Homo sapiens

<220>

<223> Módulo de fijación a EGFR LEE1 CH1-CH2-CH3 (wt)

<400> 509

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

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
35 40 45

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

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
100 105 110

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
165 170 175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
225 230 235 240

Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
245 250 255

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn
260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
275 280 285

Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn
290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly
325

<210> 510
<211> 106
<212> PRT
<213> Homo sapiens

<220>

<223> Módulo de fijación CH3 a EGFR LEE1

<400> 510

Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp
1 5 10 15

Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe
20 25 30

Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu

35

40

45

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

Phe Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly
 65 70 75 80

Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr
 85 90 95

Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly
 100 105

<210> 511
 <211> 3
 <212> PRT
 <213> Homo sapiens

<220>

<223> Sustituciones CD de EGFR LEE1

<400> 511

Thr Tyr Gly
 1

<210> 512
 <211> 7
 <212> PRT
 <213> Homo sapiens

<220>

<223> Sustituciones EF de EGFR LEE1

<400> 512

Ser Tyr Trp Arg Trp Tyr Lys
 1 5

<210> 513
 <211> 8
 <212> PRT

<213> Homo sapiens

<220>

<223> Bucle AB de EGFR LEE1 (WT)

<400> 513

Arg Asp Glu Leu Thr Lys Asn Gln
1 5

<210> 514

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> Bucle CD de EGFR LEE1

<400> 514

Ser Thr Tyr Gly Pro Glu Asn Asn Tyr
1 5

<210> 515

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> Bucle EF EGFR LEE1

<400> 515

Ser Tyr Trp Arg Trp Tyr Lys Gly Asn Val
1 5 10

<210> 516

<211> 664

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-2 x LEE2 (LAGA)

<400> 516

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

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

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

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

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

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

Val Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala
100 105 110

Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
115 120 125

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

Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser
145 150 155 160

Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
165 170 175

Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val
180 185 190

Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys
195 200 205

Ser Phe Asn Arg Gly Glu Cys Glu Val Gln Leu Gln Gln Ser Gly Pro
210 215 220

Gly Leu Val Lys Pro Ser Gln Thr Leu Ser Leu Thr Cys Ala Ile Ser
225 230 235 240

Gly Asp Ser Val Ser Ser Lys Ser Ala Ala Trp Asn Trp Ile Arg Gln
245 250 255

Ser Pro Ser Arg Gly Leu Glu Trp Leu Gly Arg Thr Tyr Tyr Arg Ser
260 265 270

Lys Trp Ser Thr Asp Tyr Ala Ala Ser Val Lys Ser Arg Ile Thr Ile
275 280 285

Asn Pro Asp Thr Ser Lys Asn Gln Leu Ser Leu Gln Leu Asn Ser Val
290 295 300

Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Trp Val Gly
305 310 315 320

Tyr Val Asp Arg Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala
325 330 335

Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser
340 345 350

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

Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly
370 375 380

Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu
385 390 395 400

Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr
405 410 415

Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys

420

425

430

Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro
 435 440 445

Ala Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro Lys
 450 455 460

Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
 465 470 475 480

Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
 485 490 495

Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
 500 505 510

Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
 515 520 525

Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
 530 535 540

Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln
 545 550 555 560

Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu
 565 570 575

Glu Glu Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro
 580 585 590

Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn
 595 600 605

Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu
 610 615 620

Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn Val
 625 630 635 640

Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln
645 650 655

Lys Ser Leu Ser Leu Ser Pro Gly
660

<210> 517
<211> 664
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-2 x LEE2 (wt)

<400> 517

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

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

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

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

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

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

Val Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala
100 105 110

Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
115 120 125

Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu

130

135

140

Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser
 145 150 155 160

Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
 165 170 175

Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val
 180 185 190

Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys
 195 200 205

Ser Phe Asn Arg Gly Glu Cys Glu Val Gln Leu Gln Gln Ser Gly Pro
 210 215 220

Gly Leu Val Lys Pro Ser Gln Thr Leu Ser Leu Thr Cys Ala Ile Ser
 225 230 235 240

Gly Asp Ser Val Ser Ser Lys Ser Ala Ala Trp Asn Trp Ile Arg Gln
 245 250 255

Ser Pro Ser Arg Gly Leu Glu Trp Leu Gly Arg Thr Tyr Tyr Arg Ser
 260 265 270

Lys Trp Ser Thr Asp Tyr Ala Ala Ser Val Lys Ser Arg Ile Thr Ile
 275 280 285

Asn Pro Asp Thr Ser Lys Asn Gln Leu Ser Leu Gln Leu Asn Ser Val
 290 295 300

Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Trp Val Gly
 305 310 315 320

Tyr Val Asp Arg Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala
 325 330 335

Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser
 340 345 350

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

Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly
370 375 380

Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu
385 390 395 400

Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr
405 410 415

Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys
420 425 430

Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro
435 440 445

Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys
450 455 460

Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
465 470 475 480

Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
485 490 495

Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
500 505 510

Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
515 520 525

Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
530 535 540

Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln
545 550 555 560

Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu

565

570

575

Glu Glu Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro
 580 585 590

Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn
 595 600 605

Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu
 610 615 620

Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn Val
 625 630 635 640

Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln
 645 650 655

Lys Ser Leu Ser Leu Ser Pro Gly
 660

<210> 518
 <211> 449
 <212> PRT
 <213> Homo sapiens

<220>

<223> ADT1-4-2 HC EGFR LEE2 (LAGA)

<400> 518

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
 50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Arg Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val
115 120 125

Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala
130 135 140

Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser
145 150 155 160

Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val
165 170 175

Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro
180 185 190

Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys
195 200 205

Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp
210 215 220

Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Ala Gly Ala
225 230 235 240

Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile
245 250 255

Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu
260 265 270

Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His

275

280

285

Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg
 290 295 300

Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys
 305 310 315 320

Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu
 325 330 335

Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
 340 345 350

Thr Leu Pro Pro Ser Arg Asp Glu Leu Glu Glu Gly Pro Val Ser Leu
 355 360 365

Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp
 370 375 380

Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val
 385 390 395 400

Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Ser
 405 410 415

Tyr Trp Arg Trp Tyr Lys Gly Asn Val Phe Ser Cys Ser Val Met His
 420 425 430

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

Gly

<210> 519
 <211> 449
 <212> PRT
 <213> Homo sapiens

<220>

<223> ADT1-4-2 HC EGFR LEE2 (wt)

<400> 519

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Arg Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val
115 120 125

Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala
130 135 140

Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser
145 150 155 160

Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val
165 170 175

Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro
180 185 190

Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys

195

200

205

Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp
 210 215 220

Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly
 225 230 235 240

Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile
 245 250 255

Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu
 260 265 270

Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His
 275 280 285

Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg
 290 295 300

Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys
 305 310 315 320

Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu
 325 330 335

Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
 340 345 350

Thr Leu Pro Pro Ser Arg Asp Glu Leu Glu Glu Gly Pro Val Ser Leu
 355 360 365

Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp
 370 375 380

Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val
 385 390 395 400

Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Ser
 405 410 415

Tyr Trp Arg Trp Tyr Lys Gly Asn Val Phe Ser Cys Ser Val Met His
420 425 430

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

Gly

<210> 520
<211> 329
<212> PRT
<213> Homo sapiens

<220>

<223> Módulo de fijación a EGFR LEE2 CH1-CH2-CH3 (LAGA)

<400> 520

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

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
35 40 45

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

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
100 105 110

Pro Ala Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro

115

120

125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
 130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
 145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
 165 170 175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
 180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
 195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
 210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
 225 230 235 240

Leu Glu Glu Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
 245 250 255

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
 260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
 275 280 285

Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn
 290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
 305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly
 325

<210> 521
<211> 329
<212> PRT
<213> Homo sapiens

<220>

<223> Módulo de fijación a EGFR LEE2 CH1-CH2-CH3 (wt)

<400> 521

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

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
35 40 45

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

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
100 105 110

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu

165

170

175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
 180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
 195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
 210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
 225 230 235 240

Leu Glu Glu Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
 245 250 255

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
 260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
 275 280 285

Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly Asn
 290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
 305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly
 325

<210> 522

<211> 106

<212> PRT

<213> Homo sapiens

<220>

<223> Módulo de fijación CH3 a EGFR LEE2

<400> 522

Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp
1 5 10 15

Glu Leu Glu Glu Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe
20 25 30

Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu
35 40 45

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

Phe Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly
65 70 75 80

Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr
85 90 95

Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly
100 105

<210> 523
<211> 4
<212> PRT
<213> Homo sapiens

<220>

<223> Sustituciones AB de EGFR LEE2

<400> 523

Glu Glu Gly Pro
1

<210> 524
<211> 8
<212> PRT
<213> Homo sapiens

<220>

<223> Bucle AB de EGFR LEE2

<400> 524

Arg Asp Glu Leu Glu Glu Gly Pro
1 5

<210> 525

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> Bucle CD de EGFR LEE2 (WT)

<400> 525

Ser Asn Gly Gln Pro Glu Asn Asn Tyr
1 5

<210> 526

<211> 664

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-2 x LEE3 (LAGA)

<400> 526

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

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

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

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

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

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

Val Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala
100 105 110

Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
115 120 125

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

Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser
145 150 155 160

Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
165 170 175

Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val
180 185 190

Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys
195 200 205

Ser Phe Asn Arg Gly Glu Cys Glu Val Gln Leu Gln Gln Ser Gly Pro
210 215 220

Gly Leu Val Lys Pro Ser Gln Thr Leu Ser Leu Thr Cys Ala Ile Ser
225 230 235 240

Gly Asp Ser Val Ser Ser Lys Ser Ala Ala Trp Asn Trp Ile Arg Gln
245 250 255

Ser Pro Ser Arg Gly Leu Glu Trp Leu Gly Arg Thr Tyr Tyr Arg Ser
260 265 270

Lys Trp Ser Thr Asp Tyr Ala Ala Ser Val Lys Ser Arg Ile Thr Ile
275 280 285

Asn Pro Asp Thr Ser Lys Asn Gln Leu Ser Leu Gln Leu Asn Ser Val

290

295

300

Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Trp Val Gly
 305 310 315 320

Tyr Val Asp Arg Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala
 325 330 335

Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser
 340 345 350

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

Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly
 370 375 380

Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu
 385 390 395 400

Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr
 405 410 415

Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys
 420 425 430

Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro
 435 440 445

Ala Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro Lys
 450 455 460

Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
 465 470 475 480

Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
 485 490 495

Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
 500 505 510

Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
515 520 525

Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
530 535 540

Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln
545 550 555 560

Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu
565 570 575

Glu Glu Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro
580 585 590

Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn Asn
595 600 605

Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu
610 615 620

Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Gln Gln Gly Asn Val
625 630 635 640

Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln
645 650 655

Lys Ser Leu Ser Leu Ser Pro Gly
660

<210> 527

<211> 664

<212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-2 x LEE3 (wt)

