

LISTADO DE SECUENCIAS

<110> Universität Zürich

<120> PROTEÍNAS INMUNODOMINANTES Y FRAGMENTOS EN ESCLEROSIS MÚLTIPLE

<130> 60 613 K

<150> EP18180326.3

<151> 2018-06-28

<160> 309

<170> PatentIn versión 3.5

<210> 1

<211> 321

<212> PRT

<213> Homo sapiens

<400> 1

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

Thr Asp Thr Ala Gln Thr Arg Ala Leu Phe Glu Lys Val Gln Pro Thr
50 55 60

His Val Ile His Leu Ala Ala Met Val Gly Gly Leu Phe Arg Asn Ile
65 70 75 80

Lys Tyr Asn Leu Asp Phe Trp Arg Lys Asn Val His Met Asn Asp Asn
85 90 95

Val Leu His Ser Ala Phe Glu Val Gly Ala Arg Lys Val Val Ser Cys
100 105 110

Leu Ser Thr Cys Ile Phe Pro Asp Lys Thr Thr Tyr Pro Ile Asp Glu
115 120 125

Thr Met Ile His Asn Gly Pro Pro His Asn Ser Asn Phe Gly Tyr Ser
130 135 140

2

Tyr Ala Lys Arg Met Ile Asp Val Gln Asn Arg Ala Tyr Phe Gln Gln
145 150 155 160

Tyr Gly Cys Thr Phe Thr Ala Val Ile Pro Thr Asn Val Phe Gly Pro
165 170 175

His Asp Asn Phe Asn Ile Glu Asp Gly His Val Leu Pro Gly Leu Ile
180 185 190

His Lys Val His Leu Ala Lys Ser Ser Gly Ser Ala Leu Thr Val Trp
195 200 205

Gly Thr Gly Asn Pro Arg Arg Gln Phe Ile Tyr Ser Leu Asp Leu Ala
210 215 220

Gln Leu Phe Ile Trp Val Leu Arg Glu Tyr Asn Glu Val Glu Pro Ile
225 230 235 240

Ile Leu Ser Val Gly Glu Glu Asp Glu Val Ser Ile Lys Glu Ala Ala
245 250 255

Glu Ala Val Val Glu Ala Met Asp Phe His Gly Glu Val Thr Phe Asp
260 265 270

Thr Thr Lys Ser Asp Gly Gln Phe Lys Lys Thr Ala Ser Asn Ser Lys
275 280 285

Leu Arg Thr Tyr Leu Pro Asp Phe Arg Phe Thr Pro Phe Lys Gln Ala
290 295 300

Val Lys Glu Thr Cys Ala Trp Phe Thr Asp Asn Tyr Glu Gln Ala Arg
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Lys

<210> 2
<211> 662
<212> PRT
<213> Homo sapiens

<400> 2

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1 5 10 15

Arg Pro Gly Arg Cys Gly Leu Leu Ala Ala Gly Pro Lys Arg Val Arg
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Ser Glu Pro Gly Gly Arg Leu Pro Glu Arg Ser Leu Gly Pro Ala His
 35 40 45

Pro Ala Pro Ala Ala Met Ala Gly Thr Leu Asp Leu Asp Lys Gly Cys
 50 55 60

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

Gly Lys Val Arg Asp Pro Gln Leu Val Arg Met Phe Leu Met Met His
 85 90 95

Pro Trp Tyr Ile Pro Ser Ser Gln Leu Ala Ala Lys Leu Leu His Ile
 100 105 110

Tyr Gln Gln Ser Arg Lys Asp Asn Ser Asn Ser Leu Gln Val Lys Thr
 115 120 125

Cys His Leu Val Arg Tyr Trp Ile Ser Ala Phe Pro Ala Glu Phe Asp
 130 135 140

Leu Asn Pro Glu Leu Ala Glu Gln Ile Lys Glu Leu Lys Ala Leu Leu
 145 150 155 160

Asp Gln Glu Gly Asn Arg Arg His Ser Ser Leu Ile Asp Ile Asp Ser
 165 170 175

Val Pro Thr Tyr Lys Trp Lys Arg Gln Val Thr Gln Arg Asn Pro Val
 180 185 190

Gly Gln Lys Lys Arg Lys Met Ser Leu Leu Phe Asp His Leu Glu Pro
 195 200 205

Met Glu Leu Ala Glu His Leu Thr Tyr Leu Glu Tyr Arg Ser Phe Cys
 210 215 220

Lys Ile Leu Phe Gln Asp Tyr His Ser Phe Val Thr His Gly Cys Thr
 225 230 235 240

Val Asp Asn Pro Val Leu Glu Arg Phe Ile Ser Leu Phe Asn Ser Val
 245 250 255

Ser Gln Trp Val Gln Leu Met Ile Leu Ser Lys Pro Thr Ala Pro Gln
 260 265 270

Arg Ala Leu Val Ile Thr His Phe Val His Val Ala Glu Lys Leu Leu
 275 280 285

Gln Leu Gln Asn Phe Asn Thr Leu Met Ala Val Val Gly Gly Leu Ser
 290 295 300

His Ser Ser Ile Ser Arg Leu Lys Glu Thr His Ser His Val Ser Pro
 305 310 315 320

Glu Thr Ile Lys Leu Trp Glu Gly Leu Thr Glu Leu Val Thr Ala Thr
 325 330 335

Gly Asn Tyr Gly Asn Tyr Arg Arg Arg Leu Ala Ala Cys Val Gly Phe
 340 345 350

Arg Phe Pro Ile Leu Gly Val His Leu Lys Asp Leu Val Ala Leu Gln
 355 360 365

Leu Ala Leu Pro Asp Trp Leu Asp Pro Ala Arg Thr Arg Leu Asn Gly
 370 375 380

Ala Lys Met Lys Gln Leu Phe Ser Ile Leu Glu Glu Leu Ala Met Val
 385 390 395 400

Thr Ser Leu Arg Pro Pro Val Gln Ala Asn Pro Asp Leu Leu Ser Leu
 405 410 415

Leu Thr Val Ser Leu Asp Gln Tyr Gln Thr Glu Asp Glu Leu Tyr Gln
 420 425 430

Leu Ser Leu Gln Arg Glu Pro Arg Ser Lys Ser Ser Pro Thr Ser Pro
 435 440 445

Thr Ser Cys Thr Pro Pro Pro Arg Pro Pro Val Leu Glu Glu Trp Thr
 450 455 460

5

Ser Ala Ala Lys Pro Lys Leu Asp Gln Ala Leu Val Val Glu His Ile
465 470 475 480

Glu Lys Met Val Glu Ser Val Phe Arg Asn Phe Asp Val Asp Gly Asp
485 490 495

Gly His Ile Ser Gln Glu Glu Phe Gln Ile Ile Arg Gly Asn Phe Pro
500 505 510

Tyr Leu Ser Ala Phe Gly Asp Leu Asp Gln Asn Gln Asp Gly Cys Ile
515 520 525

Ser Arg Glu Glu Met Val Ser Tyr Phe Leu Arg Ser Ser Ser Val Leu
530 535 540

Gly Gly Arg Met Gly Phe Val His Asn Phe Gln Glu Ser Asn Ser Leu
545 550 555 560

Arg Pro Val Ala Cys Arg His Cys Lys Ala Leu Ile Leu Gly Ile Tyr
565 570 575

Lys Gln Gly Leu Lys Cys Arg Ala Cys Gly Val Asn Cys His Lys Gln
580 585 590

Cys Lys Asp Arg Leu Ser Val Glu Cys Arg Arg Arg Ala Gln Ser Val
595 600 605

Ser Leu Glu Gly Ser Ala Pro Ser Pro Ser Pro Met His Ser His His
610 615 620

His Arg Ala Phe Ser Phe Ser Leu Pro Arg Pro Gly Arg Arg Gly Ser
625 630 635 640

Arg Pro Pro Glu Ile Arg Glu Glu Glu Val Gln Thr Val Glu Asp Gly
645 650 655

Val Phe Asp Ile His Leu
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<210> 3

