

7 - Listado de secuencias traducido  
LISTADO DE SECUENCIAS

<110> Stemcentrx, Inc.  
 <120> Nuevos Anticuerpos Anti-MFI2 y Métodos de Uso  
 <130> S69697 1230WO / sc5701.pct  
 <150> US 62/046,610  
 <151> 2014-09-05  
 <150> US 62/203,836  
 <151> 2015-08-11  
 <160> 137  
 <170> PatentIn version 3.5  
 <210> 1  
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 <212> PRT  
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 <223> Proteína de la región constante de cadena liviana Kapa  
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 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  
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<211> 329
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<213> Homo sapiens

<220>
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<223> Proteína de la región constante de la cadena pesada (hc) de IgG1

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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

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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  
325

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Val Leu Gly Gly Met Glu Val Arg Trp Cys Ala Thr Ser Asp Pro Glu  
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Gln His Lys Cys Gly Asn Met Ser Glu Ala Phe Arg Glu Ala Gly Ile  
35 40 45

Gln Pro Ser Leu Leu Cys Val Arg Gly Thr Ser Ala Asp His Cys Val  
50 55 60

Gln Leu Ile Ala Ala Gln Glu Ala Asp Ala Ile Thr Leu Asp Gly Gly  
65 70 75 80

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Ala Ile Tyr Glu Ala Gly Lys Glu His Gly Leu Lys Pro Val Val Gly  
85 90 95

Glu Val Tyr Asp Gln Glu Val Gly Thr Ser Tyr Tyr Ala Val Ala Val  
100 105 110

Val Arg Arg Ser Ser His Val Thr Ile Asp Thr Leu Lys Gly Val Lys  
115 120 125

Ser Cys His Thr Gly Ile Asn Arg Thr Val Gly Trp Asn Val Pro Val  
130 135 140

Gly Tyr Leu Val Glu Ser Gly Arg Leu Ser Val Met Gly Cys Asp Val  
145 150 155 160

Leu Lys Ala Val Ser Asp Tyr Phe Gly Gly Ser Cys Val Pro Gly Ala  
165 170 175

Gly Glu Thr Ser Tyr Ser Glu Ser Leu Cys Arg Leu Cys Arg Gly Asp  
180 185 190

Ser Ser Gly Glu Gly Val Cys Asp Lys Ser Pro Leu Glu Arg Tyr Tyr  
195 200 205

Asp Tyr Ser Gly Ala Phe Arg Cys Leu Ala Glu Gly Ala Gly Asp Val  
210 215 220

Ala Phe Val Lys His Ser Thr Val Leu Glu Asn Thr Asp Gly Lys Thr  
225 230 235 240

Leu Pro Ser Trp Gly Gln Ala Leu Leu Ser Gln Asp Phe Glu Leu Leu  
245 250 255

Cys Arg Asp Gly Ser Arg Ala Asp Val Thr Glu Trp Arg Gln Cys His  
260 265 270

Leu Ala Arg Val Pro Ala His Ala Val Val Val Arg Ala Asp Thr Asp  
275 280 285

Gly Gly Leu Ile Phe Arg Leu Leu Asn Glu Gly Gln Arg Leu Phe Ser  
290 295 300

His Glu Gly Ser Ser Phe Gln Met Phe Ser Ser Glu Ala Tyr Gly Gln  
305 310 315 320

Lys Asp Leu Leu Phe Lys Asp Ser Thr Ser Glu Leu Val Pro Ile Ala  
325 330 335

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Thr Gln Thr Tyr Glu Ala Trp Leu Gly His Glu Tyr Leu His Ala Met  
 340 345 350  
 Lys Gly Leu Leu Cys Asp Pro Asn Arg Leu Pro Pro Tyr Leu Arg Trp  
 355 360 365  
 Cys Val Leu Ser Thr Pro Glu Ile Gln Lys Cys Gly Asp Met Ala Val  
 370 375 380  
 Ala Phe Arg Arg Gln Arg Leu Lys Pro Glu Ile Gln Cys Val Ser Ala  
 385 390 395 400  
 Lys Ser Pro Gln His Cys Met Glu Arg Ile Gln Ala Glu Gln Val Asp  
 405 410 415  
 Ala Val Thr Leu Ser Gly Glu Asp Ile Tyr Thr Ala Gly Lys Thr Tyr  
 420 425 430  
 Gly Leu Val Pro Ala Ala Gly Glu His Tyr Ala Pro Glu Asp Ser Ser  
 435 440 445  
 Asn Ser Tyr Tyr Val Val Ala Val Val Arg Arg Asp Ser Ser His Ala  
 450 455 460  
 Phe Thr Leu Asp Glu Leu Arg Gly Lys Arg Ser Cys His Ala Gly Phe  
 465 470 475 480  
 Gly Ser Pro Ala Gly Trp Asp Val Pro Val Gly Ala Leu Ile Gln Arg  
 485 490 495  
 Gly Phe Ile Arg Pro Lys Asp Cys Asp Val Leu Thr Ala Val Ser Glu  
 500 505 510  
 Phe Phe Asn Ala Ser Cys Val Pro Val Asn Asn Pro Lys Asn Tyr Pro  
 515 520 525  
 Ser Ser Leu Cys Ala Leu Cys Val Gly Asp Glu Gln Gly Arg Asn Lys  
 530 535 540  
 Cys Val Gly Asn Ser Gln Glu Arg Tyr Tyr Gly Tyr Arg Gly Ala Phe  
 545 550 555 560  
 Arg Cys Leu Val Glu Asn Ala Gly Asp Val Ala Phe Val Arg His Thr  
 565 570 575

Thr Val Phe Asp Asn Thr Asn Gly His Asn Ser Glu Pro Trp Ala Ala

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580

585

590

Glu Leu Arg Ser Glu Asp Tyr Glu Leu Leu Cys Pro Asn Gly Ala Arg  
595 600 605

Ala Glu Val Ser Gln Phe Ala Ala Cys Asn Leu Ala Gln Ile Pro His  
610 615 620

Ala Val Met Val Arg Pro Asp Thr Asn Ile Phe Thr Val Tyr Gly Leu  
625 630 635 640

Leu Asp Lys Ala Gln Asp Leu Phe Gly Asp Asp His Asn Lys Asn Gly  
645 650 655

Phe Lys Met Phe Asp Ser Ser Asn Tyr His Gly Gln Asp Leu Leu Phe  
660 665 670

Lys Asp Ala Thr Val Arg Ala Val Pro Val Gly Glu Lys Thr Thr Tyr  
675 680 685

Arg Gly Trp Leu Gly Leu Asp Tyr Val Ala Ala Leu Glu Gly Met Ser  
690 695 700

Ser Gln Gln Cys Ser Gly Ala Ala Ala Pro Ala Pro Gly Ala Pro Leu  
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Leu Pro Leu Leu Leu Pro Ala Leu Ala Ala Arg Leu Leu Pro Pro Ala  
725 730 735

Leu

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atgacctgca gtgccagctc aagtgttaagt tacatgcact ggtaccagca gaagtcaggc 120

acctccccca aaagatggat ttatgacaca tccaaactgg cttctggagt cccagttcgc 180

ttcagtggca gtgggtctgg gacctcttac tctctcaca tcagcagcat tgaggctgac 240

gatgctgcca cttattactg ccagcagtgg agtagaacc caccacgtt cggagggggg 300

accaagctgg aaataaaa 318

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<211> 106

<212> PRT

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<223> proteína VL de SC57.1 VL

# 7 - Listado de secuencias traducido

<400> 21

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

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

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

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

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

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

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

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<212> DNA

<213> Mus musculus

<220>

<221> MISC\_FEATURE

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acctgcacag tctctgggtt ctcattaact gactatgggtg tacactgggt tcgccagtct 120

ccaggaaagg gtctggactg gctgggagtg atatggagtg gtggaaacac agactataat 180

gcagctttca tatccagact gagcatcagc aaggacaatt ccaagagcca aattttcttt 240

gaaatgaaca gtctacaaga tactgacaca gccatatatt actgtgccag acaacttcat 300

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

Gly Val His Trp Val Arg Gln Ser Pro Gly Lys Gly Leu Asp Trp Leu  
35 40 45

Gly Val Ile Trp Ser Gly Gly Asn Thr Asp Tyr Asn Ala Ala Phe Ile  
50 55 60

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

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

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

Leu Val Thr Val Ser Ala  
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<211> 321

<212> DNA

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<221> MISC\_FEATURE

<223> SC57.3 VL DNA

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catgagtctc caaggcttct catcaagtat gcttcccagt ccatctctgg gatcccctcc 180

aggttcagcg gcagtggatc agggacagat ttcgctctca gtatcaacag tgtggagact 240

gaagattttg gaatgttttt ctgtcaacag agtaacagct ggccgctcac gttcgggtgct 300

gggaccaagc tggagctgaa a 321

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## 7 - Listado de secuencias traducido