<400> 527

Asp Ile Gln Met Thr Gln Ser Pro Pro Ala Leu Ser Ala Ser Val Gly

1		5		10		15	
Asp	Arg	Val	Thr	Ile	Thr	Cys	Arg
		20				25	
							Asn
							30
Leu	Ala	Trp	Tyr	Gln	His	Lys	Pro
	35					40	
							Lys
							45
Tyr	Asp	Ala	Ser	Ser	Leu	Glu	Ser
	50					55	
							Gly
							60
Ser	Gly	Ser	Gly	Thr	Glu	Phe	Thr
65					70		
							Ile
							75
							Ser
							Ser
							Leu
							Gln
							80
Asp	Asp	Phe	Ala	Thr	Tyr	Tyr	Cys
				85			
							Gln
							90
							Lys
							Tyr
							Ser
							Ala
							95
Val	Thr	Phe	Gly	Gln	Gly	Thr	Arg
			100				
							Leu
							105
							Glu
							Ile
							Lys
							Arg
							Thr
							110
Ala	Pro	Ser	Val	Phe	Ile	Phe	Pro
		115					120
							Pro
							Ser
							Asp
							Glu
							Gln
							125
Gly	Thr	Ala	Ser	Val	Val	Cys	Leu
	130					135	
							Leu
							Asn
							Asn
							Phe
							140
							Tyr
							Pro
							Arg
							Glu
Ala	Lys	Val	Gln	Trp	Lys	Val	Asp
145					150		
							Asn
							Ala
							Leu
							Gln
							Ser
							Gly
							Asn
							160
Gln	Glu	Ser	Val	Thr	Glu	Gln	Asp
				165			
							Ser
							Lys
							Asp
							Ser
							Thr
							Tyr
							Ser
							175
Ser	Ser	Thr	Leu	Thr	Leu	Ser	Lys
			180				
							Ala
							185
							Asp
							Tyr
							Glu
							Lys
							His
							190
Tyr	Ala	Cys	Glu	Val	Thr	His	Gln
		195					200
							Gly
							Leu
							Ser
							Ser
							Pro
							205
							Val
							Thr
							Lys
Ser	Phe	Asn	Arg	Gly	Glu	Cys	Glu
	210					215	
							Val
							Gln
							Leu
							Gln
							Gln
							Ser
							Gly
							Pro
							220

Gly Leu Val Lys Pro Ser Gln Thr Leu Ser Leu Thr Cys Ala Ile Ser
225 230 235 240

Gly Asp Ser Val Ser Ser Lys Ser Ala Ala Trp Asn Trp Ile Arg Gln
245 250 255

Ser Pro Ser Arg Gly Leu Glu Trp Leu Gly Arg Thr Tyr Tyr Arg Ser
260 265 270

Lys Trp Ser Thr Asp Tyr Ala Ala Ser Val Lys Ser Arg Ile Thr Ile
275 280 285

Asn Pro Asp Thr Ser Lys Asn Gln Leu Ser Leu Gln Leu Asn Ser Val
290 295 300

Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Trp Val Gly
305 310 315 320

Tyr Val Asp Arg Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala
325 330 335

Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser
340 345 350

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

Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly
370 375 380

Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu
385 390 395 400

Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr
405 410 415

Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys
420 425 430

Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro

435

440

445

Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys
 450 455 460

Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
 465 470 475 480

Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
 485 490 495

Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
 500 505 510

Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
 515 520 525

Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
 530 535 540

Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln
 545 550 555 560

Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu
 565 570 575

Glu Glu Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro
 580 585 590

Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn Asn
 595 600 605

Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu
 610 615 620

Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Gln Gln Gly Asn Val
 625 630 635 640

Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln
 645 650 655

Lys Ser Leu Ser Leu Ser Pro Gly
660

<210> 528
<211> 449
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-2 HC EGFR LEE3 (LAGA)

<400> 528

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Arg Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val
115 120 125

Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala
130 135 140

Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser

145		150		155		160									
Trp	Asn	Ser	Gly	Ala	Leu	Thr	Ser	Gly	Val	His	Thr	Phe	Pro	Ala	Val
			165					170						175	
Leu	Gln	Ser	Ser	Gly	Leu	Tyr	Ser	Leu	Ser	Ser	Val	Val	Thr	Val	Pro
		180					185						190		
Ser	Ser	Ser	Leu	Gly	Thr	Gln	Thr	Tyr	Ile	Cys	Asn	Val	Asn	His	Lys
		195					200					205			
Pro	Ser	Asn	Thr	Lys	Val	Asp	Lys	Lys	Val	Glu	Pro	Lys	Ser	Cys	Asp
	210					215					220				
Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	Pro	Ala	Pro	Glu	Leu	Ala	Gly	Ala
225					230					235					240
Pro	Ser	Val	Phe	Leu	Phe	Pro	Pro	Lys	Pro	Lys	Asp	Thr	Leu	Met	Ile
			245					250						255	
Ser	Arg	Thr	Pro	Glu	Val	Thr	Cys	Val	Val	Val	Asp	Val	Ser	His	Glu
		260						265					270		
Asp	Pro	Glu	Val	Lys	Phe	Asn	Trp	Tyr	Val	Asp	Gly	Val	Glu	Val	His
	275						280					285			
Asn	Ala	Lys	Thr	Lys	Pro	Arg	Glu	Glu	Gln	Tyr	Asn	Ser	Thr	Tyr	Arg
	290					295					300				
Val	Val	Ser	Val	Leu	Thr	Val	Leu	His	Gln	Asp	Trp	Leu	Asn	Gly	Lys
305				310					315					320	
Glu	Tyr	Lys	Cys	Lys	Val	Ser	Asn	Lys	Ala	Leu	Pro	Ala	Pro	Ile	Glu
			325						330					335	
Lys	Thr	Ile	Ser	Lys	Ala	Lys	Gly	Gln	Pro	Arg	Glu	Pro	Gln	Val	Tyr
		340					345						350		
Thr	Leu	Pro	Pro	Ser	Arg	Asp	Glu	Leu	Glu	Glu	Gly	Pro	Val	Ser	Leu
		355					360					365			

Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp
370 375 380

Glu Ser Thr Tyr Gly Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val
385 390 395 400

Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Ser
405 410 415

Tyr Trp Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His
420 425 430

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

Gly

<210> 529
<211> 449
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-2 HC EGFR LEE3 (wt)