<211> 797

<212> PRT

<213> Homo sapiens

<400> 3

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

Met Met Val Ser Leu Gly His Leu Ala Lys Gly Ala Ser Leu Asp Asp
 50 55 60

Leu Ile Asp Ser Cys Ile Gln Ser Phe Asp Ala Asp Gly Asn Leu Cys
 65 70 75 80

Arg Ser Asn Gln Leu Leu Gln Val Met Leu Thr Met His Arg Ile Val
 85 90 95

Ile Ser Ser Ala Glu Leu Leu Gln Lys Val Ile Thr Leu Tyr Lys Asp
 100 105 110

Ala Leu Ala Lys Asn Ser Pro Gly Leu Cys Leu Lys Ile Cys Tyr Phe
 115 120 125

Val Arg Tyr Trp Ile Thr Glu Phe Trp Val Met Phe Lys Met Asp Ala
 130 135 140

Ser Leu Thr Asp Thr Met Glu Glu Phe Gln Glu Leu Val Lys Ala Lys
 145 150 155 160

Gly Glu Glu Leu His Cys Arg Leu Ile Asp Thr Thr Gln Ile Asn Ala
 165 170 175

Arg Asp Trp Ser Arg Lys Leu Thr Gln Arg Ile Lys Ser Asn Thr Ser
 180 185 190

Lys Lys Arg Lys Val Ser Leu Leu Phe Asp His Leu Glu Pro Glu Glu
 195 200 205

Leu Ser Glu His Leu Thr Tyr Leu Glu Phe Lys Ser Phe Arg Arg Ile
 210 215 220

Ser Phe Ser Asp Tyr Gln Asn Tyr Leu Val Asn Ser Cys Val Lys Glu
225 230 235 240

Asn Pro Thr Met Glu Arg Ser Ile Ala Leu Cys Asn Gly Ile Ser Gln
245 250 255

Trp Val Gln Leu Met Val Leu Ser Arg Pro Thr Pro Gln Leu Arg Ala
260 265 270

Glu Val Phe Ile Lys Phe Ile Gln Val Ala Gln Lys Leu His Gln Leu
275 280 285

Gln Asn Phe Asn Thr Leu Met Ala Val Ile Gly Gly Leu Cys His Ser
290 295 300

Ser Ile Ser Arg Leu Lys Glu Thr Ser Ser His Val Pro His Glu Ile
305 310 315 320

Asn Lys Val Leu Gly Glu Met Thr Glu Leu Leu Ser Ser Ser Arg Asn
325 330 335

Tyr Asp Asn Tyr Arg Arg Ala Tyr Gly Glu Cys Thr Asp Phe Lys Ile
340 345 350

Pro Ile Leu Gly Val His Leu Lys Asp Leu Ile Ser Leu Tyr Glu Ala
355 360 365

Met Pro Asp Tyr Leu Glu Asp Gly Lys Val Asn Val His Lys Leu Leu
370 375 380

Ala Leu Tyr Asn His Ile Ser Glu Leu Val Gln Leu Gln Glu Val Ala
385 390 395 400

Pro Pro Leu Glu Ala Asn Lys Asp Leu Val His Leu Leu Thr Leu Ser
405 410 415

Leu Asp Leu Tyr Tyr Thr Glu Asp Glu Ile Tyr Glu Leu Ser Tyr Ala
420 425 430

Arg Glu Pro Arg Asn His Arg Ala Pro Pro Leu Thr Pro Ser Lys Pro
435 440 445

Pro Val Val Val Asp Trp Ala Ser Gly Val Ser Pro Lys Pro Asp Pro
 450 455 460

Lys Thr Ile Ser Lys His Val Gln Arg Met Val Asp Ser Val Phe Lys
 465 470 475 480

Asn Tyr Asp His Asp Gln Asp Gly Tyr Ile Ser Gln Glu Glu Phe Glu
 485 490 495

Lys Ile Ala Ala Ser Phe Pro Phe Ser Phe Cys Val Met Asp Lys Asp
 500 505 510

Arg Glu Gly Leu Ile Ser Arg Asp Glu Ile Thr Ala Tyr Phe Met Arg
 515 520 525

Ala Ser Ser Ile Tyr Ser Lys Leu Gly Leu Gly Phe Pro His Asn Phe
 530 535 540

Gln Glu Thr Thr Tyr Leu Lys Pro Thr Phe Cys Asp Asn Cys Ala Gly
 545 550 555 560

Phe Leu Trp Gly Val Ile Lys Gln Gly Tyr Arg Cys Lys Asp Cys Gly
 565 570 575

Met Asn Cys His Lys Gln Cys Lys Asp Leu Val Val Phe Glu Cys Lys
 580 585 590

Lys Arg Ala Lys Asn Pro Val Ala Pro Thr Glu Asn Asn Thr Ser Val
 595 600 605

Gly Pro Val Ser Asn Leu Cys Ser Leu Gly Ala Lys Asp Leu Leu His
 610 615 620

Ala Pro Glu Glu Gly Pro Phe Thr Phe Pro Asn Gly Glu Ala Val Glu
 625 630 635 640

His Gly Glu Glu Ser Lys Asp Arg Thr Ile Met Leu Met Gly Val Ser
 645 650 655

Ser Gln Lys Ile Ser Leu Arg Leu Lys Arg Ala Val Ala His Lys Ala
 660 665 670

Thr Gln Thr Glu Ser Gln Pro Trp Ile Gly Ser Glu Gly Pro Ser Gly
675 680 685

Pro Phe Val Leu Ser Ser Pro Arg Lys Thr Ala Gln Asp Thr Leu Tyr
690 695 700

Val Leu Pro Ser Pro Thr Ser Pro Cys Pro Ser Pro Val Leu Val Arg
705 710 715 720

Lys Arg Ala Phe Val Lys Trp Glu Asn Lys Asp Ser Leu Ile Lys Ser
725 730 735

Lys Glu Glu Leu Arg His Leu Arg Leu Pro Thr Tyr Gln Glu Leu Glu
740 745 750

Gln Glu Ile Asn Thr Leu Lys Ala Asp Asn Asp Ala Leu Lys Ile Gln
755 760 765

Leu Lys Tyr Ala Gln Lys Lys Ile Glu Ser Leu Gln Leu Glu Lys Ser
770 775 780

Asn His Val Leu Ala Gln Met Glu Gln Gly Asp Cys Ser
785 790 795

<210> 4
<211> 690
<212> PRT
<213> Homo sapiens

<400> 4

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

Tyr Leu Pro Arg Ile Val Leu Leu Met His Arg Trp Tyr Leu Ser Ser
35 40 45

Thr Glu Leu Ala Glu Lys Leu Leu Cys Met Tyr Arg Asn Ala Thr Gly
50 55 60

Glu Ser Cys Asn Glu Phe Arg Leu Lys Ile Cys Tyr Phe Met Arg Tyr
65 70 75 80

Trp Ile Leu Lys Phe Pro Ala Glu Phe Asn Leu Asp Leu Gly Leu Ile
85 90 95

Arg Met Thr Glu Glu Phe Arg Glu Val Ala Ser Gln Leu Gly Tyr Glu
100 105 110

Lys His Val Ser Leu Ile Asp Ile Ser Ser Ile Pro Ser Tyr Asp Trp
115 120 125

Met Arg Arg Val Thr Gln Arg Lys Lys Val Ser Lys Lys Gly Lys Ala
130 135 140

Cys Leu Leu Phe Asp His Leu Glu Pro Ile Glu Leu Ala Glu His Leu
145 150 155 160

Thr Phe Leu Glu His Lys Ser Phe Arg Arg Ile Ser Phe Thr Asp Tyr
165 170 175

Gln Ser Tyr Val Ile His Gly Cys Leu Glu Asn Asn Pro Thr Leu Glu
180 185 190

Arg Ser Ile Ala Leu Phe Asn Gly Ile Ser Lys Trp Val Gln Leu Met
195 200 205

Val Leu Ser Lys Pro Thr Pro Gln Gln Arg Ala Glu Val Ile Thr Lys
210 215 220

Phe Ile Asn Val Ala Lys Lys Leu Leu Gln Leu Lys Asn Phe Asn Thr
225 230 235 240

Leu Met Ala Val Val Gly Gly Leu Ser His Ser Ser Ile Ser Arg Leu
245 250 255

Lys Glu Thr His Ser His Leu Ser Ser Glu Val Thr Lys Asn Trp Asn
260 265 270

Glu Met Thr Glu Leu Val Ser Ser Asn Gly Asn Tyr Cys Asn Tyr Arg
275 280 285

Lys Ala Phe Ala Asp Cys Asp Gly Phe Lys Ile Pro Ile Leu Gly Val
290 295 300

His Leu Lys Asp Leu Ile Ala Val His Val Ile Phe Pro Asp Trp Thr
 305 310 315 320

Glu Glu Asn Lys Val Asn Ile Val Lys Met His Gln Leu Ser Val Thr
 325 330 335

Leu Ser Glu Leu Val Ser Leu Gln Asn Ala Ser His His Leu Glu Pro
 340 345 350

Asn Met Asp Leu Ile Asn Leu Leu Thr Leu Ser Leu Asp Leu Tyr His
 355 360 365

Thr Glu Asp Asp Ile Tyr Lys Leu Ser Leu Val Leu Glu Pro Arg Asn
 370 375 380

Ser Lys Ser Gln Pro Thr Ser Pro Thr Thr Pro Asn Lys Pro Val Val
 385 390 395 400

Pro Leu Glu Trp Ala Leu Gly Val Met Pro Lys Pro Asp Pro Thr Val
 405 410 415

Ile Asn Lys His Ile Arg Lys Leu Val Glu Ser Val Phe Arg Asn Tyr
 420 425 430

Asp His Asp His Asp Gly Tyr Ile Ser Gln Glu Asp Phe Glu Ser Ile
 435 440 445

Ala Ala Asn Phe Pro Phe Leu Asp Ser Phe Cys Val Leu Asp Lys Asp
 450 455 460

Gln Asp Gly Leu Ile Ser Lys Asp Glu Met Met Ala Tyr Phe Leu Arg
 465 470 475 480

Ala Lys Ser Gln Leu His Cys Lys Met Gly Pro Gly Phe Ile His Asn
 485 490 495

Phe Gln Glu Met Thr Tyr Leu Lys Pro Thr Phe Cys Glu His Cys Ala
 500 505 510

Gly Phe Leu Trp Gly Ile Ile Lys Gln Gly Tyr Lys Cys Lys Asp Cys
 515 520 525

Gly Ala Asn Cys His Lys Gln Cys Lys Asp Leu Leu Val Leu Ala Cys
 530 535 540

Arg Arg Phe Ala Arg Ala Pro Ser Leu Ser Ser Gly His Gly Ser Leu
 545 550 555 560

Pro Gly Ser Pro Ser Leu Pro Pro Ala Gln Asp Glu Val Phe Glu Phe
 565 570 575

Pro Gly Val Thr Ala Gly His Arg Asp Leu Asp Ser Arg Ala Ile Thr
 580 585 590

Leu Val Thr Gly Ser Ser Arg Lys Ile Ser Val Arg Leu Gln Arg Ala
 595 600 605

Thr Thr Ser Gln Ala Thr Gln Thr Glu Pro Val Trp Ser Glu Ala Gly
 610 615 620

Trp Gly Asp Ser Gly Ser His Thr Phe Pro Lys Met Lys Ser Lys Phe
 625 630 635 640

His Asp Lys Ala Ala Lys Asp Lys Gly Phe Ala Lys Trp Glu Asn Glu
 645 650 655

Lys Pro Arg Val His Ala Gly Val Asp Val Val Asp Arg Gly Thr Glu
 660 665 670

Phe Glu Leu Asp Gln Asp Glu Gly Glu Glu Thr Arg Gln Asp Gly Glu
 675 680 685

Asp Gly
 690

<210> 5
 <211> 673
 <212> PRT
 <213> Homo sapiens

<400> 5

Met Asn Arg Lys Asp Ser Lys Arg Lys Ser His Gln Glu Cys Thr Gly
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Lys Ile Gly Gly Arg Gly Arg Pro Arg Gln Val Arg Arg His Lys Thr
 20 25 30