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 1 5 10 15

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

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

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

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

Glu Asp Phe Gly Met Phe Phe Cys Gln Gln Ser Asn Ser Trp Pro Leu  
 85 90 95

Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys  
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 ccaggaaagg gtctggaatg gctgggagtg atatggagtg gtggaaacac agactataat 180  
 gcagctttca tatccagact gagcatcagc aaggacaact ccaagagcca agttttcttt 240  
 aaaatgaaca gtctgcaagc tgatgacaca gccatatatt actgtgccag aaggaataac 300  
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<223> proteína VH de SC57.3

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Gln Val Gln Leu Lys Gln Ser Gly Pro Gly Leu Val Gln Pro Ser Gln  
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Ser Leu Ser Ile Thr Cys Thr Val Ser Gly Phe Ser Leu Ser Ser 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 Ala Ala Phe Ile  
50 55 60

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

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

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

Val Thr Val Ser Ala  
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<212> DNA

<213> Mus musculus

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<221> MISC\_FEATURE

<223> SC57.4 VL DNA

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atctcttgca gatctagtca gagccttgta cacagtaatg gaaacaccta ttacattgg 120

taccttcaga agccaggcca gtctccaaag ctctgatct acagagtttc caatcgattt 180

tctgggggtcc cagacagggt cagtggcagt ggatcaggga cagatttcac actcaagatc 240

agcagagtgg aggctgagga tctgggagtt tatctctgct ctcaaagtac acatgttccg 300

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 <223> proteína VL de SC57.4

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 1 5 10 15

Asp Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val His Ser  
 20 25 30

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

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

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

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

Thr His Val Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys  
 100 105 110

<210> 30  
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| acctgcaagg cttctggcta ctattcact gacttcaaca tgcactggat gaaacagagc  | 120 |
| catggaaaga gccttgagt gattggatat attgatcctt acaaaggtagg tattagctac | 180 |
| aaccagaagt tcaagggcag ggccacattg actgttgaca agtcctccag cacagccttc | 240 |
| atgcatctca atagtctgac atctgacgac tctgcagtct attactgtgc aagagattac | 300 |

# 7 - Listado de secuencias traducido

tacggtagta gattccctta ctattttgat tactggggcc aaggcaccac tctcacagtc 360  
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1 5 10 15

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

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

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

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

Met His Leu Asn Ser Leu Thr Ser Asp Asp Ser Ala Val Tyr Tyr Cys  
85 90 95

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

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

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atcacctgta aggccagtc ggatgtgtat gctgctgtag cctggatatca tcaaaaacca 120

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gggcaatctc ctaaactact gatttactgg gcatccaccc ggcacgctgg agtccctgat      180
cgcttcacag gcagtggatc tgggacagat tatactctca ccatcagcag tgtgcaggct      240
gaagacctgg cactttatta ctgtcagcaa cattatcgca ctccgtggac gttcgggtgga      300
ggcaccaagc tggaaatcaa a                                              321

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<220>
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<223> proteína VL de SC57.5

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<400> 33

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Asp Ile Val Met Thr Gln Ser His Lys Phe Met Ser Thr Ser Val Gly
1           5           10           15

```

```

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

```

```

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

```

```

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

```

```

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

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

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

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<210> 34
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<400> 34

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|--------------------------------------------------------------------|-----|
| tcctgcaagg cttctgggta ctcattcact gactactact tgcactgggt gaagcaaagc  | 120 |
| catgtaaaga gccttgagtg gattggacgg attaatcctt acaatgggtgc tactagttac | 180 |
| aaccagattt tcaaggacaa ggccagcttg actgtagata agtcctccag cacagcctac  | 240 |
| atggacctcc acagcctgac atctgaggac tctgcagtct attactgtgc aagagggggg  | 300 |
| gactatgatt tcccctggta ctggggccaa ggcaccactc tcacagtctc ccca        | 354 |

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 <223> proteína VH de SC57.5

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 1 5 10 15

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

Tyr Leu His Trp Val Lys Gln Ser His Val Lys Ser Leu Glu Trp Ile  
 35 40 45

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

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

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

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

Thr Leu Thr Val Ser Pro  
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<210> 36  
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<220>  
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tggtaccagc agaaaccagg gcagtctcct aaactgctga tctactgggc atccactagg 180  
gaatctgggg tccctgatcg cttcacaggc agtggatctg ggacagattt cactctcacc 240  
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ttcacgttcg gaggggggac caaactggaa ataaaa 336

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Asp Ile Val Met Ser Gln Ser Pro Ser Ser Leu Ala Val Ser Ala Gly  
1 5 10 15  
Glu Lys Val Thr Met Ser Cys Lys Ser Ser Gln Ser Leu Leu His Ser  
20 25 30  
Arg Ile Arg Lys Asn Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln  
35 40 45  
Ser Pro Lys Leu Leu Ile Tyr Trp Ala Ser Thr Arg Glu Ser Gly Val  
50 55 60  
Pro Asp Arg Phe Thr Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr  
65 70 75 80  
Ile Ser Ser Val Gln Ala Glu Asp Leu Ala Val Tyr Tyr Cys Lys Gln  
85 90 95  
Ser Tyr Asn Leu Phe Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys  
100 105 110

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<223> SC57.6 VH DNA

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ccagagaaga ggctggagtg ggtcgcatac cttagtaggg gtggtggtag cacctattat 180  
ctagacactg taaagggccg attcaccatc tccagagaca atgccaagaa caccctgtac 240  
ctacaaatga acagtctgaa gtctgaggac acggccatgt attactgtgc aagactggat 300  
ggttacaact ggtacttcga tgtctggggc gcagggaccc cggtcaccgt ctcctca 357

<210> 39  
<211> 119  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VH de SC57.6

<400> 39  
Gly Val Gln Val Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Gly  
1 5 10 15  
Ser Leu Lys Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr  
20 25 30  
Ala Met Ser Trp Val Arg Gln Thr Pro Glu Lys Arg Leu Glu Trp Val  
35 40 45  
Ala Tyr Leu Ser Arg Gly Gly Gly Ser Thr Tyr Tyr Leu Asp Thr Val  
50 55 60  
Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr  
65 70 75 80  
Leu Gln Met Asn Ser Leu Lys Ser Glu Asp Thr Ala Met Tyr Tyr Cys  
85 90 95  
Ala Arg Leu Asp Gly Tyr Asn Trp Tyr Phe Asp Val Trp Gly Ala Gly  
100 105 110  
Thr Pro Val Thr Val Ser Ser  
115

<210> 40  
<211> 321

## 7 - Listado de secuencias traducido

<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.8 VL DNA

<400> 40  
gacattgtga tgacccagtc tcacaaattc atgtccacat cagtaggaga caggggtcaac 60  
atcacctgca aggccagtc ggaatgtgggt acgactgtag cctgggtatca acagaaacca 120  
gggcaatctc cttaaactact tattttactgg gcatccaccc ggcacactgg agtccctgat 180  
cgcttcacag gcagtggatc tgggacagat ttcactctca ttattagcaa tgtgcagtct 240  
gaagacttgg cagattatatt ctgtcagcaa tatagcagct atcctctcac gttcggtgct 300  
gggaccaagc tggagctgaa a 321

<210> 41  
<211> 107  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VL de SC57.8

<400> 41

Asp Ile Val Met Thr Gln Ser His Lys Phe Met Ser Thr Ser Val Gly  
1 5 10 15

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

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

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

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

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

Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys  
100 105

<210> 42

## 7 - Listado de secuencias traducido

<211> 351  
<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.8 VH DNA

<400> 42  
caggtgcagc tgaagcagtc aggacctggc ctagtgcagc cctcacagag cctgtccatc 60  
tcctgcacag tctctggttt ctcattaact acctatgggtg tatactgggt tcgccagtct 120  
ccaggaaagg gtctggagtg gctgggagtg atatggagtg gtggaagcac agactataat 180  
gcagctttca tatccagact gatcatcagc aaggacaatt ccaagagcca agttttcttt 240  
aaaatgaaca gtctgcaagc taatgacaca gccatatatt actgtgccag aatctcctat 300  
gattacgacg gggccttactg gggccaaggg actctgggtca ctgtctctgc a 351

<210> 43  
<211> 117  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VH de SC57.8

<400> 43

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

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

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

Gly Val Ile Trp Ser Gly Gly Ser Thr Asp Tyr Asn Ala Ala Phe Ile  
50 55 60

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

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

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

# 7 - Listado de secuencias traducido

Val Thr Val Ser Ala  
115

<210> 44  
<211> 318  
<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.9 VL DNA

<400> 44  
caaattgttc tcaccagtc tccagcaatc atgtctgcat ctccagggga gaaggtcacc 60  
ataacctgca gtgccagctc aagtgttaagt tacatgcact ggttccagca gaagccaggc 120  
acttctccca aactctggat ttataccaca tccaacctgg cttctggagt ccctgctcgc 180  
ttcagtggca gtggatctgg aacctcttac tctctcaca tcagccgaat ggaggctgaa 240  
gatgctgcca cttattactg ccagcaaagg agtagtttcc caccacggtt cggctcgggg 300  
acaaagttgg aaataaaa 318