<400> 529

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn

65					70					75					80
Gln	Leu	Ser	Leu	Gln	Leu	Asn	Ser	Val	Thr	Pro	Glu	Asp	Thr	Ala	Val
				85					90					95	
Tyr	Tyr	Cys	Ala	Arg	Thr	Trp	Val	Gly	Tyr	Val	Asp	Arg	Trp	Gly	Gln
			100					105					110		
Gly	Thr	Leu	Val	Thr	Val	Ser	Ser	Ala	Ser	Thr	Lys	Gly	Pro	Ser	Val
		115					120					125			
Phe	Pro	Leu	Ala	Pro	Ser	Ser	Lys	Ser	Thr	Ser	Gly	Gly	Thr	Ala	Ala
	130					135					140				
Leu	Gly	Cys	Leu	Val	Lys	Asp	Tyr	Phe	Pro	Glu	Pro	Val	Thr	Val	Ser
145					150					155					160
Trp	Asn	Ser	Gly	Ala	Leu	Thr	Ser	Gly	Val	His	Thr	Phe	Pro	Ala	Val
				165					170					175	
Leu	Gln	Ser	Ser	Gly	Leu	Tyr	Ser	Leu	Ser	Ser	Val	Val	Thr	Val	Pro
			180					185					190		
Ser	Ser	Ser	Leu	Gly	Thr	Gln	Thr	Tyr	Ile	Cys	Asn	Val	Asn	His	Lys
		195					200					205			
Pro	Ser	Asn	Thr	Lys	Val	Asp	Lys	Lys	Val	Glu	Pro	Lys	Ser	Cys	Asp
	210					215					220				
Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	Pro	Ala	Pro	Glu	Leu	Leu	Gly	Gly
225					230					235				240	
Pro	Ser	Val	Phe	Leu	Phe	Pro	Pro	Lys	Pro	Lys	Asp	Thr	Leu	Met	Ile
			245						250					255	
Ser	Arg	Thr	Pro	Glu	Val	Thr	Cys	Val	Val	Val	Asp	Val	Ser	His	Glu
			260					265					270		
Asp	Pro	Glu	Val	Lys	Phe	Asn	Trp	Tyr	Val	Asp	Gly	Val	Glu	Val	His
	275						280					285			

Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg
290 295 300

Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys
305 310 315 320

Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu
325 330 335

Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
340 345 350

Thr Leu Pro Pro Ser Arg Asp Glu Leu Glu Glu Gly Pro Val Ser Leu
355 360 365

Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp
370 375 380

Glu Ser Thr Tyr Gly Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val
385 390 395 400

Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Ser
405 410 415

Tyr Trp Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His
420 425 430

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

Gly

<210> 530
<211> 329
<212> PRT
<213> Homo sapiens

<220>

<223> Módulo de fijación a EGFR LEE3 CH1-CH2-CH3 (LAGA)

<400> 530

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

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
35 40 45

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

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
100 105 110

Pro Ala Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro
115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
165 170 175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
225 230 235 240

Leu Glu Glu Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
245 250 255

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn
260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
275 280 285

Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Gln Gln Gly Asn
290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly
325

<210> 531
<211> 329
<212> PRT
<213> Homo sapiens

<220>

<223> Módulo de fijación a EGFR LEE3 CH1-CH2-CH3 (wt)

<400> 531

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

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser

35

40

45

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

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
100 105 110

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
165 170 175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
225 230 235 240

Leu Glu Glu Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
245 250 255

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn
260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
275 280 285

Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Gln Gln Gly Asn
290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly
325

<210> 532
<211> 106
<212> PRT
<213> Homo sapiens

<220>

<223> Módulo de fijación CH3 a EGFR LEE3

<400> 532

Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp
1 5 10 15

Glu Leu Glu Glu Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe
20 25 30

Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu
35 40 45

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

Phe Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Gln Gln Gly
65 70 75 80

Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr

85

90

95

Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly
100 105

<210> 533
<211> 3
<212> PRT
<213> Homo sapiens

<220>

<223> Sustituciones EF de EGFR LEE3

<400> 533

Ser Tyr Trp
1

<210> 534
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> Bucle EF de EGFR LEE3

<400> 534

Ser Tyr Trp Arg Trp Gln Gln Gly Asn Val
1 5 10

<210> 535
<211> 665
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-2 x FS1-65 (LAGA)