Cys Pro Ser Pro Arg Glu Ile Ser Lys Val Met Ala Ser Met Asn Leu
 35 40 45

Gly Leu Leu Ser Glu Gly Gly Cys Ser Glu Asp Glu Leu Leu Glu Lys
 50 55 60

Cys Ile Gln Ser Phe Asp Ser Ala Gly Ser Leu Cys His Glu Asp His
 65 70 75 80

Met Leu Asn Met Val Leu Ala Met His Ser Trp Val Leu Pro Ser Ala
 85 90 95

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

Thr Gln Glu Leu Arg Arg Leu Gln Ile Cys His Leu Val Arg Tyr Trp
 115 120 125

Leu Met Arg His Pro Glu Val Met His Gln Asp Pro Gln Leu Glu Glu
 130 135 140

Val Ile Gly Arg Phe Trp Ala Thr Val Ala Arg Glu Gly Asn Ser Ala
 145 150 155 160

Gln Arg Arg Leu Gly Asp Ser Ser Asp Leu Leu Ser Pro Gly Gly Pro
 165 170 175

Gly Pro Pro Leu Pro Met Ser Ser Pro Gly Leu Gly Lys Lys Arg Lys
 180 185 190

Val Ser Leu Leu Phe Asp His Leu Glu Thr Gly Glu Leu Ala Gln His
 195 200 205

Leu Thr Tyr Leu Glu Phe Arg Ser Phe Gln Ala Ile Thr Pro Gln Asp
 210 215 220

Leu Arg Ser Tyr Val Leu Gln Gly Ser Val Arg Gly Cys Pro Ala Leu
 225 230 235 240

Glu Gly Ser Val Gly Leu Ser Asn Ser Val Ser Arg Trp Val Gln Val
 245 250 255

Met Val Leu Ser Arg Pro Gly Pro Leu Gln Arg Ala Gln Val Leu Asp
 260 265 270

Lys Phe Ile His Val Ala Gln Arg Leu His Gln Leu Gln Asn Phe Asn
 275 280 285

Thr Leu Met Ala Val Thr Gly Gly Leu Cys His Ser Ala Ile Ser Arg
 290 295 300

Leu Lys Asp Ser His Ala His Leu Ser Pro Asp Ser Thr Lys Ala Leu
 305 310 315 320

Leu Glu Leu Thr Glu Leu Leu Ala Ser His Asn Asn Tyr Ala Arg Tyr
 325 330 335

Arg Arg Thr Trp Ala Gly Cys Ala Gly Phe Arg Leu Pro Val Leu Gly
 340 345 350

Val His Leu Lys Asp Leu Val Ser Leu His Glu Ala Gln Pro Asp Arg
 355 360 365

Leu Pro Asp Gly Arg Leu His Leu Pro Lys Leu Asn Asn Leu Tyr Leu
 370 375 380

Arg Leu Gln Glu Leu Val Ala Leu Gln Gly Gln His Pro Pro Cys Ser
 385 390 395 400

Ala Asn Glu Asp Leu Leu His Leu Leu Thr Leu Ser Leu Asp Leu Phe
 405 410 415

Tyr Thr Glu Asp Glu Ile Tyr Glu Leu Ser Tyr Ala Arg Glu Pro Arg
 420 425 430

Cys Pro Lys Ser Leu Pro Pro Ser Pro Phe Asn Ala Pro Leu Val Val
 435 440 445

Glu Trp Ala Pro Gly Val Thr Pro Lys Pro Asp Arg Val Thr Leu Gly
 450 455 460

Arg His Val Glu Gln Leu Val Glu Ser Val Phe Lys Asn Tyr Asp Pro
 465 470 475 480

Glu Gly Arg Gly Thr Ile Ser Gln Glu Asp Phe Glu Arg Leu Ser Gly
 485 490 495

Asn Phe Pro Phe Ala Cys His Gly Leu His Pro Pro Pro Arg Gln Gly
 500 505 510

Arg Gly Ser Phe Ser Arg Glu Glu Leu Thr Gly Tyr Leu Leu Arg Ala
 515 520 525

Ser Ala Ile Cys Ser Lys Leu Gly Leu Ala Phe Leu His Thr Phe His
 530 535 540

Glu Val Thr Phe Arg Lys Pro Thr Phe Cys Asp Ser Cys Ser Gly Phe
 545 550 555 560

Leu Trp Gly Val Thr Lys Gln Gly Tyr Arg Cys Arg Glu Cys Gly Leu
 565 570 575

Cys Cys His Lys His Cys Arg Asp Gln Val Lys Val Glu Cys Lys Lys
 580 585 590

Arg Pro Gly Ala Lys Gly Asp Ala Gly Pro Pro Gly Ala Pro Val Pro
 595 600 605

Ser Thr Pro Ala Pro His Ala Ser Cys Gly Ser Glu Glu Asn His Ser
 610 615 620

Tyr Thr Leu Ser Leu Glu Pro Glu Thr Gly Cys Gln Leu Arg His Ala
 625 630 635 640

Trp Thr Gln Thr Glu Ser Pro His Pro Ser Trp Glu Thr Asp Thr Val
 645 650 655

Pro Cys Pro Val Met Asp Pro Pro Ser Thr Ala Ser Ser Lys Leu Asp
 660 665 670

Ser

<210> 6
 <211> 609
 <212> PRT
 <213> Homo sapiens

<400> 6

Met Ala Gly Thr Leu Asp Leu Asp Lys Gly Cys Thr Val Glu Glu Leu
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Leu Arg Gly Cys Ile Glu Ala Phe Asp Asp Ser Gly Lys Val Arg Asp
 20 25 30

Pro Gln Leu Val Arg Met Phe Leu Met Met His Pro Trp Tyr Ile Pro
 35 40 45

Ser Ser Gln Leu Ala Ala Lys Leu Leu His Ile Tyr Gln Gln Ser Arg
 50 55 60

Lys Asp Asn Ser Asn Ser Leu Gln Val Lys Thr Cys His Leu Val Arg
 65 70 75 80

Tyr Trp Ile Ser Ala Phe Pro Ala Glu Phe Asp Leu Asn Pro Glu Leu
 85 90 95

Ala Glu Gln Ile Lys Glu Leu Lys Ala Leu Leu Asp Gln Glu Gly Asn
 100 105 110

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

Trp Lys Arg Gln Val Thr Gln Arg Asn Pro Val Gly Gln Lys Lys Arg
 130 135 140

Lys Met Ser Leu Leu Phe Asp His Leu Glu Pro Met Glu Leu Ala Glu
 145 150 155 160

His Leu Thr Tyr Leu Glu Tyr Arg Ser Phe Cys Lys Ile Leu Phe Gln
 165 170 175

Asp Tyr His Ser Phe Val Thr His Gly Cys Thr Val Asp Asn Pro Val
 180 185 190

Leu Glu Arg Phe Ile Ser Leu Phe Asn Ser Val Ser Gln Trp Val Gln
 195 200 205

Leu Met Ile Leu Ser Lys Pro Thr Ala Pro Gln Arg Ala Leu Val Ile
 210 215 220

Thr His Phe Val His Val Ala Glu Lys Leu Leu Gln Leu Gln Asn Phe
225 230 235 240

Asn Thr Leu Met Ala Val Val Gly Gly Leu Ser His Ser Ser Ile Ser
245 250 255

Arg Leu Lys Glu Thr His Ser His Val Ser Pro Glu Thr Ile Lys Leu
260 265 270

Trp Glu Gly Leu Thr Glu Leu Val Thr Ala Thr Gly Asn Tyr Gly Asn
275 280 285

Tyr Arg Arg Arg Leu Ala Ala Cys Val Gly Phe Arg Phe Pro Ile Leu
290 295 300

Gly Val His Leu Lys Asp Leu Val Ala Leu Gln Leu Ala Leu Pro Asp
305 310 315 320

Trp Leu Asp Pro Ala Arg Thr Arg Leu Asn Gly Ala Lys Met Lys Gln
325 330 335

Leu Phe Ser Ile Leu Glu Glu Leu Ala Met Val Thr Ser Leu Arg Pro
340 345 350

Pro Val Gln Ala Asn Pro Asp Leu Leu Ser Leu Leu Thr Val Ser Leu
355 360 365

Asp Gln Tyr Gln Thr Glu Asp Glu Leu Tyr Gln Leu Ser Leu Gln Arg
370 375 380

Glu Pro Arg Ser Lys Ser Ser Pro Thr Ser Pro Thr Ser Cys Thr Pro
385 390 395 400

Pro Pro Arg Pro Pro Val Leu Glu Glu Trp Thr Ser Ala Ala Lys Pro
405 410 415

Lys Leu Asp Gln Ala Leu Val Val Glu His Ile Glu Lys Met Val Glu
420 425 430

Ser Val Phe Arg Asn Phe Asp Val Asp Gly Asp Gly His Ile Ser Gln
435 440 445

Glu Glu Phe Gln Ile Ile Arg Gly Asn Phe Pro Tyr Leu Ser Ala Phe
 450 455 460

Gly Asp Leu Asp Gln Asn Gln Asp Gly Cys Ile Ser Arg Glu Glu Met
 465 470 475 480

Val Ser Tyr Phe Leu Arg Ser Ser Ser Val Leu Gly Gly Arg Met Gly
 485 490 495

Phe Val His Asn Phe Gln Glu Ser Asn Ser Leu Arg Pro Val Ala Cys
 500 505 510

Arg His Cys Lys Ala Leu Ile Leu Gly Ile Tyr Lys Gln Gly Leu Lys
 515 520 525

Cys Arg Ala Cys Gly Val Asn Cys His Lys Gln Cys Lys Asp Arg Leu
 530 535 540

Ser Val Glu Cys Arg Arg Arg Ala Gln Ser Val Ser Leu Glu Gly Ser
 545 550 555 560

Ala Pro Ser Pro Ser Pro Met His Ser His His His Arg Ala Phe Ser
 565 570 575

Phe Ser Leu Pro Arg Pro Gly Arg Arg Gly Ser Arg Pro Pro Glu Ile
 580 585 590

Arg Glu Glu Glu Val Gln Thr Val Glu Asp Gly Val Phe Asp Ile His
 595 600 605

Leu

<210> 7
 <211> 671
 <212> PRT
 <213> Homo sapiens

<400> 7

Met Gly Thr Gln Arg Leu Cys Gly Arg Gly Thr Gln Gly Trp Pro Gly
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 20 25 30