<210> 45  
<211> 106  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VL de SC57.9

<400> 45

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

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

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

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

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

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

## 7 - Listado de secuencias traducido

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

<210> 46  
<211> 351  
<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.9 VH DNA

<400> 46  
caggttcagc tgcagcagtc tggacctgag ctgatgaagc ctggggcctc agtgaagata 60  
tcctgcaagg ctactggcta cacattcagt agctactgga tagagtgggt aaagcagagg 120  
cctggacatg gccttgagtg gattggagag attttacctg gaagtggtag tactgagtat 180  
aatgagaagt tcaagggcaa ggccacattc accgcagata catcttcaa cacagcctac 240  
atgcaactca gcagcctgac atctgaggac tctgacgtct attactgtgc aagaaagagg 300  
tacgggacta tggactactg gggtaagga acctcagtc cagtctcctc a 351

<210> 47  
<211> 117  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VH de SC57.9

<400> 47

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

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

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

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

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

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

## 7 - Listado de secuencias traducido

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

Val Thr Val Ser Ser  
115

<210> 48  
<211> 321  
<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.10 (SC57.32) VL DNA

<400> 48  
gatatccaga tgacacagac tacatcctcc ctgtctgcct ctctgggaga cagagtcacc 60  
atcagttgca gggcaagtca ggacattagc aattatttaa actggtatca gcagaaacca 120  
gatggaactg ttaaactcct gatcttttac acatcaagat tacactcagg agtcccatcc 180  
aggttcagtg gtagtggggtc tggaacagat tattctctca ccattagcaa cctggaacaa 240  
gaagattttg ccacttactt ttgccaacag ggtaatacgc ttcctccgac gttcggtgga 300  
ggcaccaagc tggaaatcaa a 321

<210> 49  
<211> 107  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VL de SC57.10 (SC57.32)

<400> 49

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

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

Leu Asn Trp Tyr Gln Gln Lys Pro Asp Gly Thr Val Lys Leu Leu Ile  
35 40 45

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

Ser Gly Ser Gly Thr Asp Tyr Ser Leu Thr Ile Ser Asn Leu Glu Gln  
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# 7 - Listado de secuencias traducido

65 70 75 80

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

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

<210> 50  
<211> 357  
<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.10 (SC57.32) VH DNA

<400> 50  
caggttcagc tgcagcagtc tggagctgag ctgatgaagc ctggggcctc agtgaagata 60  
tcctgcaagg ctactggcta cacattcagt aactacagga tagagtggat aaaacagagg 120  
cctggacatg gccttgagtg gattggagag attttaccta gaggtggtaa tactaactac 180  
aatgagaagt tcaagggcaa ggccacattc actgcagata catcctcaa cacagcctac 240  
atgcaactca ccagcctgac atctgaggac tctgccgtct attactgtgc aagggatgat 300  
ggttactacg ggaggtttgc ttactggggc caagggactc tggtcactgt ctctgca 357

<210> 51  
<211> 119  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VH de SC57.10 (SC57.32)

<400> 51

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

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

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

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

7 - Listado de secuencias traducido

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

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

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

Thr Leu Val Thr Val Ser Ala  
115

<210> 52  
<211> 321  
<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.11 VL DNA

<400> 52  
gatatccaga tgacacagac tacatcctcc ctctctgcct ctctgggaga cagagtcacc 60  
atcagttgca gggcaagtca ggacattagc agttatttaa actggtatca gcagaaacca 120  
gatggaactg ttaaactcct gatctattac acatcaagat tacactcagg agtcccatca 180  
aggttcagtg gcagtgggtc tggaacagat tattctctca ccattaacaa cctggagcaa 240  
gaagatattg ccacttactt ttgccaacag ggtaatacgc ttcctccgac gttcggtgga 300  
ggcaccaagc tggaaatcaa a 321

<210> 53  
<211> 107  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VL de SC57.11

<400> 53

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

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

Leu Asn Trp Tyr Gln Gln Lys Pro Asp Gly Thr Val Lys Leu Leu Ile  
35 40 45

## 7 - Listado de secuencias traducido

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

Ser Gly Ser Gly Thr Asp Tyr Ser Leu Thr Ile Asn Asn Leu Glu Gln  
65 70 75 80

Glu Asp Ile Ala Thr Tyr Phe Cys Gln Gln Gly Asn Thr Leu Pro Pro  
85 90 95

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

<210> 54  
<211> 357  
<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.11 VH DNA

<400> 54  
caggttcagc tgcagcagtc tggagctgag ctgatgaagc ctggggcctc agtgaagata 60  
tcctgcaagg ctactggcta cacattcagt aactacagga tagagtggat gaaacagagg 120  
cctggacatg gccttgagtg gattggagag attttaccta gaactggtaa tactaactac 180  
aatgagaact tcaagggcaa ggccacattc actgcagata catcctcaa cacagcctac 240  
atacaactca gcagcctgac atctgaggac tctgccgtct attactgtgc aagggatgat 300  
ggttactacg ggaggtttgc ttactggggc caagggactc tggtcactgt ctctgca 357

<210> 55  
<211> 119  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VH de SC57.11

<400> 55

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

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

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

## 7 - Listado de secuencias traducido

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

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

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

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

Thr Leu Val Thr Val Ser Ala  
115

<210> 56  
<211> 321  
<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.12 VL DNA

<400> 56  
gacatccaga tgactcagtc tccaccctcc ctatctgcat ctgtgggaga aactgtcacc 60  
atcacatgtc gaacaagtga gaatattttac agttatttta catgggtatca gcagaaacag 120  
ggaaaatctc ctgagctcct ggtctataat gcaaaaacct tagcagaggg tgtgccatca 180  
aggttcagtg gcagtggatc aggcacacag ttttctctga agatcaacag cctgcagcct 240  
gaggattttg ggagttatta ctgtcaacat cattatggta ctccgctcac gttcggtgct 300  
gggaccaagc tggagctgaa a 321

<210> 57  
<211> 107  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VL de SC57.12

<400> 57

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

Glu Thr Val Thr Ile Thr Cys Arg Thr Ser Glu Asn Ile Tyr Ser Tyr  
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# 7 - Listado de secuencias traducido

20

25

30

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

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

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

Glu Asp Phe Gly Ser Tyr Tyr Cys Gln His His Tyr Gly Thr Pro Leu  
85 90 95

Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys  
100 105

<210> 58  
<211> 366  
<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.12 VH DNA

<400> 58  
cagggtgcagc tgaaggagtc aggacctggc ctggtggcgc cctcacagag cctgtccatc 60  
acttgcaactg tctctggggt ttcattaacc agttatgggtg tacactgggt tcgccagcct 120  
ccaggaaagg gtctggagtg gctgggaatt atatgggctg gtggaaccac aaattataat 180  
tcggctctca tgtccagact gagcatcaga aaagacaact ccaagagcca agttttctta 240  
aaaatgaaca gtctgcaaac tgatgacaca gccatgtact actgtgccag agataggggc 300  
tatgatgggtt acttcgacta tgctgtggac tactgggggc aaggaacctc agtcaccgtc 360  
tcctca 366

<210> 59  
<211> 122  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VH de SC57.12

<400> 59

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

## 7 - Listado de secuencias traducido

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

Gly Val His Trp Val Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Leu  
35 40 45

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

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

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

Arg Asp Arg Gly Tyr Asp Gly Tyr Phe Asp Tyr Ala Val Asp Tyr Trp  
100 105 110

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

<210> 60  
<211> 336  
<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.14 VL DNA

|                                                                   |     |
|-------------------------------------------------------------------|-----|
| <400> 60                                                          |     |
| gacattgtga tgtcacagtc tccatcctcc ctggctgtgt cagcaggaga gaaggtcact | 60  |
| atgagctgca aatccagtca gagtctgctc aacagtagaa cccgaaagaa ctacttggtc | 120 |
| tggtaccagc agaaaccagg gcagtctcct aaactgctga tctactgggc atccactagg | 180 |
| gaatctgggg tccctgatcg cttcacaggc agtggatctg ggacagattt cactctcacc | 240 |
| atcagcagtg tgcaggctga agacctggca gtttattact gcaagcaatc ttataatctg | 300 |
| tggacgttcg gtggaggcac caagctggaa atcaaa                           | 336 |

<210> 61  
<211> 112  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VL de SC57.14

## 7 - Listado de secuencias traducido

<400> 61

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

Glu Lys Val Thr Met Ser Cys Lys Ser Ser Gln Ser Leu Leu Asn Ser  
20 25 30

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

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

Pro Asp Arg Phe Thr Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr  
65 70 75 80

Ile Ser Ser Val Gln Ala Glu Asp Leu Ala Val Tyr Tyr Cys Lys Gln  
85 90 95

Ser Tyr Asn Leu Trp Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys  
100 105 110