<400> 535

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

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

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

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

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

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

Val Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala
100 105 110

Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
115 120 125

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

Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser
145 150 155 160

Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
165 170 175

Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val
180 185 190

Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys
195 200 205

Ser Phe Asn Arg Gly Glu Cys Glu Val Gln Leu Gln Gln Ser Gly Pro
210 215 220

Gly Leu Val Lys Pro Ser Gln Thr Leu Ser Leu Thr Cys Ala Ile Ser

225		230		235		240									
Gly	Asp	Ser	Val	Ser	Ser	Lys	Ser	Ala	Ala	Trp	Asn	Trp	Ile	Arg	Gln
				245					250					255	
Ser	Pro	Ser	Arg	Gly	Leu	Glu	Trp	Leu	Gly	Arg	Thr	Tyr	Tyr	Arg	Ser
			260					265					270		
Lys	Trp	Ser	Thr	Asp	Tyr	Ala	Ala	Ser	Val	Lys	Ser	Arg	Ile	Thr	Ile
		275					280					285			
Asn	Pro	Asp	Thr	Ser	Lys	Asn	Gln	Leu	Ser	Leu	Gln	Leu	Asn	Ser	Val
	290					295					300				
Thr	Pro	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	Ala	Arg	Thr	Trp	Val	Gly
305					310					315					320
Tyr	Val	Asp	Arg	Trp	Gly	Gln	Gly	Thr	Leu	Val	Thr	Val	Ser	Ser	Ala
				325					330					335	
Ser	Thr	Lys	Gly	Pro	Ser	Val	Phe	Pro	Leu	Ala	Pro	Ser	Ser	Lys	Ser
			340					345					350		
Thr	Ser	Gly	Gly	Thr	Ala	Ala	Leu	Gly	Cys	Leu	Val	Lys	Asp	Tyr	Phe
		355					360					365			
Pro	Glu	Pro	Val	Thr	Val	Ser	Trp	Asn	Ser	Gly	Ala	Leu	Thr	Ser	Gly
	370					375					380				
Val	His	Thr	Phe	Pro	Ala	Val	Leu	Gln	Ser	Ser	Gly	Leu	Tyr	Ser	Leu
385					390					395					400
Ser	Ser	Val	Val	Thr	Val	Pro	Ser	Ser	Ser	Leu	Gly	Thr	Gln	Thr	Tyr
				405					410					415	
Ile	Cys	Asn	Val	Asn	His	Lys	Pro	Ser	Asn	Thr	Lys	Val	Asp	Lys	Lys
			420					425					430		
Val	Glu	Pro	Lys	Ser	Cys	Asp	Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	Pro
		435					440					445			

Ala Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro Lys
450 455 460

Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
465 470 475 480

Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
485 490 495

Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
500 505 510

Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
515 520 525

Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
530 535 540

Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln
545 550 555 560

Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu
565 570 575

Asp Glu Gly Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
580 585 590

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn
595 600 605

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
610 615 620

Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Val Lys Gly Asn
625 630 635 640

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
645 650 655

Gln Lys Ser Leu Ser Leu Ser Pro Gly

660

665

<210> 536
 <211> 665
 <212> PRT
 <213> Homo sapiens

<220>

<223> ADT1-4-2 x FS1-65 (wt)

<400> 536

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

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

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

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

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

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

Val Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala
 100 105 110

Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
 115 120 125

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

Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser
 145 150 155 160

Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
165 170 175

Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val
180 185 190

Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys
195 200 205

Ser Phe Asn Arg Gly Glu Cys Glu Val Gln Leu Gln Gln Ser Gly Pro
210 215 220

Gly Leu Val Lys Pro Ser Gln Thr Leu Ser Leu Thr Cys Ala Ile Ser
225 230 235 240

Gly Asp Ser Val Ser Ser Lys Ser Ala Ala Trp Asn Trp Ile Arg Gln
245 250 255

Ser Pro Ser Arg Gly Leu Glu Trp Leu Gly Arg Thr Tyr Tyr Arg Ser
260 265 270

Lys Trp Ser Thr Asp Tyr Ala Ala Ser Val Lys Ser Arg Ile Thr Ile
275 280 285

Asn Pro Asp Thr Ser Lys Asn Gln Leu Ser Leu Gln Leu Asn Ser Val
290 295 300

Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Trp Val Gly
305 310 315 320

Tyr Val Asp Arg Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala
325 330 335

Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser
340 345 350

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

Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly

370

375

380

Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu
 385 390 395 400

Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr
 405 410 415

Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys
 420 425 430

Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro
 435 440 445

Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys
 450 455 460

Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
 465 470 475 480

Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
 485 490 495

Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
 500 505 510

Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
 515 520 525

Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
 530 535 540

Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln
 545 550 555 560

Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu
 565 570 575

Asp Glu Gly Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
 580 585 590

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu Asn
595 600 605

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
610 615 620

Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Val Lys Gly Asn
625 630 635 640

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
645 650 655

Gln Lys Ser Leu Ser Leu Ser Pro Gly
660 665

<210> 537
<211> 450
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-2 HC EGFR FS1-65 (LAGA)

<400> 537

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val

85

90

95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Arg Trp Gly Gln
 100 105 110

Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val
 115 120 125

Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala
 130 135 140

Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser
 145 150 155 160

Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val
 165 170 175

Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro
 180 185 190

Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys
 195 200 205

Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp
 210 215 220

Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Ala Gly Ala
 225 230 235 240

Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile
 245 250 255

Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu
 260 265 270

Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His
 275 280 285

Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg
 290 295 300

Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys
305 310 315 320

Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu
325 330 335

Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
340 345 350

Thr Leu Pro Pro Ser Arg Asp Glu Leu Asp Glu Gly Gly Pro Val Ser
355 360 365

Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu
370 375 380

Trp Glu Ser Thr Tyr Gly Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro
385 390 395 400

Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val
405 410 415

Ser Tyr Trp Arg Trp Val Lys Gly Asn Val Phe Ser Cys Ser Val Met
420 425 430

His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser
435 440 445

Pro Gly
450

<210> 538
<211> 330
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-2 HC EGFR FS1-65 (wt)