Ser Gly Val Asp Glu Leu Gly Val Arg Ser Glu Pro Gly Gly Arg Leu
 35 40 45
 Pro Glu Arg Ser Leu Gly Pro Ala His Pro Ala Pro Ala Ala Met Ala
 50 55 60
 Gly Thr Leu Asp Leu Asp Lys Gly Cys Thr Val Glu Glu Leu Leu Arg
 65 70 75 80
 Gly Cys Ile Glu Ala Phe Asp Asp Ser Gly Lys Val Arg Asp Pro Gln
 85 90 95
 Leu Val Arg Met Phe Leu Met Met His Pro Trp Tyr Ile Pro Ser Ser
 100 105 110
 Gln Leu Ala Ala Lys Leu Leu His Ile Tyr Gln Gln Ser Arg Lys Asp
 115 120 125
 Asn Ser Asn Ser Leu Gln Val Lys Thr Cys His Leu Val Arg Tyr Trp
 130 135 140
 Ile Ser Ala Phe Pro Ala Glu Phe Asp Leu Asn Pro Glu Leu Ala Glu
 145 150 155 160
 Gln Ile Lys Glu Leu Lys Ala Leu Leu Asp Gln Glu Gly Asn Arg Arg
 165 170 175
 His Ser Ser Leu Ile Asp Ile Asp Ser Val Pro Thr Tyr Lys Trp Lys
 180 185 190
 Arg Gln Val Thr Gln Arg Asn Pro Val Gly Gln Lys Lys Arg Lys Met
 195 200 205
 Ser Leu Leu Phe Asp His Leu Glu Pro Met Glu Leu Ala Glu His Leu
 210 215 220
 Thr Tyr Leu Glu Tyr Arg Ser Phe Cys Lys Ile Leu Phe Gln Asp Tyr
 225 230 235 240
 His Ser Phe Val Thr His Gly Cys Thr Val Asp Asn Pro Val Leu Glu
 245 250 255

Arg Phe Ile Ser Leu Phe Asn Ser Val Ser Gln Trp Val Gln Leu Met
 260 265 270

Ile Leu Ser Lys Pro Thr Ala Pro Gln Arg Ala Leu Val Ile Thr His
 275 280 285

Phe Val His Val Ala Glu Lys Leu Leu Gln Leu Gln Asn Phe Asn Thr
 290 295 300

Leu Met Ala Val Val Gly Gly Leu Ser His Ser Ser Ile Ser Arg Leu
 305 310 315 320

Lys Glu Thr His Ser His Val Ser Pro Glu Thr Ile Lys Leu Trp Glu
 325 330 335

Gly Leu Thr Glu Leu Val Thr Ala Thr Gly Asn Tyr Gly Asn Tyr Arg
 340 345 350

Arg Arg Leu Ala Ala Cys Val Gly Phe Arg Phe Pro Ile Leu Gly Val
 355 360 365

His Leu Lys Asp Leu Val Ala Leu Gln Leu Ala Leu Pro Asp Trp Leu
 370 375 380

Asp Pro Ala Arg Thr Arg Leu Asn Gly Ala Lys Met Lys Gln Leu Phe
 385 390 395 400

Ser Ile Leu Glu Glu Leu Ala Met Val Thr Ser Leu Arg Pro Pro Val
 405 410 415

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

Tyr Gln Thr Glu Asp Glu Leu Tyr Gln Leu Ser Leu Gln Arg Glu Pro
 435 440 445

Arg Ser Lys Ser Ser Pro Thr Ser Pro Thr Ser Cys Thr Pro Pro Pro
 450 455 460

Arg Pro Pro Val Leu Glu Glu Trp Thr Ser Ala Ala Lys Pro Lys Leu
 465 470 475 480

21

Asp Gln Ala Leu Val Val Glu His Ile Glu Lys Met Val Glu Ser Val
485 490 495

Phe Arg Asn Phe Asp Val Asp Gly Asp Gly His Ile Ser Gln Glu Glu
500 505 510

Phe Gln Ile Ile Arg Gly Asn Phe Pro Tyr Leu Ser Ala Phe Gly Asp
515 520 525

Leu Asp Gln Asn Gln Asp Gly Cys Ile Ser Arg Glu Glu Met Val Ser
530 535 540

Tyr Phe Leu Arg Ser Ser Ser Val Leu Gly Gly Arg Met Gly Phe Val
545 550 555 560

His Asn Phe Gln Glu Ser Asn Ser Leu Arg Pro Val Ala Cys Arg His
565 570 575

Cys Lys Ala Leu Ile Leu Gly Ile Tyr Lys Gln Gly Leu Lys Cys Arg
580 585 590

Ala Cys Gly Val Asn Cys His Lys Gln Cys Lys Asp Arg Leu Ser Val
595 600 605

Glu Cys Arg Arg Arg Ala Gln Ser Val Ser Leu Glu Gly Ser Ala Pro
610 615 620

Ser Pro Ser Pro Met His Ser His His His Arg Ala Phe Ser Phe Ser
625 630 635 640

Leu Pro Arg Pro Gly Arg Arg Gly Ser Arg Pro Pro Glu Ile Arg Glu
645 650 655

Glu Glu Val Gln Thr Val Glu Asp Gly Val Phe Asp Ile His Leu
660 665 670

<210> 8
<211> 144
<212> PRT
<213> Homo sapiens

<400> 8

Met Ala Gly Thr Leu Asp Leu Asp Lys Gly Cys Thr Val Glu Glu Leu
1 5 10 15

22

Leu Arg Gly Cys Ile Glu Ala Phe Asp Asp Ser Gly Lys Val Arg Asp
20 25 30

Pro Gln Leu Val Arg Met Phe Leu Met Met His Pro Trp Tyr Ile Pro
35 40 45

Ser Ser Gln Leu Ala Ala Lys Leu Leu His Ile Tyr Gln Gln Ser Arg
50 55 60

Lys Asp Asn Ser Asn Ser Leu Gln Val Lys Thr Cys His Leu Val Arg
65 70 75 80

Tyr Trp Ile Ser Ala Phe Pro Ala Glu Phe Asp Leu Asn Pro Glu Leu
85 90 95

Ala Glu Gln Ile Lys Glu Leu Lys Ala Leu Leu Asp Gln Glu Gly Asn
100 105 110

Arg Arg His Ser Ser Leu Ile Asp Ile Asp Ser Val Cys Val Gly Ala
115 120 125

Glu His Arg Gly Leu Gly Gly His Ser Val Ser Tyr Thr Ile Cys Ala
130 135 140

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Met Ala Gly Thr Leu Asp Leu Asp Lys Gly Cys Thr Val Glu Glu Leu
1 5 10 15

Leu Arg Gly Cys Ile Glu Ala Phe Asp Asp Ser Gly Lys Val Arg Asp
20 25 30

Pro Gln Leu Val Arg Met Phe Leu Met Met His Pro Trp Tyr Ile Pro
35 40 45

Ser Ser Gln Leu Ala Ala Lys Leu Leu His Ile Tyr Gln Gln Ser Arg
50 55 60

Lys Asp Asn Ser Asn Ser Leu Gln Val Lys Thr Cys His Leu Val Arg
65 70 75 80

Tyr Trp Ile Ser Ala Phe Pro Ala Glu Phe Asp Leu Asn Pro Glu Leu
 85 90 95

Ala Glu Gln Ile Lys Glu Leu Lys Ala Leu Leu Asp Gln Glu Gly Asn
 100 105 110

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

Trp Lys Arg Gln Val Thr Gln Arg Asn Pro Val Gly Gln Lys Lys Arg
 130 135 140

Lys Met Ser Leu Leu Phe Asp His Leu Glu Pro Met Glu Leu Ala Glu
 145 150 155 160

His Leu Thr Tyr Leu Glu Tyr Arg Ser Phe Cys Lys Ile Leu Phe Gln
 165 170 175

Asp Tyr His Ser Phe Val Thr His Gly Cys Thr Val Asp Asn Pro Val
 180 185 190

Leu Glu Arg Phe Ile Ser Leu Phe Asn Ser Val Ser Gln Trp Val Gln
 195 200 205

Leu Met Ile Leu Ser Lys Pro Thr Ala Pro Gln Arg Ala Leu Val Ile
 210 215 220

Thr His Phe Val His Val Ala Glu Lys Leu Leu Gln Leu Gln Asn Phe
 225 230 235 240

Asn Thr Leu Met Ala Val Val Gly Gly Leu Ser His Ser Ser Ile Ser
 245 250 255

Arg Leu Lys Glu Thr His Ser His Val Ser Pro Glu Thr Ile Lys Leu
 260 265 270

Trp Glu Gly Leu Thr Glu Leu Val Thr Ala Thr Gly Asn Tyr Gly Asn
 275 280 285

Tyr Arg Arg Arg Leu Ala Ala Cys Val Gly Phe Arg Phe Pro Ile Leu
 290 295 300

Gly Val His Leu Lys Asp Leu Val Ala Leu Gln Leu Ala Leu Pro Asp
 305 310 315 320

Trp Leu Asp Pro Ala Arg Thr Arg Leu Asn Gly Ala Lys Met Lys Gln
 325 330 335

Leu Phe Ser Ile Leu Glu Glu Leu Ala Met Val Thr Ser Leu Arg Pro
 340 345 350

Pro Val Gln Ala Asn Pro Asp Leu Leu Ser Leu Leu Thr Val Ser Leu
 355 360 365

Asp Gln Tyr Gln Thr Glu Asp Glu Leu Tyr Gln Leu Ser Leu Gln Arg
 370 375 380

Glu Pro Arg Ser Lys Ser Ser Pro Thr Ser Pro Thr Ser Cys Thr Pro
 385 390 395 400

Pro Pro Arg Pro Pro Val Leu Glu Glu Trp Thr Ser Ala Ala Lys Pro
 405 410 415

Lys Leu Asp Gln Ala Leu Val Val Glu His Ile Glu Lys Met Val Glu
 420 425 430

Ser Val Phe Arg Asn Phe Asp Val Asp Gly Asp Gly His Ile Ser Gln
 435 440 445

Glu Glu Phe Gln Ile Ile Arg Gly Asn Phe Pro Tyr Leu Ser Ala Phe
 450 455 460

Gly Asp Leu Asp Gln Asn Gln Asp Gly Cys Ile Ser Arg Glu Glu Met
 465 470 475 480

Val Ser Tyr Phe Leu Arg Ser Ser Ser Val Leu Gly Gly Arg Met Gly
 485 490 495

Phe Val His Asn Phe Gln Glu Ser Asn Ser Leu Arg Pro Val Ala Cys
 500 505 510

Arg His Cys Lys Ala Leu Ile Leu Gly Ile Tyr Lys Gln Gly Leu Lys
 515 520 525

25

Cys Arg Ala Cys Gly Val Asn Cys His Lys Gln Cys Lys Asp Arg Leu
530 535 540

Ser Val Glu Cys Arg Arg Arg Ala Gln Ser Val Ser Leu Glu Gly Ser
545 550 555 560

Ala Pro Ser Pro Ser Pro Met His Ser His His His Arg Ala Phe Ser
565 570 575

Phe Ser Leu Pro Arg Pro Gly Arg Arg Gly Ser Arg Pro Pro Ala Glu
580 585 590

Ile Arg Glu Glu Glu Val Gln Thr Val Glu Asp Gly Val Phe Asp Ile
595 600 605

His Leu
610

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

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<213> Homo sapiens

<400> 11

Val Val Ala Asp Gly Ala Gly Leu Pro Gly Glu Asp Trp Val Phe
1 5 10 15

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<211> 15
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<213> Homo sapiens