<210> 62

<211> 357

<212> DNA

<213> Mus musculus

<220>

<221> MISC\_FEATURE

<223> SC57.14 VH DNA

<400> 62

|                                                                    |     |
|--------------------------------------------------------------------|-----|
| gatgtacagc ttcaggagtc aggacctggc ctcgtgaaac cttctcagtc tctgtctctc  | 60  |
| acctgctctg tcaactggcta ctccatcacc agtggttatt actggaactg gatccggcag | 120 |
| tttccaggaa acaaactgga atggatgggc tacataagct acgacgggta caataactac  | 180 |
| gacccatctc tcaaaaatcg aatctccatc actcgtgaca catctaagaa ccagtttttc  | 240 |
| ctgaagttga attctgtgac tactgaggac acagctacat attactgtgc aagcaactat  | 300 |
| tggtacgacg cttactttga ctactggggc caaggcacca ctctcacagt ctctca      | 357 |

<210> 63

<211> 119

<212> PRT

<213> Mus musculus

<220>

<221> MISC\_FEATURE

# 7 - Listado de secuencias traducido

<223> proteína VH de SC57.14

<400> 63

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

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

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

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

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

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

Ala Ser Asn Tyr Trp Tyr Asp Ala Tyr Phe Asp Tyr Trp Gly Gln Gly  
100 105 110

Thr Thr Leu Thr Val Ser Ser  
115

<210> 64

<211> 321

<212> DNA

<213> Mus musculus

<220>

<221> MISC\_FEATURE

<223> SC57.15 VL DNA

<400> 64

|                                                                    |     |
|--------------------------------------------------------------------|-----|
| gacatccaga tgactcagtc tccagcttca ctgtctgcat ctgtgggaga aactgtcacc  | 60  |
| atcacatgtg gagcaagtga gaatatttac ggtgctttaa attggatatca gcggaaacag | 120 |
| ggaaaatctc ctcagctcct gatctatggt gcaaccaact tggcagatgg catgtcatcg  | 180 |
| aggttcagtg gcagtggatc tgggtggacag tattctctca agatcagtg cctgcatcct  | 240 |
| gccgatgttg caacgtatta ctgtcaaaat gtattaaata ctccgtggac gttcgggtgga | 300 |
| ggcaccaagc tggaaatcaa a                                            | 321 |

<210> 65

<211> 107

<212> PRT

# 7 - Listado de secuencias traducido

<213> Mus musculus

<220>

<221> MISC\_FEATURE

<223> proteína VL de SC57.15

<400> 65

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

Glu Thr Val Thr Ile Thr Cys Gly Ala Ser Glu Asn Ile Tyr Gly Ala  
20 25 30

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

Tyr Gly Ala Thr Asn Leu Ala Asp Gly Met Ser Ser Arg Phe Ser Gly  
50 55 60

Ser Gly Ser Gly Gly Gln Tyr Ser Leu Lys Ile Ser Gly Leu His Pro  
65 70 75 80

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

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

<210> 66

<211> 372

<212> DNA

<213> Mus musculus

<220>

<221> MISC\_FEATURE

<223> SC57.15 VH DNA

<400> 66

|                                                                    |     |
|--------------------------------------------------------------------|-----|
| gatgtgcagc ttcaggagtc aggacctgac ctggtgaaac cttctcagtc actttcactc  | 60  |
| acctgcgctg tcaactggcta ctccatcacc agtgcttata cctggcactg gatccggcag | 120 |
| tttccaggaa acaaactgga atggatgggc tacatgcact acagtggtag cactagctac  | 180 |
| aacccatctc tcaaaagtcg aatctctatc actcgagaca catccaagaa ccagttcttc  | 240 |
| ctgcagttga attctgtgac tactgaggac acagccacat attactgtgc aaattccctc  | 300 |
| ctttactacg gctacggggt gtactggtac ttcgatgtct ggggcgcagg gaccacggtc  | 360 |
| accgtctcct ca                                                      | 372 |

## 7 - Listado de secuencias traducido

<210> 67  
 <211> 124  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína VH de SC57.15

<400> 67

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

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

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

Met Gly Tyr Met His Tyr Ser Gly Ser Thr Ser Tyr Asn Pro Ser Leu  
 50 55 60

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

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

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

Val Trp Gly Ala Gly Thr Thr Val Thr Val Ser Ser  
 115 120

<210> 68  
 <211> 321  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> SC57.17 VL DNA

<400> 68

|                                                                   |     |
|-------------------------------------------------------------------|-----|
| gatatccaga tgacacagac tacatcctcc ctgtctgcct ctctgggaga cagagtcacc | 60  |
| atcagttgca gtgcaagtca ggacataaac aattatttaa actggtatca acagaaacca | 120 |
| gatggaactg ttaaactcct gatccattac acatcaagtt tacactcagg agtcccatca | 180 |
| aggttcagtg gcagtgggtc tgggacagat tattctctca ccatcagcaa cctggaacct | 240 |

7 - Listado de secuencias traducido

gaagatattg ccacttacta ttgtcagcag tatagtaagg ttccgtggac gttcgggtgga 300  
ggcaccaagc tggaaatcaa a 321

<210> 69  
<211> 107  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VL de SC57.17

<400> 69

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

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

Leu Asn Trp Tyr Gln Gln Lys Pro Asp Gly Thr Val Lys Leu Leu Ile  
35 40 45

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

Ser Gly Ser Gly Thr Asp Tyr Ser Leu Thr Ile Ser Asn Leu Glu Pro  
65 70 75 80

Glu Asp Ile Ala Thr Tyr Tyr Cys Gln Gln Tyr Ser Lys Val Pro Trp  
85 90 95

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

<210> 70  
<211> 366  
<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.17 VH DNA

<400> 70

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tcctgcacag cttctggctt caacattaaa gacacctata tgcactgggt gaagcagagg 120  
cctgaacagg gcctggagtg gattggaagg attgatccag cgaatgtaaa tactagcgat 180  
gacccgaagt tccagggcaa ggccactata gcagcagaca catcctccaa cacagtttac 240

## 7 - Listado de secuencias traducido

ctgcagctca gcagcctgac atctgaggac actgccgtct attattgtgc tagagactat 300  
 aggtacgacg gatattacta tgcaatggac tactgggggtc aaggaacctc agtcaccgtc 360  
 tcctca 366

<210> 71  
 <211> 122  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína VH de SC57.17

<400> 71

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

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

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

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

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

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

Ala Arg Asp Tyr Arg Tyr Asp Gly Tyr Tyr Tyr Ala Met Asp Tyr Trp  
 100 105 110

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

<210> 72  
 <211> 321  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> SC57.20 VL DNA

<400> 72

# 7 - Listado de secuencias traducido

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atcacctgca aggccagtca agatgtgggt tctgctgttg cctgggtctca acagaaacca 120  
ggacaatctc ctaaactact gatttactgg gcatcctccc ggacactgg agtccctgat 180  
cgcttcacag gcagtggatc tgggacagat ttcactctca ccattagcaa tgtgcagtct 240  
gaagacttgg cagattatct ctgtcagcaa tatagcaact atcctctcac gttcgggtgct 300  
gggaccaagc tggagctgaa a 321

<210> 73  
<211> 107  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VL de SC57.20

<400> 73

Asp Ile Val Met Thr Gln Ser His Lys Phe Met Ser Thr Ser Val Gly  
1 5 10 15

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

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

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

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

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

Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys  
100 105

<210> 74  
<211> 354  
<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.20 VH DNA

# 7 - Listado de secuencias traducido

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<400> 74
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acctgcactg tcactgggcta ctccatcacc agtgggttata gctggcactg gatccggcag      120
tttccaggaa acaaactgga atggatgggc ttcatacact acagtggtag ctctaactac      180
aaccatttc tcaaaagtcg aatctctatc actcgagaca catccaagaa ccagttcttc      240
ctgcagatga attctgtgaa tacagaggac acagccacat attactgttc aagaaaaggc      300
tccttctatc ctatggacta ctgggggtcaa ggaacctcag tcaccgtctc ctca          354

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<210> 75
<211> 118
<212> PRT
<213> Mus musculus

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<220>
<221> MISC_FEATURE
<223> proteína VH de SC57.20

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<400> 75
Asp Val Gln Leu Gln Glu Ser Gly Pro Asp Leu Val Lys Pro Ser Gln
1          5          10          15

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

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

Met Gly Phe Ile His Tyr Ser Gly Ser Ser Asn Tyr Asn Pro Phe Leu
50          55          60

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

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

Ser Arg Lys Gly Ser Phe Tyr Pro Met Asp Tyr Trp Gly Gln Gly Thr
100         105         110

Ser Val Thr Val Ser Ser
115

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<210> 76
<211> 321
<212> DNA
<213> Mus musculus

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## 7 - Listado de secuencias traducido

<220>  
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 <223> SC57.27 VL DNA  
  
 <400> 76  
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 atcacatgtc gagcaagtga gattattttac agttatttag catggtatca gcagaaacag 120  
 ggaaaatctc ctgagctcct ggtctataat gcaaaaacct tagcagaagg tgtgccatca 180  
 aggttcagtg gcagtggatc aggcacacag ttttctctga agatcaacag cctgcagcct 240  
 gaagattttg ggacttatta ctgtcaacat cattatggtg ttcctgtcac gttcggtgct 300  
 gggaccaagc tggagctgaa a 321