<400> 538

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys

1		5		10		15										
Ser	Thr	Ser	Gly	Gly	Thr	Ala	Ala	Leu	Gly	Cys	Leu	Val	Lys	Asp	Tyr	
			20					25					30			
Phe	Pro	Glu	Pro	Val	Thr	Val	Ser	Trp	Asn	Ser	Gly	Ala	Leu	Thr	Ser	
		35					40					45				
Gly	Val	His	Thr	Phe	Pro	Ala	Val	Leu	Gln	Ser	Ser	Gly	Leu	Tyr	Ser	
	50					55					60					
Leu	Ser	Ser	Val	Val	Thr	Val	Pro	Ser	Ser	Ser	Leu	Gly	Thr	Gln	Thr	
65					70				75						80	
Tyr	Ile	Cys	Asn	Val	Asn	His	Lys	Pro	Ser	Asn	Thr	Lys	Val	Asp	Lys	
			85						90					95		
Lys	Val	Glu	Pro	Lys	Ser	Cys	Asp	Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	
			100					105					110			
Pro	Ala	Pro	Glu	Leu	Leu	Gly	Gly	Pro	Ser	Val	Phe	Leu	Phe	Pro	Pro	
		115					120					125				
Lys	Pro	Lys	Asp	Thr	Leu	Met	Ile	Ser	Arg	Thr	Pro	Glu	Val	Thr	Cys	
	130					135					140					
Val	Val	Val	Asp	Val	Ser	His	Glu	Asp	Pro	Glu	Val	Lys	Phe	Asn	Trp	
145					150					155					160	
Tyr	Val	Asp	Gly	Val	Glu	Val	His	Asn	Ala	Lys	Thr	Lys	Pro	Arg	Glu	
			165						170					175		
Glu	Gln	Tyr	Asn	Ser	Thr	Tyr	Arg	Val	Val	Ser	Val	Leu	Thr	Val	Leu	
			180					185					190			
His	Gln	Asp	Trp	Leu	Asn	Gly	Lys	Glu	Tyr	Lys	Cys	Lys	Val	Ser	Asn	
		195					200					205				
Lys	Ala	Leu	Pro	Ala	Pro	Ile	Glu	Lys	Thr	Ile	Ser	Lys	Ala	Lys	Gly	
	210					215					220					

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
225 230 235 240

Leu Asp Glu Gly Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe
245 250 255

Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu
260 265 270

Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe
275 280 285

Phe Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Val Lys Gly
290 295 300

Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr
305 310 315 320

Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly
325 330

<210> 539
<211> 330
<212> PRT
<213> Homo sapiens

<220>

<223> Módulo de fijación a EGFR FS1-65 CH1-CH2-CH3 (LAGA)

<400> 539

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

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
35 40 45

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser

50

55

60

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
100 105 110

Pro Ala Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro
115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
165 170 175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
225 230 235 240

Leu Asp Glu Gly Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe
245 250 255

Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu
260 265 270

Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe
275 280 285

Phe Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Val Lys Gly
290 295 300

Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr
305 310 315 320

Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly
325 330

<210> 540
<211> 450
<212> PRT
<213> Homo sapiens

<220>

<223> Módulo de fijación a EGFR FS1-65 CH1-CH2-CH3 (wt)

<400> 540

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Arg Trp Gly Gln

	100		105		110														
Gly	Thr	Leu	Val	Thr	Val	Ser	Ser	Ala	Ser	Thr	Lys	Gly	Pro	Ser	Val				
		115					120					125							
Phe	Pro	Leu	Ala	Pro	Ser	Ser	Lys	Ser	Thr	Ser	Gly	Gly	Thr	Ala	Ala				
	130					135					140								
Leu	Gly	Cys	Leu	Val	Lys	Asp	Tyr	Phe	Pro	Glu	Pro	Val	Thr	Val	Ser				
145					150					155					160				
Trp	Asn	Ser	Gly	Ala	Leu	Thr	Ser	Gly	Val	His	Thr	Phe	Pro	Ala	Val				
				165					170					175					
Leu	Gln	Ser	Ser	Gly	Leu	Tyr	Ser	Leu	Ser	Ser	Val	Val	Thr	Val	Pro				
			180					185					190						
Ser	Ser	Ser	Leu	Gly	Thr	Gln	Thr	Tyr	Ile	Cys	Asn	Val	Asn	His	Lys				
		195					200					205							
Pro	Ser	Asn	Thr	Lys	Val	Asp	Lys	Lys	Val	Glu	Pro	Lys	Ser	Cys	Asp				
	210					215					220								
Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	Pro	Ala	Pro	Glu	Leu	Leu	Gly	Gly				
225					230					235					240				
Pro	Ser	Val	Phe	Leu	Phe	Pro	Pro	Lys	Pro	Lys	Asp	Thr	Leu	Met	Ile				
				245					250					255					
Ser	Arg	Thr	Pro	Glu	Val	Thr	Cys	Val	Val	Val	Asp	Val	Ser	His	Glu				
			260					265					270						
Asp	Pro	Glu	Val	Lys	Phe	Asn	Trp	Tyr	Val	Asp	Gly	Val	Glu	Val	His				
		275					280					285							
Asn	Ala	Lys	Thr	Lys	Pro	Arg	Glu	Glu	Gln	Tyr	Asn	Ser	Thr	Tyr	Arg				
	290					295					300								
Val	Val	Ser	Val	Leu	Thr	Val	Leu	His	Gln	Asp	Trp	Leu	Asn	Gly	Lys				
305					310					315					320				

Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu
325 330 335

Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
340 345 350

Thr Leu Pro Pro Ser Arg Asp Glu Leu Asp Glu Gly Gly Pro Val Ser
355 360 365

Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu
370 375 380

Trp Glu Ser Thr Tyr Gly Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro
385 390 395 400

Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val
405 410 415

Ser Tyr Trp Arg Trp Val Lys Gly Asn Val Phe Ser Cys Ser Val Met
420 425 430

His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser
435 440 445

Pro Gly
450

<210> 541
<211> 107
<212> PRT
<213> Homo sapiens

<220>

<223> Módulo de fijación CH3 a EGFR FS1-65

<400> 541

Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp
1 5 10 15

Glu Leu Asp Glu Gly Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly

20

25

30

Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro
 35 40 45

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

Phe Phe Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Val Lys
 65 70 75 80

Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His
 85 90 95

Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly
 100 105

<210> 542
 <211> 6
 <212> PRT
 <213> Homo sapiens

<220>

<223> Sustituciones AB de EGFR FS1-65

<400> 542

Leu Asp Glu Gly Gly Pro
 1 5

<210> 543
 <211> 7
 <212> PRT
 <213> Homo sapiens

<220>

<223> Sustituciones EF de EGFR FS1-65

<400> 543

Ser Tyr Trp Arg Trp Val Lys
 1 5

<210> 544
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> Bucle AB de EGFR FS1-65