<400> 12

Thr Ala Gln Thr Arg Ala Leu Phe Glu Lys Val Gln Pro Thr His
1 5 10 15

<210> 13
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<400> 13

Leu Phe Arg Asn Ile Lys Tyr Asn Leu Asp Phe Trp Arg Lys Asn
 1 5 10 15

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<400> 14

Val His Met Asn Asp Asn Val Leu His Ser Ala Phe Glu Val Gly
 1 5 10 15

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Asp Asn Val Leu His Ser Ala Phe Glu Val
 1 5 10

<210> 16
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Asn Val Leu His Ser Ala Phe Glu Val Gly
 1 5 10

<210> 17
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<400> 17

Asn Val Leu His Ser Ala Phe Glu Val Gly Ala Arg Lys Val Val
 1 5 10 15

<210> 18
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 <213> Homo sapiens

<400> 18

Val Leu His Ser Ala Phe Glu Val Gly Ala
 1 5 10

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<400> 19

Lys Thr Thr Tyr Pro Ile Asp Glu Thr Met Ile His Asn Gly Pro
 1 5 10 15

<210> 20
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Ile His Asn Gly Pro Pro His Asn Ser Asn Phe Gly Tyr Ser Tyr
 1 5 10 15

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<400> 21

Pro His Asn Ser Asn Phe Gly Tyr Ser Tyr Ala Lys Arg Met Ile
 1 5 10 15

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<400> 22

Ala Tyr Phe Gln Gln Tyr Gly Cys Thr Phe Thr Ala Val Ile Pro
 1 5 10 15

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 <213> Homo sapiens

<400> 23

Tyr	Gly	Cys	Thr	Phe	Thr	Ala	Val	Ile	Pro	Thr	Asn	Val	Phe	Gly
1				5					10					15

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<212> PRT

<213> Homo sapiens

<400> 24

Leu	Phe	Ile	Trp	Val	Leu	Arg	Glu	Tyr	Asn	Glu	Val	Glu	Pro	Ile
1				5					10					15

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<212> PRT

<213> Homo sapiens

<400> 25

Leu	Arg	Glu	Tyr	Asn	Glu	Val	Glu	Pro	Ile	Ile	Leu	Ser	Val	Gly
1				5					10					15

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<213> Homo sapiens

<400> 26

Glu	Val	Glu	Pro	Ile	Ile	Leu	Ser	Val	Gly	Glu	Glu	Asp	Glu	Val
1				5					10					15

<210> 27

<211> 15

<212> PRT

<213> Homo sapiens

<400> 27

Ile	Leu	Ser	Val	Gly	Glu	Glu	Asp	Glu	Val	Ser	Ile	Lys	Glu	Ala
1				5					10					15

<210> 28

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<213> Homo sapiens

<400> 28

29

Glu Glu Asp Glu Val Ser Ile Lys Glu Ala Ala Glu Ala Val Val
1 5 10 15

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

<400> 29

Ser Ile Lys Glu Ala Ala Glu Ala Val Val Glu Ala Met Asp Phe
1 5 10 15

<210> 30
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<212> PRT
<213> Homo sapiens

<400> 30

Ala Glu Ala Val Val Glu Ala Met Asp Phe His Gly Glu Val Thr
1 5 10 15

<210> 31
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<213> Homo sapiens

<400> 31

Phe Asp Thr Thr Lys Ser Asp Gly Gln Phe Lys Lys Thr Ala Ser
1 5 10 15

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

<400> 32

Phe Arg Phe Thr Pro Phe Lys Gln Ala Val Lys Glu Thr Cys Ala
1 5 10 15

<210> 33
<211> 10
<212> PRT
<213> Homo sapiens

<400> 33

Leu Val Arg Tyr Trp Ile Ser Ala Phe Pro
1 5 10

30

<210> 34
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<212> PRT
<213> Homo sapiens

<400> 34

Phe Val Arg Tyr Trp Ile Thr Glu Phe Trp
1 5 10

<210> 35
<211> 10
<212> PRT
<213> Homo sapiens

<400> 35

Phe Met Arg Tyr Trp Ile Leu Lys Phe Pro
1 5 10

<210> 36
<211> 23
<212> PRT
<213> Homo sapiens

<400> 36

Leu Leu Phe Asp His Leu Glu Pro Met Glu Leu Ala Glu His Leu Thr
1 5 10 15

Tyr Leu Glu Tyr Arg Ser Phe
20

<210> 37
<211> 28
<212> PRT
<213> Homo sapiens

<400> 37

Asn Phe Asn Thr Leu Met Ala Val Val Gly Gly Leu Ser His Ser Ser
1 5 10 15

Ile Ser Arg Leu Lys Glu Thr His Ser His Val Ser
20 25

<210> 38
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<400> 38

Pro Ala Ala Met Ala Gly Thr Leu Asp Leu Asp Lys Gly Cys Thr
1 5 10 15

<210> 39

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<400> 39

Asp Lys Gly Cys Thr Val Glu Glu Leu Leu Arg Gly Cys Ile Glu
1 5 10 15

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<400> 40

Arg Gly Cys Ile Glu Ala Phe Asp Asp Ser Gly Lys Val Arg Asp
1 5 10 15

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<400> 41

Gly Lys Val Arg Asp Pro Gln Leu Val Arg Met Phe Leu Met Met
1 5 10 15

<210> 42

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<213> Homo sapiens

<400> 42

Met Phe Leu Met Met His Pro Trp Tyr Ile Pro Ser Ser Gln Leu
1 5 10 15

<210> 43

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<212> PRT

<213> Homo sapiens

<400> 43

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

<210> 44

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<213> Homo sapiens

<400> 44

His Ile Tyr Gln Gln Ser Arg Lys Asp Asn Ser Asn Ser Leu Gln
 1 5 10 15

<210> 45

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<213> Homo sapiens

<400> 45

Ser Asn Ser Leu Gln Val Lys Thr Cys His Leu Val Arg Tyr Trp
 1 5 10 15

<210> 46

<211> 15

<212> PRT

<213> Homo sapiens

<400> 46

Leu Val Arg Tyr Trp Ile Ser Ala Phe Pro Ala Glu Phe Asp Leu
 1 5 10 15

<210> 47

<211> 15

<212> PRT

<213> Homo sapiens

<400> 47

Ala Glu Phe Asp Leu Asn Pro Glu Leu Ala Glu Gln Ile Lys Glu
 1 5 10 15

<210> 48

<211> 15

<212> PRT

<213> Homo sapiens

<400> 48

Glu Gln Ile Lys Glu Leu Lys Ala Leu Leu Asp Gln Glu Gly Asn
 1 5 10 15

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

<400> 49

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

<210> 50
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 <213> Homo sapiens

<400> 50

Leu	Ile	Asp	Ile	Asp	Ser	Val	Pro	Thr	Tyr	Lys	Trp	Lys	Arg	Gln
1				5					10					15

<210> 51
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 <213> Homo sapiens

<400> 51

Lys	Trp	Lys	Arg	Gln	Val	Thr	Gln	Arg	Asn	Pro	Val	Gly	Gln	Lys
1				5					10					15

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

<400> 52

Pro	Val	Gly	Gln	Lys	Lys	Arg	Lys	Met	Ser	Leu	Leu	Phe	Asp	His
1				5					10					15

<210> 53
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<400> 53

Leu	Leu	Phe	Asp	His	Leu	Glu	Pro	Met	Glu	Leu	Ala	Glu	His	Leu
1				5					10					15

<210> 54
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<212> PRT
 <213> Homo sapiens

<400> 54

Leu	Ala	Glu	His	Leu	Thr	Tyr	Leu	Glu	Tyr	Arg	Ser	Phe	Cys	Lys
1				5					10					15

<210> 55
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 <212> PRT
 <213> Homo sapiens

<400> 55

Arg	Ser	Phe	Cys	Lys	Ile	Leu	Phe	Gln	Asp	Tyr	His	Ser	Phe	Val
1				5					10					15

<210> 56
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 <213> Homo sapiens

<400> 56

Tyr	His	Ser	Phe	Val	Thr	His	Gly	Cys	Thr	Val	Asp	Asn	Pro	Val
1				5					10					15

<210> 57
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 <213> Homo sapiens

<400> 57

Val	Asp	Asn	Pro	Val	Leu	Glu	Arg	Phe	Ile	Ser	Leu	Phe	Asn	Ser
1				5					10					15

<210> 58
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 <213> Homo sapiens

<400> 58

Ser	Leu	Phe	Asn	Ser	Val	Ser	Gln	Trp	Val	Gln	Leu	Met	Ile	Leu
1				5					10					15

<210> 59
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 <213> Homo sapiens

<400> 59

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

<210> 60

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<212> PRT

<213> Homo sapiens

<400> 60

Pro	Gln	Arg	Ala	Leu	Val	Ile	Thr	His	Phe	Val	His	Val	Ala	Glu
1				5					10					15

<210> 61

<211> 15

<212> PRT

<213> Homo sapiens

<400> 61

Val	His	Val	Ala	Glu	Lys	Leu	Leu	Gln	Leu	Gln	Asn	Phe	Asn	Thr
1				5					10					15

<210> 62

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<212> PRT

<213> Homo sapiens

<400> 62

Gln	Asn	Phe	Asn	Thr	Leu	Met	Ala	Val	Val	Gly	Gly	Leu	Ser	His
1				5					10					15

<210> 63

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<212> PRT

<213> Homo sapiens

<400> 63

Gly	Gly	Leu	Ser	His	Ser	Ser	Ile	Ser	Arg	Leu	Lys	Glu	Thr	His
1				5					10					15

<210> 64

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<213> Homo sapiens

<400> 64

Leu Lys Glu Thr His Ser His Val Ser Pro Glu Thr Ile Lys Leu
 1 5 10 15

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 <213> Homo sapiens

<400> 65

Glu Thr Ile Lys Leu Trp Glu Gly Leu Thr Glu Leu Val Thr Ala
 1 5 10 15

<210> 66
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 <213> Homo sapiens