<210> 77  
 <211> 107  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína VL de SC57.27

<400> 77  
 Asp Ile Gln Met Thr Gln Ser Pro Val Ser Leu Ser Ala Ser Val Gly  
 1 5 10 15  
 Glu Thr Val Thr Ile Thr Cys Arg Ala Ser Glu Ile Ile Tyr Ser Tyr  
 20 25 30  
 Leu Ala Trp Tyr Gln Gln Lys Gln Gly Lys Ser Pro Gln Leu Leu Val  
 35 40 45  
 Tyr Asn Ala Lys Thr Leu Ala Glu Gly Val Pro Ser Arg Phe Ser Gly  
 50 55 60  
 Ser Gly Ser Gly Thr Gln Phe Ser Leu Lys Ile Asn Ser Leu Gln Pro  
 65 70 75 80  
 Glu Asp Phe Gly Thr Tyr Tyr Cys Gln His His Tyr Gly Val Pro Val  
 85 90 95  
 Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys  
 100 105

<210> 78  
 <211> 357  
 <212> DNA  
 <213> Mus musculus

## 7 - Listado de secuencias traducido

<220>  
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 <223> SC57.27 VH DNA  
  
 <400> 78  
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 tcctgtgcag cctctggatt ctctttcaat aactatgccca tgtcttgggt tcgtcagact 120  
 ccagagaaga ggctggagtg ggtcgcattcc attagtagtg gtggaactac gttctatcca 180  
 gacagtgtga agggccgatt taccatgtcc agagatcatg ccaggaacat cctgtacctg 240  
 caaatgaaca gtctgaggtc tgaggacacg gccatgtatt actgtgtaag aggccaatgg 300  
 ttatcactct attctatgga ctactgggggt caaggaacct cagtcaccgt ctccctca 357

<210> 79  
 <211> 119  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína VH de SC57.27

<400> 79  
 Glu Leu Lys Leu Val Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Gly  
 1 5 10 15  
 Ser Leu Lys Leu Ser Cys Ala Ala Ser Gly Phe Ser Phe Asn Asn Tyr  
 20 25 30  
 Ala Met Ser Trp Val Arg Gln Thr Pro Glu Lys Arg Leu Glu Trp Val  
 35 40 45  
 Ala Ser Ile Ser Ser Gly Gly Thr Thr Phe Tyr Pro Asp Ser Val Lys  
 50 55 60  
 Gly Arg Phe Thr Met Ser Arg Asp His Ala Arg Asn Ile Leu Tyr Leu  
 65 70 75 80  
 Gln Met Asn Ser Leu Arg Ser Glu Asp Thr Ala Met Tyr Tyr Cys Val  
 85 90 95  
 Arg Gly Gln Trp Leu Ser Leu Tyr Ser Met Asp Tyr Trp Gly Gln Gly  
 100 105 110  
 Thr Ser Val Thr Val Ser Ser  
 115

## 7 - Listado de secuencias traducido

<210> 80  
 <211> 321  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> SC57.31 VL DNA

<400> 80  
 gatattgtgc taactcagtc tccagccacc ctgtctgtga ctccaggaga tagcgtcagt 60  
 ctttcctgca gggccagcca aagtgttggc aacagcctac actggatatca acaaaaatca 120  
 catgagtctc caaggcttct catcaagtat gcttcccagt ccatctctgg gatccccctc 180  
 aggttcagtg gcagtggatc agggacagat ttcaactctca gtatcaacag tgtggagact 240  
 gaagattttg gaatgtattt ctgtcaacag agtgacagct ggccgctcac gttcgggtact 300  
 gggaccaagc tggagctgaa a 321

<210> 81  
 <211> 107  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína VL de SC57.31

<400> 81

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

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

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

Lys Tyr Ala Ser Gln 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 Thr  
 65 70 75 80

Glu Asp Phe Gly Met Tyr Phe Cys Gln Gln Ser Asp Ser Trp Pro Leu  
 85 90 95

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

## 7 - Listado de secuencias traducido

<210> 82  
 <211> 360  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> SC57.31 VH DNA

<400> 82  
 caggtgcacc tgaaggagtc aggacctggc ctggtggcgc cctcacagag cctgtccatc 60  
 acttgcaactg tctctgggtt ttcattaacc acctatggtg tacactgggt tcgccagcct 120  
 ccaggaaagg gtctggagtg gctgggagta atatgggctg gtggaagcac aaaatataat 180  
 tcggctttca tgtccagact gagcatcagc aaagacaact ccaagacca agttctctta 240  
 aaaatgaaca gtctgcaaac tgatgacaca gccatgtact actgtgccag agtggcctcc 300  
 cacggtagta gtccttggtt tgcttactgg ggccaaggga ctctgggtcac tgtctctgca 360

<210> 83  
 <211> 120  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína VH de SC57.31

<400> 83  
 Gln Val His Leu Lys Glu Ser Gly Pro Gly Leu Val Ala Pro Ser Gln  
 1 5 10 15  
 Ser Leu Ser Ile Thr Cys Thr Val Ser Gly Phe Ser Leu Thr Thr Tyr  
 20 25 30  
 Gly Val His Trp Val Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Leu  
 35 40 45  
 Gly Val Ile Trp Ala Gly Gly Ser Thr Lys Tyr Asn Ser Ala Phe Met  
 50 55 60  
 Ser Arg Leu Ser Ile Ser Lys Asp Asn Ser Lys Thr Gln Val Leu Leu  
 65 70 75 80  
 Lys Met Asn Ser Leu Gln Thr Asp Asp Thr Ala Met Tyr Tyr Cys Ala  
 85 90 95  
 Arg Val Ala Ser His Gly Ser Ser Ser Trp Phe Ala Tyr Trp Gly Gln

7 - Listado de secuencias traducido

100

105

110

Gly Thr Leu Val Thr Val Ser Ala  
115 120

<210> 84  
<211> 339  
<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.43 VL DNA

<400> 84  
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atctcttgca gatctagtca gagccttgta cacagtaatg gaaacaccta ttacattgg 120  
tacctgcaga agccaggcca gtctccaaag ctctgatct acaaagtttc caaccgattt 180  
tctgggggtcc cagacagggt cagtggcagt ggatcaggga cagatttcac actcaagatc 240  
agcagagtgg aggctgagga tctgggagtt tatttctgct ctcaaagtac acatgttcct 300  
ctgtacacgt tcggaggggg gaccaagctg gaaataaaa 339

<210> 85  
<211> 113  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VL de SC57.43

<400> 85

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

Asp Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val His Ser  
20 25 30

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

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

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

# 7 - Listado de secuencias traducido

Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Phe Cys Ser Gln Ser  
85 90 95

Thr His Val Pro Leu Tyr Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile  
100 105 110

Lys

<210> 86  
<211> 351  
<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.43 VH DNA

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tcctgtgcag cctctggatt cactttcggg agctatacca tgtcttgggt tcgccagact 120  
ccagagaaga ggctggagtg ggtcgcatac attagtaatg gtgggttatgt cacctactac 180  
ccagacactg taaagggccg attcaccatc tccagagaca atgccaagaa taccctgtac 240  
ctgcaaata gaagtctgaa gtctgaggac acggccatgt attactgtgc aagaggatac 300  
gactgggtact tcgatgtctg gggcgcaggg accacgggtca ccgtctcctc a 351

<210> 87  
<211> 117  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VH de SC57.43  
<400> 87

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

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

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

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

# 7 - Listado de secuencias traducido

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

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

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

Val Thr Val Ser Ser  
115

<210> 88  
<211> 321  
<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.60 VL DNA

<400> 88  
gacatccaga tgactcagtc tccagcctcc ctatctgcat ctgtgggaga aactgtcacc 60  
atcacatgtc gagcaagtga gaatatctac agttatttag catgggtctca gcagaagcag 120  
ggaaaatctc ctcacctcct ggtctataat gcaaaaacct tagcagaagg tgtgccatca 180  
aggttcagtg gcagtggatc aggcacacag ttttctctga agatcaacag cctgcagcct 240  
gaagattttg ggagttatta ctgtcaacat cattatggta ttccgctcac gttcggtgct 300  
gggaccaagc tggagctgaa a 321

<210> 89  
<211> 107  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VL de SC57.60

<400> 89

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

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

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

## 7 - Listado de secuencias traducido

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

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

Glu Asp Phe Gly Ser Tyr Tyr Cys Gln His His Tyr Gly Ile Pro Leu  
85 90 95

Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys  
100 105

<210> 90  
<211> 360  
<212> DNA  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> SC57.60 VH DNA