<400> 544

Arg Asp Glu Leu Asp Glu Gly Gly Pro
1 5

<210> 545
<211> 10
<212> PRT
<213> Homo sapiens

<220>

<223> Bucle EF de EGFR FS1-65

<400> 545

Ser Tyr Trp Arg Trp Val Lys Gly Asn Val
1 5 10

<210> 546
<211> 664
<212> PRT
<213> Homo sapiens

<220>

<223> ADT1-4-2 x 747 (LAGA)

<400> 546

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

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

Leu Ala Trp Tyr Gln His Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile

35

40

45

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

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

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

Val Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala
 100 105 110

Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
 115 120 125

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

Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser
 145 150 155 160

Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
 165 170 175

Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val
 180 185 190

Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys
 195 200 205

Ser Phe Asn Arg Gly Glu Cys Glu Val Gln Leu Gln Gln Ser Gly Pro
 210 215 220

Gly Leu Val Lys Pro Ser Gln Thr Leu Ser Leu Thr Cys Ala Ile Ser
 225 230 235 240

Gly Asp Ser Val Ser Ser Lys Ser Ala Ala Trp Asn Trp Ile Arg Gln
 245 250 255

Ser Pro Ser Arg Gly Leu Glu Trp Leu Gly Arg Thr Tyr Tyr Arg Ser
260 265 270

Lys Trp Ser Thr Asp Tyr Ala Ala Ser Val Lys Ser Arg Ile Thr Ile
275 280 285

Asn Pro Asp Thr Ser Lys Asn Gln Leu Ser Leu Gln Leu Asn Ser Val
290 295 300

Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Trp Val Gly
305 310 315 320

Tyr Val Asp Arg Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala
325 330 335

Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser
340 345 350

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

Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly
370 375 380

Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu
385 390 395 400

Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr
405 410 415

Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys
420 425 430

Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro
435 440 445

Ala Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro Lys
450 455 460

Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val

465		470		475		480
Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr						
		485		490		495
Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu						
		500		505		510
Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His						
		515		520		525
Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys						
		530		535		540
Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln						
		545		550		555
Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Thr						
		565		570		575
Glu Ser Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro						
		580		585		590
Ser Asp Ile Val Val Glu Trp Glu Ser Lys Phe Gly Pro Glu Asn Asn						
		595		600		605
Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu						
		610		615		620
Tyr Ser Lys Leu Thr Val Ser Asn Leu Arg Trp Thr Lys Gly His Val						
		625		630		635
Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln						
		645		650		655
Lys Ser Leu Ser Leu Ser Pro Gly						
		660				

<210> 547
 <211> 664
 <212> PRT

<213> Homo sapiens

<220>

<223> ADT1-4-2 x 747 (wt)

<400> 547

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

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

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

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

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

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

Val Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala
100 105 110

Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
115 120 125

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

Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser
145 150 155 160

Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
165 170 175

Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val

180

185

190

Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys
 195 200 205

Ser Phe Asn Arg Gly Glu Cys Glu Val Gln Leu Gln Gln Ser Gly Pro
 210 215 220

Gly Leu Val Lys Pro Ser Gln Thr Leu Ser Leu Thr Cys Ala Ile Ser
 225 230 235 240

Gly Asp Ser Val Ser Ser Lys Ser Ala Ala Trp Asn Trp Ile Arg Gln
 245 250 255

Ser Pro Ser Arg Gly Leu Glu Trp Leu Gly Arg Thr Tyr Tyr Arg Ser
 260 265 270

Lys Trp Ser Thr Asp Tyr Ala Ala Ser Val Lys Ser Arg Ile Thr Ile
 275 280 285

Asn Pro Asp Thr Ser Lys Asn Gln Leu Ser Leu Gln Leu Asn Ser Val
 290 295 300

Thr Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg Thr Trp Val Gly
 305 310 315 320

Tyr Val Asp Arg Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala
 325 330 335

Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser
 340 345 350

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

Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly
 370 375 380

Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu
 385 390 395 400

Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr
405 410 415

Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys
420 425 430

Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro
435 440 445

Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys
450 455 460

Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
465 470 475 480

Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
485 490 495

Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
500 505 510

Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
515 520 525

Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
530 535 540

Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln
545 550 555 560

Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Thr
565 570 575

Glu Ser Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro
580 585 590

Ser Asp Ile Val Val Glu Trp Glu Ser Lys Phe Gly Pro Glu Asn Asn
595 600 605

Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu

610

615

620

Tyr Ser Lys Leu Thr Val Ser Asn Leu Arg Trp Thr Lys Gly His Val
 625 630 635 640

Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln
 645 650 655

Lys Ser Leu Ser Leu Ser Pro Gly
 660

<210> 548
 <211> 449
 <212> PRT
 <213> Homo sapiens

<220>

<223> ADT1-4-2 HC EGFR 747 (LAGA)

<400> 548

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
 50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
 65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
 85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Arg Trp Gly Gln
 100 105 110

Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val
115 120 125

Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala
130 135 140

Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser
145 150 155 160

Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val
165 170 175

Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro
180 185 190

Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys
195 200 205

Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp
210 215 220

Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Ala Gly Ala
225 230 235 240

Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile
245 250 255

Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu
260 265 270

Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His
275 280 285

Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg
290 295 300

Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys
305 310 315 320

Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu

325

330

335

Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
 340 345 350

Thr Leu Pro Pro Ser Arg Asp Glu Thr Glu Ser Gly Pro Val Ser Leu
 355 360 365

Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Val Val Glu Trp
 370 375 380

Glu Ser Lys Phe Gly Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val
 385 390 395 400

Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Ser
 405 410 415

Asn Leu Arg Trp Thr Lys Gly His Val Phe Ser Cys Ser Val Met His
 420 425 430

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

Gly

<210> 549
 <211> 449
 <212> PRT
 <213> Homo sapiens

<220>

<223> ADT1-4-2 HC EGFR 747 (wt)

<400> 549

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

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

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

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Ser Thr Asp Tyr Ala
50 55 60

Ala Ser Val Lys Ser Arg Ile Thr Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Leu Ser Leu Gln Leu Asn Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Thr Trp Val Gly Tyr Val Asp Arg Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val
115 120 125

Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala
130 135 140

Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser
145 150 155 160

Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val
165 170 175

Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro
180 185 190

Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys
195 200 205

Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp
210 215 220

Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly
225 230 235 240

Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile

245

250

255

Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu
 260 265 270

Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His
 275 280 285

Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg
 290 295 300

Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys
 305 310 315 320

Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu
 325 330 335

Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
 340 345 350

Thr Leu Pro Pro Ser Arg Asp Glu Thr Glu Ser Gly Pro Val Ser Leu
 355 360 365

Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Val Val Glu Trp
 370 375 380

Glu Ser Lys Phe Gly Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val
 385 390 395 400

Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Ser
 405 410 415

Asn Leu Arg Trp Thr Lys Gly His Val Phe Ser Cys Ser Val Met His
 420 425 430

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

Gly

<210> 550
<211> 329
<212> PRT
<213> Homo sapiens

<220>

<223> Módulo de fijación a EGFR 747 CH1-CH2-CH3 (LAGA)

<400> 550

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

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
35 40 45

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

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
100 105 110

Pro Ala Pro Glu Leu Ala Gly Ala Pro Ser Val Phe Leu Phe Pro Pro
115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu

165

170

175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
 180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
 195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
 210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
 225 230 235 240

Thr Glu Ser Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
 245 250 255

Pro Ser Asp Ile Val Val Glu Trp Glu Ser Lys Phe Gly Pro Glu Asn
 260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
 275 280 285

Leu Tyr Ser Lys Leu Thr Val Ser Asn Leu Arg Trp Thr Lys Gly His
 290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
 305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly
 325

<210> 551
 <211> 329
 <212> PRT
 <213> Homo sapiens

<220>

<223> Módulo de fijación a EGFR 747 CH1-CH2-CH3 (wt)

<400> 551

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

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
35 40 45

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

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
100 105 110

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
165 170 175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly

210

215

220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu
225 230 235 240

Thr Glu Ser Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
245 250 255

Pro Ser Asp Ile Val Val Glu Trp Glu Ser Lys Phe Gly Pro Glu Asn
260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
275 280 285

Leu Tyr Ser Lys Leu Thr Val Ser Asn Leu Arg Trp Thr Lys Gly His
290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly
325

<210> 552

<211> 106

<212> PRT

<213> Homo sapiens

<220>

<223> Módulo de fijación CH3 a 747

<400> 552

Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp
1 5 10 15

Glu Thr Glu Ser Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe
20 25 30

Tyr Pro Ser Asp Ile Val Val Glu Trp Glu Ser Lys Phe Gly Pro Glu
35 40 45

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

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

His Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr
85 90 95

Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly
100 105

<210> 553
<211> 5
<212> PRT
<213> Homo sapiens

<220>

<223> Sustituciones AB de EGFR 747

<400> 553

Thr Glu Ser Gly Pro
1 5

<210> 554
<211> 3
<212> PRT
<213> Homo sapiens

<220>

<223> Sustituciones CD de EGFR 747

<400> 554

Lys Phe Gly
1

<210> 555
<211> 9
<212> PRT
<213> Homo sapiens

<220>

<223> Sustituciones EF de EGFR 747

<400> 555

Ser Asn Leu Arg Trp Thr Lys Gly His
1 5

<210> 556

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> Bucle AB de EGFR 747

<400> 556

Arg Asp Glu Thr Glu Ser Gly Pro
1 5

<210> 557

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> Bucle CD de EGFR 747

<400> 557

Ser Lys Phe Gly Pro Glu Asn Asn Tyr
1 5

<210> 558

<211> 10

<212> PRT

<213> Homo sapiens

<220>

<223> Bucle EF de EGFR 747

<400> 558

Ser Asn Leu Arg Trp Thr Lys Gly His Val
1 5 10

<210> 559
<211> 106
<212> PRT
<213> Homo sapiens

<220>

<223> Módulo de fijación CH3 a EGFR FS1-67

<400> 559

Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp
1 5 10 15

Glu Thr Asp Asp Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe
20 25 30

Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu
35 40 45

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

Phe Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly
65 70 75 80

Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr
85 90 95

Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly
100 105

<210> 560
<211> 5
<212> PRT
<213> Homo sapiens

<220>

<223> Sustituciones AB de EGFR FS1-67

<400> 560

Thr Asp Asp Gly Pro
1 5

<210> 561

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> Bucle AB de EGFR FS1-67

<400> 561

Arg Asp Glu Thr Asp Asp Gly Pro
1 5

<210> 562

<211> 106

<212> PRT

<213> Homo sapiens

<220>

<223> Módulo de fijación CH3 a EGFR LEE

<400> 562

Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp
1 5 10 15

Glu Leu Glu Glu Gly Pro Val Ser Leu Thr Cys Leu Val Lys Gly Phe
20 25 30

Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Thr Tyr Gly Pro Glu
35 40 45

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

Phe Leu Tyr Ser Lys Leu Thr Val Ser Tyr Trp Arg Trp Tyr Lys Gly
65 70 75 80

Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr
85 90 95

Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly
100 105

<210> 563
<211> 106
<212> PRT
<213> Homo sapiens

<220>

<223> IgG1 wt CH3

<400> 563

Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp
1 5 10 15

Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe
20 25 30

Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu
35 40 45

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

Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly
65 70 75 80

Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr
85 90 95

Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly
100 105