<400> 66

Glu Leu Val Thr Ala Thr Gly Asn Tyr Gly Asn Tyr Arg Arg Arg
 1 5 10 15

<210> 67
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 <213> Homo sapiens

<400> 67

Asn Tyr Arg Arg Arg Leu Ala Ala Cys Val Gly Phe Arg Phe Pro
 1 5 10 15

<210> 68
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 <213> Homo sapiens

<400> 68

Gly Phe Arg Phe Pro Ile Leu Gly Val His Leu Lys Asp Leu Val
 1 5 10 15

<210> 69
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 <213> Homo sapiens

<400> 69

Leu Lys Asp Leu Val Ala Leu Gln Leu Ala Leu Pro Asp Trp Leu
 1 5 10 15

<210> 70
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<400> 70

Leu	Pro	Asp	Trp	Leu	Asp	Pro	Ala	Arg	Thr	Arg	Leu	Asn	Gly	Ala
1				5					10					15

<210> 71
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Arg	Leu	Asn	Gly	Ala	Lys	Met	Lys	Gln	Leu	Phe	Ser	Ile	Leu	Glu
1				5					10					15

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<400> 72

Phe	Ser	Ile	Leu	Glu	Glu	Leu	Ala	Met	Val	Thr	Ser	Leu	Arg	Pro
1				5					10					15

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Thr	Ser	Leu	Arg	Pro	Pro	Val	Gln	Ala	Asn	Pro	Asp	Leu	Leu	Ser
1				5					10					15

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<400> 74

Pro	Asp	Leu	Leu	Ser	Leu	Leu	Thr	Val	Ser	Leu	Asp	Gln	Tyr	Gln
1				5					10					15

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Leu	Asp	Gln	Tyr	Gln	Thr	Glu	Asp	Glu	Leu	Tyr	Gln	Leu	Ser	Leu
1				5					10					15

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 <213> Homo sapiens

<400> 76

Tyr	Gln	Leu	Ser	Leu	Gln	Arg	Glu	Pro	Arg	Ser	Lys	Ser	Ser	Pro
1				5					10					15

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 <213> Homo sapiens

<400> 77

Ser	Lys	Ser	Ser	Pro	Thr	Ser	Pro	Thr	Ser	Cys	Thr	Pro	Pro	Pro
1				5					10					15

<210> 78
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 <213> Homo sapiens

<400> 78

Cys	Thr	Pro	Pro	Pro	Arg	Pro	Pro	Val	Leu	Glu	Glu	Trp	Thr	Ser
1				5					10					15

<210> 79
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 <213> Homo sapiens

<400> 79

Glu	Glu	Trp	Thr	Ser	Ala	Ala	Lys	Pro	Lys	Leu	Asp	Gln	Ala	Leu
1				5					10					15

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<400> 80

Leu	Asp	Gln	Ala	Leu	Val	Val	Glu	His	Ile	Glu	Lys	Met	Val	Glu
1				5					10					15

<210> 81

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<212> PRT

<213> Homo sapiens

<400> 81

Glu	Lys	Met	Val	Glu	Ser	Val	Phe	Arg	Asn	Phe	Asp	Val	Asp	Gly
1				5					10					15

<210> 82

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<213> Homo sapiens

<400> 82

Phe	Asp	Val	Asp	Gly	Asp	Gly	His	Ile	Ser	Gln	Glu	Glu	Phe	Gln
1				5					10					15

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<213> Homo sapiens

<400> 83

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

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<213> Homo sapiens

<400> 84

Phe	Pro	Tyr	Leu	Ser	Ala	Phe	Gly	Asp	Leu	Asp	Gln	Asn	Gln	Asp
1				5					10					15

<210> 85

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<213> Homo sapiens

<400> 85

40

Asp Gln Asn Gln Asp Gly Cys Ile Ser Arg Glu Glu Met Val Ser
1 5 10 15

<210> 86
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<400> 86

Glu Glu Met Val Ser Tyr Phe Leu Arg Ser Ser Ser Val Leu Gly
1 5 10 15

<210> 87
<211> 15
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<213> Homo sapiens

<400> 87

Ser Ser Val Leu Gly Gly Arg Met Gly Phe Val His Asn Phe Gln
1 5 10 15

<210> 88
<211> 15
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<213> Homo sapiens

<400> 88

Val His Asn Phe Gln Glu Ser Asn Ser Leu Arg Pro Val Ala Cys
1 5 10 15

<210> 89
<211> 15
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<213> Homo sapiens

<400> 89

Arg Pro Val Ala Cys Arg His Cys Lys Ala Leu Ile Leu Gly Ile
1 5 10 15

<210> 90
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<400> 90

Leu Ile Leu Gly Ile Tyr Lys Gln Gly Leu Lys Cys Arg Ala Cys
1 5 10 15

41

<210> 91
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<400> 91

Lys	Cys	Arg	Ala	Cys	Gly	Val	Asn	Cys	His	Lys	Gln	Cys	Lys	Asp
1				5					10					15

<210> 92
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 <213> Homo sapiens

<400> 92

Lys	Gln	Cys	Lys	Asp	Arg	Leu	Ser	Val	Glu	Cys	Arg	Arg	Arg	Ala
1				5					10					15

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

<400> 93

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

<210> 94
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<400> 94

Glu	Gly	Ser	Ala	Pro	Ser	Pro	Ser	Pro	Met	His	Ser	His	His	His
1				5					10					15

<210> 95
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<400> 95

His	Ser	His	His	His	Arg	Ala	Phe	Ser	Phe	Ser	Leu	Pro	Arg	Pro
1				5					10					15

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

<400> 96

Ser Leu Pro Arg Pro Gly Arg Arg Gly Ser Arg Pro Pro Glu Ile
 1 5 10 15

<210> 97
 <211> 15
 <212> PRT
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<400> 97

Arg Pro Pro Glu Ile Arg Glu Glu Glu Val Gln Thr Val Glu Asp
 1 5 10 15

<210> 98
 <211> 15
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 <213> Homo sapiens

<400> 98

Glu Glu Val Gln Thr Val Glu Asp Gly Val Phe Asp Ile His Leu
 1 5 10 15

<210> 99
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<220>
 <221> características diversas
 <222> (4)..(4)
 <223> Xaa puede ser cualquier aminoácido que se presenta naturalmente

<400> 99

Leu His Ser Xaa Phe Glu Val
 1 5

<210> 100
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 <212> PRT
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<400> 100

Val Leu His Ser Ala Phe Glu Val
 1 5

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

<400> 101

Arg	Lys	Leu	His	Ser	Phe	Tyr	Glu	Val	Lys
1				5					10

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

<400> 102

Leu	Lys	Leu	His	Ser	Arg	Phe	Tyr	Glu	Leu
1				5					10

<210> 103
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 <213> Homo sapiens

<400> 103

Gln	Lys	Lys	His	Ser	Gly	Phe	Glu	Asp	Glu
1				5					10

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

<400> 104

Leu	Ala	Leu	His	Ser	Val	Phe	Glu	Gly	Leu
1				5					10

<210> 105
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 105

Arg	Arg	Leu	His	Ser	Pro	Pro	Glu	Val	Glu
1				5					10

<210> 106
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<212> PRT
 <213> Homo sapiens

<400> 106

Leu Ser Leu His Arg Met Phe Glu Val Val
 1 5 10

<210> 107
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 <213> Homo sapiens

<400> 107

Gln Lys Leu His Leu His Phe Glu Arg Leu
 1 5 10

<210> 108
 <211> 10
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 <213> Homo sapiens

<400> 108

Gln Arg Leu His Leu His Phe Glu Lys Val
 1 5 10

<210> 109
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 <213> Homo sapiens

<400> 109

Leu Leu Leu His Ser Ile Phe Glu Leu Asn
 1 5 10

<210> 110
 <211> 10
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 <213> Homo sapiens

<400> 110

Asn Gly Leu His Ser His Ser Glu Val Leu
 1 5 10

<210> 111
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<400> 111

Arg	Arg	Leu	His	Leu	His	Phe	Glu	Arg	Val
1				5					10

<210> 112

<211> 10

<212> PRT

<213> Homo sapiens

<400> 112

Leu	Arg	Leu	His	Ser	Pro	Pro	Glu	Val	Thr
1				5					10

<210> 113

<211> 10

<212> PRT

<213> Homo sapiens

<400> 113

Ser	His	Leu	His	Ser	Leu	Phe	Arg	Val	Leu
1				5					10

<210> 114

<211> 10

<212> PRT

<213> Homo sapiens

<400> 114

Val	Glu	Leu	His	Ser	His	Ser	Glu	Val	Pro
1				5					10

<210> 115

<211> 10

<212> PRT

<213> Homo sapiens

<400> 115

Gly	His	Leu	His	Ser	Gln	Leu	Glu	Val	Ser
1				5					10

<210> 116

<211> 10

<212> PRT

<213> Homo sapiens

<400> 116

Glu Lys Lys Val Ser Ser Phe Glu Val Phe
 1 5 10

<210> 117
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 117

Asp Gly Leu His Ser Ser Asn Glu Val Leu
 1 5 10

<210> 118
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 118

Leu Ser Leu His Ser Leu Phe Glu Leu Arg
 1 5 10

<210> 119
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 <213> Homo sapiens

<400> 119

Phe Thr Pro His Ser Arg Phe Glu Val Leu
 1 5 10

<210> 120
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 120

Ile Lys Leu Pro Ser Ser Phe Glu Lys Trp
 1 5 10

<210> 121
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 121

Val Met Leu Leu Ser Leu Phe Glu Glu Glu
 1 5 10

<210> 122
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 122

Phe	Ala	Leu	His	Ser	Leu	Phe	Glu	Ala	Lys
1				5					10

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

<400> 123

Arg	Lys	Leu	Lys	Ala	Ser	Phe	Glu	Val	Ser
1				5					10

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

<400> 124

Lys	Ala	Leu	His	Ser	Asp	Phe	Ile	Val	Lys
1				5					10

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

<400> 125

Lys	Lys	Leu	Arg	Ser	Ser	Phe	Glu	Ser	Ser
1				5					10

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

<400> 126

Leu	Gln	Leu	His	Ser	Pro	Phe	Glu	Arg	Gly
1				5					10

<210> 127
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<212> PRT
 <213> Homo sapiens