<400> 90  
caggttcagc tgcagcagtc tggggctgag ctggtgaggc ctgggtcctc agtgaagatt 60  
tcctgcaagg cttctggcta tgcattcagt agctactgga tgaactgggt gaagcagagg 120  
cctggacagg gtcttgagtg gattggacag atttatcctg gagatgggtga tactaactac 180  
aatggaaagt tcaagggtaa agccacattg actgcagaca aatcctccag cacagcctac 240  
atgcagctca gcagtctaac atctgaggac tctgcggtct acttctgtgc aagagcttac 300  
tacggaaacc tctatgttat ggactactgg ggtcaaggaa cctcagtcac cgtctcctca 360

<210> 91  
<211> 120  
<212> PRT  
<213> Mus musculus

<220>  
<221> MISC\_FEATURE  
<223> proteína VH de SC57.60

<400> 91

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

Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Ala Phe Ser Ser Tyr  
20 25 30

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

## 7 - Listado de secuencias traducido

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

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

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

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

Gly Thr Ser Val Thr Val Ser Ser  
115 120

<210> 92  
<211> 321  
<212> DNA  
<213> Artificial

<220>  
<223> Secuencia de Anticuerpo Humanizado

<220>  
<221> MISC\_FEATURE  
<223> hSC57.5 VL DNA

|                                                                    |     |
|--------------------------------------------------------------------|-----|
| <400> 92                                                           |     |
| gacatccaga tgacacagtc accttcaagt ctgagtgccct ccgtaggtga tagagtcacc | 60  |
| attacatgca aagcatctca agacgtttac gctgccgtgg cttggtacca gcagaaaccc  | 120 |
| ggcaaggctc caaagttgct gatttactgg gcaagcactc gccacgctgg cgttccttca  | 180 |
| cgtttttcag gcagtggaag cgggaccgac ttcaccctga ccatctctag tctccagccc  | 240 |
| gaggactttg ctacctacta ctgccagcag cattaccgta caccttggac tttcggccaa  | 300 |
| ggcaccaagg tcgagattaa a                                            | 321 |

<210> 93  
<211> 107  
<212> PRT  
<213> Artificial

<220>  
<223> Secuencia de Anticuerpo Humanizado

<220>  
<221> MISC\_FEATURE  
<223> proteína VL de hSC57.5  
<400> 93

# 7 - Listado de secuencias traducido

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 Thr Cys Lys Ala Ser Gln Asp Val Tyr Ala Ala  
20 25 30

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

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

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

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

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

<210> 94  
<211> 354  
<212> DNA  
<213> Artificial

<220>  
<223> Secuencia de Anticuerpo Humanizado

<220>  
<221> MISC\_FEATURE  
<223> hSC57.5 VH DNA

|                                                                   |     |
|-------------------------------------------------------------------|-----|
| <400> 94                                                          |     |
| gaagtgaac tcgtgcagag cggggccgaa gtaaaaaaac caggcgagag cttgaaaatt  | 60  |
| tcttgcaagg gatccggcta ctccttcaca gactactatc tccactgggt ccgccagatg | 120 |
| cccggcaaag gccttgaatg gatgggcaga ataaatccct acaacggcgc tacctcctat | 180 |
| aatcagatct tcaaggatca agtgaccatc tccgccgata agtccatctc cacagcttat | 240 |
| cttcagtgga gctcactgaa ggctagcgat actgccatgt attactgtgc aaggggcggc | 300 |
| gactacgatt tcccttggtg ttggggccag ggaactaccg tccactgttag cagc      | 354 |

<210> 95  
<211> 118  
<212> PRT  
<213> Artificial

<220>  
<223> Secuencia de Anticuerpo Humanizado

## 7 - Listado de secuencias traducido

<220>

<221> MISC\_FEATURE

<223> proteína VH de hSC57.5

<400> 95

Glu 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 Asp Tyr  
20 25 30

Tyr Leu His Trp Val Arg Gln Met Pro Gly Lys Gly Leu Glu Trp Met  
35 40 45

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

Lys Asp 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 Gly Gly Asp Tyr Asp Phe Pro Trp Tyr Trp Gly Gln Gly Thr  
100 105 110

Thr Val Thr Val Ser Ser  
115

<210> 96

<211> 354

<212> DNA

<213> Artificial

<220>

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<220>

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<223> hSC57.5v1 VH DNA

<400> 96

gaagtgaac tcgtgcagag cggggccgaa gtaaaaaaac caggcgagag cttgaaaatt 60

tcttgcaagg gatccggcta ctcttcaca gactactatc tccactgggt ccgccagatg 120

cccggcaaag gccttgaatg gatgggcaga ataaatccct acaacgccgc tacctcctat 180

aatcagatct tcaaggatca agtgaccatc tccgccgata agtccatctc cacagcttat 240

cttcagtgga gctcactgaa ggctagcgat actgccatgt attactgtgc aaggggcggc 300

gactacgatt tcccttggtg ttggggccag ggaactaccg tcaactgttag cagc 354

## 7 - Listado de secuencias traducido

<210> 97  
 <211> 118  
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<220>  
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 <223> proteína VH de hSC57.5v1

<400> 97

Glu 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 Asp Tyr  
 20 25 30

Tyr Leu His Trp Val Arg Gln Met Pro Gly Lys Gly Leu Glu Trp Met  
 35 40 45

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

Lys Asp 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 Gly Gly Asp Tyr Asp Phe Pro Trp Tyr Trp Gly Gln Gly Thr  
 100 105 110

Thr Val Thr Val Ser Ser  
 115

<210> 98  
 <211> 321  
 <212> DNA  
 <213> Artificial

<220>  
 <223> Secuencia de Anticuerpo Humanizado

<220>  
 <221> MISC\_FEATURE  
 <223> hSC57.32 VL DNA

<400> 98

# 7 - Listado de secuencias traducido

|                                                                    |     |
|--------------------------------------------------------------------|-----|
| gatattcaga tgactcagtc tcccagcagc cttagcgcat ctgtgggaga tcgtgtcacc  | 60  |
| attacctgcc gcgcttcaca ggacatttct aactacctca actggatatca gcagaagcca | 120 |
| ggtaaggcac caaagctcct gatctactat acttctagac tgcacagcgg tgtgccatct  | 180 |
| agatttctctg gaagtgggag cggcacagac tacacactga caatcagctc cttgcagcct | 240 |
| gaagattttg caacttatta ttgccagcag ggaaacacac tgccaccaac cttcggcggt  | 300 |
| gggaccaagg tggagatcaa g                                            | 321 |

<210> 99  
<211> 107  
<212> PRT  
<213> Artificial

<220>  
<223> Secuencia de Anticuerpo Humanizado

<220>  
<221> MISC\_FEATURE  
<223> proteína VL de hSC57.32

<400> 99

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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 | Thr | Cys | Arg | Ala | Ser | Gln | Asp | Ile | Ser | Asn | Tyr |
|     |     |     | 20  |     |     |     |     | 25  |     |     |     |     | 30  |     |     |

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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Tyr | Tyr | Thr | Ser | Arg | Leu | His | Ser | Gly | Val | Pro | Ser | Arg | Phe | Ser | Gly |
|     | 50  |     |     |     |     | 55  |     |     |     | 60  |     |     |     |     |     |

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ser | Gly | Ser | Gly | Thr | Asp | Tyr | Thr | Leu | Thr | Ile | Ser | Ser | Leu | Gln | Pro |
| 65  |     |     |     |     | 70  |     |     |     |     | 75  |     |     |     |     | 80  |

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Asp | Phe | Ala | Thr | Tyr | Tyr | Cys | Gln | Gln | Gly | Asn | Thr | Leu | Pro | Pro |
|     |     |     |     | 85  |     |     |     |     | 90  |     |     |     |     | 95  |     |

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

<210> 100  
<211> 357  
<212> DNA  
<213> Artificial

<220>  
<223> Secuencia de Anticuerpo Humanizado

## 7 - Listado de secuencias traducido

<220>  
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 <223> hSC57.32 VH DNA  
  
 <400> 100  
 caagtgcagt tggtagcagtc tggcgagag gtcaaaaaac ccggagcttc agtgaaagtg 60  
 tcctgcaaag ccagtggata tacattcact aactaccgta ttgagtgggt ccgtcaggct 120  
 ccaggccagg ggctggagtg gatgggtgaa atactgcctc gcggcggcaa tactaactac 180  
 aatgagaagt ttaaggggag agttacattc accgccgata ctagtacttc caccgcctat 240  
 atggagctcc gttccctccg gagcgatgac actgccgtgt actattgcgc ccgtgacgac 300  
 gggtattacg ggaggtttgc ttactgggga cagggtacat tggtgacagt atcatct 357

<210> 101  
 <211> 119  
 <212> PRT  
 <213> Artificial

<220>  
 <223> Secuencia de Anticuerpo Humanizado

<220>  
 <221> MISC\_FEATURE  
 <223> proteína VH de hSC57.32

<400> 101  
 Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala  
 1 5 10 15  
  
 Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asn Tyr  
 20 25 30  
  
 Arg Ile Glu Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met  
 35 40 45  
  
 Gly Glu Ile Leu Pro Arg Gly Gly Asn Thr Asn Tyr Asn Glu Lys Phe  
 50 55 60  
  
 Lys Gly Arg Val Thr Phe Thr Ala Asp Thr Ser Thr Ser Thr Ala Tyr  
 65 70 75 80  
  
 Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys  
 85 90 95  
  
 Ala Arg Asp Asp Gly Tyr Tyr Gly Arg Phe Ala Tyr Trp Gly Gln Gly  
 100 105 110

# 7 - Listado de secuencias traducido

Thr Leu Val Thr Val Ser Ser  
115

<210> 102  
<211> 357  
<212> DNA  
<213> Artificial

<220>  
<223> Secuencia de Anticuerpo Humanizado

<220>  
<221> MISC\_FEATURE  
<223> hSC57.32v1 VH DNA

<400> 102  
caagtgcagt tggtagcagtc tggcgagag gtcaaaaaac ccggagcttc agtgaaagtg 60  
tcctgcaaag ccagtggata tacattcact aactaccgta ttgagtgggt ccgtcaggct 120  
ccaggccagg ggctggagtg gatgggtgaa atactgcctc gcggcggcaa tactaactac 180  
aatgagaagt ttaaggggag agttacaatg accgccgata ctagtacttc caccgcctat 240  
atggagctcc gttccctccg gagcgatgac actgccgtgt actattgcgc ccgtgacgac 300  
ggttattacg ggaggtttgc ttactgggga cagggtacat tggtgacagt atcatct 357

<210> 103  
<211> 119  
<212> PRT  
<213> Artificial

<220>  
<223> Secuencia de Anticuerpo Humanizado

<220>  
<221> MISC\_FEATURE  
<223> proteína VH de hSC57.32v1

<400> 103

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

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

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

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

Lys Gly Arg Val Thr Met Thr Ala Asp Thr Ser Thr Ser Thr Ala Tyr  
Página 52

# 7 - Listado de secuencias traducido

65 70 75 80

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

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

Thr Leu Val Thr Val Ser Ser  
115

<210> 104  
<211> 339  
<212> DNA  
<213> Artificial

<220>  
<223> Secuencia de Anticuerpo Humanizado

<220>  
<221> MISC\_FEATURE  
<223> hSC57.43 VL DNA

<400> 104  
gacatcgtaa tgacacagtc tccagatagt ctcgccgtga gtctgggaga gcgtgctact 60  
atcaactgtc ggtcttctca gtccctcgtc cattctaata gaaacactta cctccattgg 120  
tatcagcaga aacccgggtca gccaccaaag ttgctgatat acaagggtctc caaccgcttt 180  
agcgggggtgc ctgatcggtt cagcgggtca ggaagcggga cagacttcac cttgacaata 240  
tcattctctgc aggcagaaga ttagccgtg tattactgct cccagtctac acacgtacct 300  
ctgtacacat tcgggggcgg caccaagggtg gagattaag 339

<210> 105  
<211> 113  
<212> PRT  
<213> Artificial

<220>  
<223> Secuencia de Anticuerpo Humanizado

<220>  
<221> MISC\_FEATURE  
<223> proteína VL de hSC57.43

<400> 105

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

Glu Arg Ala Thr Ile Asn Cys Arg Ser Ser Gln Ser Leu Val His Ser  
20 25 30

## 7 - Listado de secuencias traducido

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

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

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

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

Thr His Val Pro Leu Tyr Thr Phe Gly Gly Gly Thr Lys Val Glu Ile  
100 105 110

Lys

<210> 106  
<211> 351  
<212> DNA  
<213> Artificial

<220>  
<223> Secuencia de Anticuerpo Humanizado

<220>  
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<223> hSC57.43 VH DNA

<400> 106  
cagggtgcagc tgggtggaatc tgggtggcggg gtgggtgcagc ctggcagatc cctgagactg 60  
tcttgtgccg cctccggctt caccttcggc tcctacacca tgcctgggt gcgacaggct 120  
cctggcaagg gcctggaatg ggtggcctac atctccaacg gcggctacgt gacctactac 180  
cccgcaccg tgaagggccg gttcaccatc tctcgggaca actccaagaa caccctgtac 240  
ctgcagatga actccctgcg ggccgaggac accgccgtgt actattgtgc cagaggctac 300  
gactgggtact tcgacgtgtg gggccagggc accaccgtga cagtgtcatc t 351

<210> 107  
<211> 117  
<212> PRT  
<213> Artificial

<220>  
<223> Secuencia de Anticuerpo Humanizado

<220>

# 7 - Listado de secuencias traducido

<221> MISC\_FEATURE

<223> proteína VH de hsc57.43

<400> 107

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

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

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

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

Val Thr Val Ser Ser  
115

<210> 108

<211> 214

<212> PRT

<213> Artificial

<220>

<223> Secuencia de Anticuerpo Humanizado

<220>

<221> MISC\_FEATURE

<223> proteína VH de cadena liviana de largo completo de hsc57.5

<400> 108

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 Thr Cys Lys Ala Ser Gln Asp Val Tyr Ala Ala  
20 25 30

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

## 7 - Listado de secuencias traducido

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

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

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

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

Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly  
115 120 125

Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu Ala  
130 135 140

Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser Gln  
145 150 155 160

Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu Ser  
165 170 175

Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val Tyr  
180 185 190

Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser  
195 200 205

Phe Asn Arg Gly Glu Cys  
210

<210> 109

<211> 447

<212> PRT

<213> Artificial

<220>

<223> Secuencia de anticuerpo humanizado

<220>

<221> MISC\_FEATURE

<223> proteína VH de cadena pesada de largo completo de hSC57.5

<400> 109

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

## 7 - Listado de secuencias traducido

Ser Leu Lys Ile Ser Cys Lys Gly Ser Gly Tyr Ser Phe Thr Asp Tyr  
 20 25 30  
 Tyr Leu His Trp Val Arg Gln Met Pro Gly Lys Gly Leu Glu Trp Met  
 35 40 45  
 Gly Arg Ile Asn Pro Tyr Asn Gly Ala Thr Ser Tyr Asn Gln Ile Phe  
 50 55 60  
 Lys Asp 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 Gly Gly Asp Tyr Asp Phe Pro Trp Tyr Trp Gly Gln Gly Thr  
 100 105 110  
 Thr 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 Leu Gly Gly 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

## 7 - Listado de secuencias traducido

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 Leu Thr Lys Asn Gln 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

Asn Gly Gln 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 Asp Lys Ser  
405 410 415

Arg Trp Gln Gln 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> 110

<211> 447

<212> PRT

<213> Artificial

<220>

<223> Secuencia de anticuerpo Humanizado

<220>

<221> MISC\_FEATURE

<223> Proteína de cadena pesada de largo completo de hSC57.5v1ss1

<400> 110

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

## 7 - Listado de secuencias traducido

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

Tyr Leu His Trp Val Arg Gln Met Pro Gly Lys Gly Leu Glu Trp Met  
 35 40 45

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

Lys Asp 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 Gly Gly Asp Tyr Asp Phe Pro Trp Tyr Trp Gly Gln Gly Thr  
 100 105 110

Thr 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 Ser Asp Lys Thr  
 210 215 220

His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly 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

# 7 - Listado de secuencias traducido

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 Leu Thr Lys Asn Gln 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

Asn Gly Gln 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 Asp Lys Ser  
405 410 415

Arg Trp Gln Gln 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> 111

<211> 447

<212> PRT

<213> Artificial

<220>

<223> Secuencia de Anticuerpo Humanizado

<220>

<221> MISC\_FEATURE

<223> Proteína de cadena pesada de largo completo de hsc57.5v1

<400> 111

Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Glu

7 - Listado de secuencias traducido

1 5 10 15

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

Tyr Leu His Trp Val Arg Gln Met Pro Gly Lys Gly Leu Glu Trp Met  
35 40 45

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

Lys Asp 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 Gly Gly Asp Tyr Asp Phe Pro Trp Tyr Trp Gly Gln Gly Thr  
100 105 110

Thr 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 Leu Gly Gly 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

# 7 - Listado de secuencias traducido

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 Leu Thr Lys Asn Gln 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

Asn Gly Gln 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 Asp Lys Ser  
405 410 415

Arg Trp Gln Gln 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> 112

<211> 214

<212> PRT

<213> Artificial

<220>

<223> Secuencia de Anticuerpo Humanizado

<220>

<221> MISC\_FEATURE

<223> Proteína de cadena liviana de largo completo de hsc57.32

<400> 112

# 7 - Listado de secuencias traducido

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

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

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

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

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

Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg Thr Val Ala Ala  
100 105 110

Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly  
115 120 125

Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu Ala  
130 135 140

Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser Gln  
145 150 155 160

Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu Ser  
165 170 175

Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val Tyr  
180 185 190

Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser  
195 200 205

Phe Asn Arg Gly Glu Cys  
210

<210> 113  
<211> 448  
<212> PRT  
<213> Artificial

<220>  
<223> Secuencia de Anticuerpo Humanizado

## 7 - Listado de secuencias traducido

<220>

<221> MISC\_FEATURE

<223> Proteína de cadena pesada de largo completo de hsc57.32

<400> 113

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

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

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

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

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

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

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

Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe  
115 120 125

Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu  
130 135 140

Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp  
145 150 155 160

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

Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser  
180 185 190

Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro  
195 200 205

Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp Lys  
210 215 220

## 7 - Listado de secuencias traducido

Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro  
225 230 235 240

Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser  
245 250 255

Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu Asp  
260 265 270

Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn  
275 280 285

Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val  
290 295 300

Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu  
305 310 315 320

Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys  
325 330 335

Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr  
340 345 350

Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr  
355 360 365

Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu  
370 375 380

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

Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys  
405 410 415

Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu  
420 425 430

Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly  
435 440 445

<210> 114

<211> 448

<212> PRT

<213> Artificial

<220>

# 7 - Listado de secuencias traducido

<223> Secuencia de Anticuerpo Humanizado

<220>

<221> MISC\_FEATURE

<223> Proteína de cadena pesada de largo completo de hsc57.32ss1

<400> 114

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

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

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

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

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

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

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

Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe  
115 120 125

Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu  
130 135 140

Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp  
145 150 155 160

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

Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser  
180 185 190

Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro  
195 200 205

Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Ser Asp Lys  
210 215 220

## 7 - Listado de secuencias traducido

Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro  
225 230 235 240

Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser  
245 250 255

Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu Asp  
260 265 270

Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn  
275 280 285

Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val  
290 295 300

Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu  
305 310 315 320

Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys  
325 330 335

Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr  
340 345 350

Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr  
355 360 365

Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu  
370 375 380

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

Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys  
405 410 415

Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu  
420 425 430

Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly  
435 440 445

<210> 115  
<211> 448  
<212> PRT  
<213> Artificial

# 7 - Listado de secuencias traducido

<220>

<223> Secuencia de Anticuerpo Humanizado

<220>

<221> MISC\_FEATURE

<223> Proteína de cadena pesada de largo completo de hSC57.32v1

<400> 115

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

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

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

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

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

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

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

Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe  
115 120 125

Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu  
130 135 140

Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp  
145 150 155 160

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

Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser  
180 185 190

Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro  
195 200 205

Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp Lys  
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210

215

220

Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro  
225 230 235 240

Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser  
245 250 255

Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu Asp  
260 265 270

Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn  
275 280 285

Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val  
290 295 300

Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu  
305 310 315 320

Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys  
325 330 335

Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr  
340 345 350

Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr  
355 360 365

Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu  
370 375 380

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

Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys  
405 410 415

Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu  
420 425 430

Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly  
435 440 445

<210> 116  
<211> 220  
<212> PRT  
<213> Artificial

## 7 - Listado de secuencias traducido

<220>

<223> Secuencia de Anticuerpo Humanizado

<220>

<221> MISC\_FEATURE

<223> Proteína de cadena liviana de largo completo de hsc57.43

<400> 116

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

Glu Arg Ala Thr Ile Asn Cys Arg Ser Ser Gln Ser Leu Val His Ser  
20 25 30

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

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

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

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

Thr His Val Pro Leu Tyr Thr Phe Gly Gly Gly Thr Lys Val Glu Ile  
100 105 110

Lys Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp  
115 120 125

Glu Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn  
130 135 140

Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu  
145 150 155 160

Gln Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp  
165 170 175

Ser Thr Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr  
180 185 190

Glu Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser  
195 200 205

7 - Listado de secuencias traducido  
 Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys  
 210 215 220

<210> 117  
 <211> 446  
 <212> PRT  
 <213> Artificial

<220>  
 <223> Secuencia de Anticuerpo Humanizado

<220>  
 <221> MISC\_FEATURE  
 <223> Proteína de cadena pesada de largo completo de hSC57.43

<400> 117

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

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

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

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

Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu  
 115 120 125

Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys  
 130 135 140

Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser  
 145 150 155 160

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

7 - Listado de secuencias traducido

Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser  
180 185 190

Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn  
195 200 205

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

Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly 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 Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu  
355 360 365

Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn  
370 375 380

Gly Gln 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 Asp Lys Ser Arg  
405 410 415

Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu  
420 425 430

## 7 - Listado de secuencias traducido

His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly  
 435 440 445

<210> 118  
 <211> 446  
 <212> PRT  
 <213> Artificial

<220>  
 <223> Secuencia de Anticuerpo Humanizado

<220>  
 <221> MISC\_FEATURE  
 <223> Proteína de cadena pesada de largo completo de hSC57.43ss1

<400> 118

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

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

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

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

Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu  
 115 120 125

Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys  
 130 135 140

Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser  
 145 150 155 160

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

## 7 - Listado de secuencias traducido

Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser  
 180 185 190  
 Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn  
 195 200 205  
 Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Ser Asp Lys Thr His  
 210 215 220  
 Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly 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 Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu  
 355 360 365  
 Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn  
 370 375 380  
 Gly Gln 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 Asp Lys Ser Arg  
 405 410 415  
 Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu  
 420 425 430

## 7 - Listado de secuencias traducido

His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly  
 435 440 445

<210> 119  
 <211> 11  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína CDRL1 de hSC57.5

<400> 119

Lys Ala Ser Gln Asp Val Tyr Ala Ala Val Ala  
 1 5 10

<210> 120  
 <211> 7  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína CDRL2 de hSC57.5

<400> 120

Trp Ala Ser Thr Arg His Ala  
 1 5

<210> 121  
 <211> 9  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína CDRL3 de hSC57.5

<400> 121

Gln Gln His Tyr Arg Thr Pro Trp Thr  
 1 5

<210> 122  
 <211> 5  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína CDRH1 de hSC57.5

## 7 - Listado de secuencias traducido

<400> 122

Asp Tyr Tyr Leu His  
1 5

<210> 123

<211> 17

<212> PRT

<213> Mus musculus

<220>

<221> MISC\_FEATURE

<223> proteína CDRH2 de hSC57.5

<400> 123

Arg Ile Asn Pro Tyr Asn Gly Ala Thr Ser Tyr Asn Gln Ile Phe Lys  
1 5 10 15

Asp

<210> 124

<211> 17

<212> PRT

<213> Mus musculus

<220>

<221> MISC\_FEATURE

<223> proteína CDRH2 de hSC57.5v1

<400> 124

Arg Ile Asn Pro Tyr Asn Ala Ala Thr Ser Tyr Asn Gln Ile Phe Lys  
1 5 10 15

Asp

<210> 125

<211> 9

<212> PRT

<213> Mus musculus

<220>

<221> MISC\_FEATURE

<223> proteína CDRH3 de hSC57.5

<400> 125

Gly Gly Asp Tyr Asp Phe Pro Trp Tyr  
1 5

## 7 - Listado de secuencias traducido

<210> 126  
 <211> 11  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína CDRL1 de hSC57.32

<400> 126

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

<210> 127  
 <211> 7  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína CDRL2 de hSC57.32

<400> 127

Tyr Thr Ser Arg Leu His Ser  
 1 5

<210> 128  
 <211> 9  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína CDRL3 de hSC57.32

<400> 128

Gln Gln Gly Asn Thr Leu Pro Pro Thr  
 1 5

<210> 129  
 <211> 5  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína CDRH1 de hSC57.32

<400> 129

Asn Tyr Arg Ile Glu  
 1 5

## 7 - Listado de secuencias traducido

<210> 130  
 <211> 17  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína CDRH2 de hSC57.32

<400> 130

Glu Ile Leu Pro Arg Gly Gly Asn Thr Asn Tyr Asn Glu Lys Phe Lys  
 1 5 10 15

Gly

<210> 131  
 <211> 10  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína CDRH3 de hSC57.32

<400> 131

Asp Asp Gly Tyr Tyr Gly Arg Phe Ala Tyr  
 1 5 10

<210> 132  
 <211> 16  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína CDRL1 de hSC57.43

<400> 132

Arg Ser Ser Gln Ser Leu Val His Ser Asn Gly Asn Thr Tyr Leu His  
 1 5 10 15

<210> 133  
 <211> 7  
 <212> PRT  
 <213> Mus musculus

<220>  
 <221> MISC\_FEATURE  
 <223> proteína CDRL2 de hSC57.43

## 7 - Listado de secuencias traducido

<400> 133

Lys Val Ser Asn Arg Phe Ser  
1 5

<210> 134

<211> 10

<212> PRT

<213> Mus musculus

<220>

<221> MISC\_FEATURE

<223> proteína CDRL3 de hSC57.43

<400> 134

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

<210> 135

<211> 5

<212> PRT

<213> Mus musculus

<220>

<221> MISC\_FEATURE

<223> proteína CDRH1 de hSC57.43

<400> 135

Ser Tyr Thr Met Ser  
1 5

<210> 136

<211> 17

<212> PRT

<213> Mus musculus

<220>

<221> MISC\_FEATURE

<223> proteína CDRH2 de hSC57.43

<400> 136

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

Gly

<210> 137

<211> 8

<212> PRT

<213> Mus musculus

## 7 - Listado de secuencias traducido

<220>

<221> MISC\_FEATURE

<223> proteína CDRH3 de hSC57.43

<400> 137

Gly Tyr Asp Trp Tyr Phe Asp Val  
1 5