<400> 127

Arg Lys Cys His Ser Ser Gly Glu Val Gln
 1 5 10

<210> 128
 <211> 10
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 <213> Homo sapiens

<400> 128

Arg Lys Leu Leu Ser Asp Phe Pro Val Val
 1 5 10

<210> 129
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 <213> Homo sapiens

<400> 129

Lys Lys Arg His Ser Tyr Phe Glu Lys Pro
 1 5 10

<210> 130
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<400> 130

Val His Leu His Ser Phe Phe Ala Val Gly
 1 5 10

<210> 131
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<400> 131

Glu Ala Leu Leu Ser Gly Phe Glu Val Ile
 1 5 10

<210> 132
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 <213> Homo sapiens

<400> 132

Glu Lys Leu Phe Ser Gln Phe Glu Val Asp
1 5 10

<210> 133

<211> 10

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<213> Homo sapiens

<400> 133

Gly Asp Leu Lys Ser Gly Phe Glu Glu Val
1 5 10

<210> 134

<211> 10

<212> PRT

<213> Homo sapiens

<400> 134

Lys Gly Leu His Ser Lys Lys Glu Val Pro
1 5 10

<210> 135

<211> 10

<212> PRT

<213> Homo sapiens

<400> 135

Glu Phe Leu Ala Ser Ser Phe Glu Val Ser
1 5 10

<210> 136

<211> 10

<212> PRT

<213> Homo sapiens

<400> 136

Gly Val Leu His Ser Lys Phe Trp Val Val
1 5 10

<210> 137

<211> 10

<212> PRT

<213> Homo sapiens

<400> 137

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Lys Gln Leu Val His His Phe Glu Val Asp
1 5 10

<210> 138
<211> 10
<212> PRT
<213> Homo sapiens

<400> 138

Arg His Leu His Ser Val Leu Glu Glu Leu
1 5 10

<210> 139
<211> 10
<212> PRT
<213> Homo sapiens

<400> 139

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

<210> 140
<211> 10
<212> PRT
<213> Homo sapiens

<400> 140

Gln Met Leu His Pro Ile Phe Glu Glu Ala
1 5 10

<210> 141
<211> 10
<212> PRT
<213> Homo sapiens

<400> 141

Arg Arg Leu His Ser Thr His Glu Glu Leu
1 5 10

<210> 142
<211> 10
<212> PRT
<213> Homo sapiens

<400> 142

Arg Lys Leu His Trp Leu Phe Glu Leu Leu
1 5 10

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

<400> 143

Val	Glu	Leu	His	Ser	Asp	Met	Glu	Val	Thr
1				5					10

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

<400> 144

Arg	Lys	Leu	Leu	His	Arg	Phe	Glu	Thr	Glu
1				5					10

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

<400> 145

Asn	Lys	Leu	Ile	Ser	Glu	Phe	Glu	Glu	Glu
1				5					10

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

<400> 146

Ser	Lys	Leu	Val	Ser	Asn	Lys	Glu	Val	Val
1				5					10

<210> 147
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 147

Leu	Leu	Leu	His	Ser	Leu	Phe	Pro	Val	Pro
1				5					10

<210> 148
 <211> 10

<212> PRT
 <213> Homo sapiens

<400> 148

Arg Lys Leu Asp Ser Val Phe Glu Glu Arg
 1 5 10

<210> 149
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 149

Arg Phe Lys His Ser Ser Thr Glu Val Leu
 1 5 10

<210> 150
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<400> 150

Arg Arg Lys Leu His Ser Phe Tyr Glu Val
 1 5 10

<210> 151
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 <212> PRT
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<400> 151

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

<210> 152
 <211> 10
 <212> PRT
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<400> 152

Arg Arg Leu Leu Ser Ser Gly Phe Glu Glu
 1 5 10

<210> 153
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 <213> Homo sapiens

<400> 153

Arg Lys Lys Leu His Lys Phe Glu Glu Thr
1 5 10

<210> 154

<211> 10

<212> PRT

<213> Homo sapiens

<400> 154

Leu Lys Lys Leu His Asp Phe Glu Glu Gln
1 5 10

<210> 155

<211> 10

<212> PRT

<213> Homo sapiens

<400> 155

Gly Leu Leu Leu His Ser Ile Phe Glu Leu
1 5 10

<210> 156

<211> 10

<212> PRT

<213> Homo sapiens

<400> 156

Gln Lys Lys Leu His Asp Phe Glu Glu Gln
1 5 10

<210> 157

<211> 10

<212> PRT

<213> Homo sapiens

<400> 157

Gln Lys Lys Leu Ser Ser Gly Glu Glu Lys
1 5 10

<210> 158

<211> 10

<212> PRT

<213> Homo sapiens

<400> 158

Arg Lys His Leu His Ser Gly Gln Glu Ala
 1 5 10

<210> 159
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 159

Gln Lys Leu Val His Ser Leu Phe Glu Ser
 1 5 10

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

<400> 160

Cys Tyr Leu Leu His Ser Phe Glu Glu Phe
 1 5 10

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

<400> 161

Ser Lys Thr Leu His Ser Val Glu Glu Lys
 1 5 10

<210> 162
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 162

Leu Lys Arg Leu His Glu Phe Glu Glu Gln
 1 5 10

<210> 163
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 163

Val Lys Glu Leu His Ser Ala Glu Glu Gly
 1 5 10

<210> 164
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 164

Ser	Leu	Leu	Leu	His	Ser	Gln	Glu	Glu	Lys
1				5					10

<210> 165
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 <212> PRT
 <213> Homo sapiens

<400> 165

Ala	Val	His	Leu	His	Ser	Gly	Glu	Glu	Leu
1				5					10

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

<400> 166

His	Thr	Arg	Leu	His	Ser	Gly	Glu	Glu	Pro
1				5					10

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

<400> 167

Met	Pro	Leu	Leu	His	Ala	Ile	Phe	Glu	Val
1				5					10

<210> 168
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 <212> PRT
 <213> Homo sapiens

<400> 168

Glu	Lys	Lys	Arg	His	Ser	Tyr	Phe	Glu	Lys
1				5					10

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

<400> 169

Gln Ala Lys Leu His Ser Gln Glu Glu Asp
 1 5 10

<210> 170
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 170

Gln Gln Lys Lys His Ser Gly Phe Glu Asp
 1 5 10

<210> 171
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 171

Leu Lys Lys Leu His Gln Gln Phe Glu Met
 1 5 10

<210> 172
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 172

Lys Leu Leu Leu His Ser Gly Val Glu Asn
 1 5 10

<210> 173
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 173

Phe Ser Lys Leu His Thr Phe Glu Glu Val
 1 5 10

<210> 174
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 174

Gln	Ala	Lys	Leu	Ser	Ser	Phe	Glu	Glu	Thr
1				5					10

<210> 175

<211> 10

<212> PRT

<213> Homo sapiens

<400> 175

Ser	Leu	Ala	Leu	His	Ser	Val	Phe	Glu	Gly
1				5					10

<210> 176

<211> 10

<212> PRT

<213> Homo sapiens

<400> 176

Glu	Phe	Ala	Leu	His	Ser	Leu	Phe	Glu	Ala
1				5					10

<210> 177

<211> 10

<212> PRT

<213> Homo sapiens

<400> 177

Met	Arg	His	Leu	Lys	Ser	Phe	Phe	Glu	Ala
1				5					10

<210> 178

<211> 10

<212> PRT

<213> Homo sapiens

<400> 178

Gln	Lys	Lys	Arg	His	Ser	Phe	Leu	Glu	Ser
1				5					10

<210> 179

<211> 10

<212> PRT

<213> Homo sapiens

<400> 179

Gln Lys Lys Leu His His Phe Phe Ile Gly
 1 5 10

<210> 180

<211> 10

<212> PRT

<213> Homo sapiens

<400> 180

Thr Leu Ser Leu His Ser Leu Phe Glu Leu
 1 5 10

<210> 181

<211> 10

<212> PRT

<213> Homo sapiens

<400> 181

Leu Arg Leu Phe His Ser Phe Glu Glu Leu
 1 5 10

<210> 182

<211> 10

<212> PRT

<213> Homo sapiens

<400> 182

Gln Lys Phe Leu His Ser Ser Phe Val Ala
 1 5 10

<210> 183

<211> 10

<212> PRT

<213> Homo sapiens

<400> 183

Ala Trp Leu Leu His Ser Gly Pro Glu Gly
 1 5 10

<210> 184

<211> 10

<212> PRT

<213> Homo sapiens

<400> 184

Thr Lys Leu Leu His Arg Thr Glu Glu Leu
 1 5 10

<210> 185
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 185

Phe	Lys	Thr	Leu	Ser	Ser	Lys	Phe	Glu	Leu
1				5					10

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

<400> 186

Lys	Arg	Arg	Leu	His	Leu	Val	Phe	Glu	Tyr
1				5					10

<210> 187
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 187

Glu	His	Leu	Leu	Asn	Ser	Gly	Phe	Glu	Val
1				5					10

<210> 188
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 188

Val	Met	Lys	Leu	Leu	Ser	Ile	Phe	Glu	Ser
1				5					10

<210> 189
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 189

Lys	Leu	Glu	Leu	His	Ser	Ser	Glu	Glu	Ala
1				5					10

<210> 190
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<212> PRT
 <213> Homo sapiens

<400> 190

Lys Leu Pro Leu His Ser Ser Glu Glu Ala
 1 5 10

<210> 191
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 191

Leu Lys Arg Leu Leu Ser Asn Glu Glu Glu
 1 5 10

<210> 192
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 192

Thr Thr Arg Leu His Ser Leu Glu Glu Lys
 1 5 10

<210> 193
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 193

His Ala Arg Leu His Ser Leu Glu Glu Thr
 1 5 10

<210> 194
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 194

Leu Pro Arg Leu His Gly His Phe Glu Gln
 1 5 10

<210> 195
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 195

Val Lys Thr Leu His His Lys Glu Glu Val
1 5 10

<210> 196

<211> 10

<212> PRT

<213> Homo sapiens

<400> 196

Ser Pro Ser Leu His Ser Arg Glu Glu Ala
1 5 10

<210> 197

<211> 10

<212> PRT

<213> Homo sapiens

<400> 197

Pro Arg Lys Leu His Trp Leu Phe Glu Leu
1 5 10

<210> 198

<211> 10

<212> PRT

<213> Homo sapiens

<400> 198

Leu Lys Lys Leu Leu Ser Phe Ala Glu Asn
1 5 10

<210> 199

<211> 12

<212> PRT

<213> Homo sapiens

<400> 199

Ile Leu Val Thr Gly Gly Ser Gly Leu Val Gly Lys
1 5 10

<210> 200

<211> 19

<212> PRT

<213> Homo sapiens

<400> 200

62

Val Val Ala Asp Gly Ala Gly Leu Pro Gly Glu Asp Trp Val Phe Val
1 5 10 15

Ser Ser Lys

<210> 201
<211> 11
<212> PRT
<213> Homo sapiens

<400> 201

Asp Ala Asp Leu Thr Asp Thr Ala Gln Thr Arg
1 5 10

<210> 202
<211> 18
<212> PRT
<213> Homo sapiens

<400> 202

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

Phe Arg

<210> 203
<211> 7
<212> PRT
<213> Homo sapiens

<400> 203

Tyr Asn Leu Asp Phe Trp Arg
1 5

<210> 204
<211> 8
<212> PRT
<213> Homo sapiens

<400> 204

Tyr Asn Leu Asp Phe Trp Arg Lys
1 5

<210> 205

<211> 18
 <212> PRT
 <213> Homo sapiens

<400> 205

Asn	Val	His	Met	Asn	Asp	Asn	Val	Leu	His	Ser	Ala	Phe	Glu	Val	Gly
1				5					10					15	

Ala Arg

<210> 206
 <211> 19
 <212> PRT
 <213> Homo sapiens

<400> 206

Asn	Val	His	Met	Asn	Asp	Asn	Val	Leu	His	Ser	Ala	Phe	Glu	Val	Gly
1				5					10					15	

Ala Arg Lys

<210> 207
 <211> 13
 <212> PRT
 <213> Homo sapiens

<400> 207

Val	Val	Ser	Cys	Leu	Ser	Thr	Cys	Ile	Phe	Pro	Asp	Lys
1				5					10			

<210> 208
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 <212> PRT
 <213> Homo sapiens

<400> 208

Met	Ile	Asp	Val	Gln	Asn	Arg
1				5		

<210> 209
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 <213> Homo sapiens

<400> 209

Arg Met Ile Asp Val Gln Asn Arg
1 5

<210> 210
<211> 15
<212> PRT
<213> Homo sapiens

<400> 210

Ser Ser Gly Ser Ala Leu Thr Val Trp Gly Thr Gly Asn Pro Arg
1 5 10 15

<210> 211
<211> 16
<212> PRT
<213> Homo sapiens

<400> 211

Ser Ser Gly Ser Ala Leu Thr Val Trp Gly Thr Gly Asn Pro Arg Arg
1 5 10 15

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

<400> 212

Thr Thr Tyr Pro Ile Asp Glu Thr Met Ile His Asn Gly Pro Pro His
1 5 10 15

Asn Ser Asn Phe Gly Tyr Ser Tyr Ala Lys
20 25

<210> 213
<211> 21
<212> PRT
<213> Homo sapiens

<400> 213

Glu Tyr Asn Glu Val Glu Pro Ile Ile Leu Ser Val Gly Glu Glu Asp
1 5 10 15

Glu Val Ser Ile Lys
20

<210> 214

<211> 7
 <212> PRT
 <213> Homo sapiens

<400> 214

Thr Tyr Leu Pro Asp Phe Arg
 1 5

<210> 215
 <211> 9
 <212> PRT
 <213> Homo sapiens

<400> 215

Leu Arg Thr Tyr Leu Pro Asp Phe Arg
 1 5

<210> 216
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 216

Gly Ser Met Arg Ile Leu Val Thr Gly Gly Ser Gly Leu Val Gly
 1 5 10 15

<210> 217
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 217

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

<210> 218
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 218

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

<210> 219
 <211> 15
 <212> PRT

<213> Homo sapiens

<400> 219

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

<210> 220

<211> 15

<212> PRT

<213> Homo sapiens

<400> 220

Ala	Gly	Leu	Pro	Gly	Glu	Asp	Trp	Val	Phe	Val	Ser	Ser	Lys	Asp
1				5					10					15

<210> 221

<211> 15

<212> PRT

<213> Homo sapiens

<400> 221

Glu	Asp	Trp	Val	Phe	Val	Ser	Ser	Lys	Asp	Ala	Asp	Leu	Thr	Asp
1				5					10					15

<210> 222

<211> 15

<212> PRT

<213> Homo sapiens

<400> 222

Val	Ser	Ser	Lys	Asp	Ala	Asp	Leu	Thr	Asp	Thr	Ala	Gln	Thr	Arg
1				5					10					15

<210> 223

<211> 15

<212> PRT

<213> Homo sapiens

<400> 223

Ala	Asp	Leu	Thr	Asp	Thr	Ala	Gln	Thr	Arg	Ala	Leu	Phe	Glu	Lys
1				5					10					15

<210> 224

<211> 15

<212> PRT

<213> Homo sapiens

<400> 224

Ala Leu Phe Glu Lys Val Gln Pro Thr His Val Ile His Leu Ala
1 5 10 15

<210> 225

<211> 15

<212> PRT

<213> Homo sapiens

<400> 225

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

<210> 226

<211> 15

<212> PRT

<213> Homo sapiens

<400> 226

Val Ile His Leu Ala Ala Met Val Gly Gly Leu Phe Arg Asn Ile
1 5 10 15

<210> 227

<211> 15

<212> PRT

<213> Homo sapiens

<400> 227

Ala Met Val Gly Gly Leu Phe Arg Asn Ile Lys Tyr Asn Leu Asp
1 5 10 15

<210> 228

<211> 15

<212> PRT

<213> Homo sapiens

<400> 228

Lys Tyr Asn Leu Asp Phe Trp Arg Lys Asn Val His Met Asn Asp
1 5 10 15

<210> 229

<211> 15

<212> PRT

<213> Homo sapiens

<400> 229

Phe Trp Arg Lys Asn Val His Met Asn Asp Asn Val Leu His Ser
 1 5 10 15

<210> 230
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 230

Asn Val Leu His Ser Ala Phe Glu Val Gly Ala Arg Lys Val Val
 1 5 10 15

<210> 231
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 231

Ala Phe Glu Val Gly Ala Arg Lys Val Val Ser Cys Leu Ser Thr
 1 5 10 15

<210> 232
 <211> 15
 <212> PRT
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<400> 232

Ala Arg Lys Val Val Ser Cys Leu Ser Thr Cys Ile Phe Pro Asp
 1 5 10 15

<210> 233
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 233

Ser Cys Leu Ser Thr Cys Ile Phe Pro Asp Lys Thr Thr Tyr Pro
 1 5 10 15

<210> 234
 <211> 15
 <212> PRT
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<400> 234

Cys Ile Phe Pro Asp Lys Thr Thr Tyr Pro Ile Asp Glu Thr Met
 1 5 10 15

<210> 235
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 <213> Homo sapiens

<400> 235

Ile	Asp	Glu	Thr	Met	Ile	His	Asn	Gly	Pro	Pro	His	Asn	Ser	Asn
1				5					10					15

<210> 236
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 236

Pro	His	Asn	Ser	Asn	Phe	Gly	Tyr	Ser	Tyr	Ala	Lys	Arg	Met	Ile
1				5					10					15

<210> 237
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 237

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

<210> 238
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 238

Ala	Lys	Arg	Met	Ile	Asp	Val	Gln	Asn	Arg	Ala	Tyr	Phe	Gln	Gln
1				5					10					15

<210> 239
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 239

Asp	Val	Gln	Asn	Arg	Ala	Tyr	Phe	Gln	Gln	Tyr	Gly	Cys	Thr	Phe
1				5					10					15

<210> 240
 <211> 15

<212> PRT
 <213> Homo sapiens

<400> 240

Thr	Ala	Val	Ile	Pro	Thr	Asn	Val	Phe	Gly	Pro	His	Asp	Asn	Phe
1				5					10					15

<210> 241
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 241

Thr	Asn	Val	Phe	Gly	Pro	His	Asp	Asn	Phe	Asn	Ile	Glu	Asp	Gly
1				5					10					15

<210> 242
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 242

Pro	His	Asp	Asn	Phe	Asn	Ile	Glu	Asp	Gly	His	Val	Leu	Pro	Gly
1				5					10					15

<210> 243
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 243

Asn	Ile	Glu	Asp	Gly	His	Val	Leu	Pro	Gly	Leu	Ile	His	Lys	Val
1				5					10					15

<210> 244
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 244

His	Val	Leu	Pro	Gly	Leu	Ile	His	Lys	Val	His	Leu	Ala	Lys	Ser
1				5					10					15

<210> 245
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 245

Leu Ile His Lys Val His Leu Ala Lys Ser Ser Gly Ser Ala Leu
1 5 10 15

<210> 246

<211> 15

<212> PRT

<213> Homo sapiens

<400> 246

His Leu Ala Lys Ser Ser Gly Ser Ala Leu Thr Val Trp Gly Thr
1 5 10 15

<210> 247

<211> 15

<212> PRT

<213> Homo sapiens

<400> 247

Ser Gly Ser Ala Leu Thr Val Trp Gly Thr Gly Asn Pro Arg Arg
1 5 10 15

<210> 248

<211> 15

<212> PRT

<213> Homo sapiens

<400> 248

Thr Val Trp Gly Thr Gly Asn Pro Arg Arg Gln Phe Ile Tyr Ser
1 5 10 15

<210> 249

<211> 15

<212> PRT

<213> Homo sapiens

<400> 249

Gly Asn Pro Arg Arg Gln Phe Ile Tyr Ser Leu Asp Leu Ala Gln
1 5 10 15

<210> 250

<211> 15

<212> PRT

<213> Homo sapiens

<400> 250

Gln Phe Ile Tyr Ser Leu Asp Leu Ala Gln Leu Phe Ile Trp Val
 1 5 10 15

<210> 251
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 251

Leu Asp Leu Ala Gln Leu Phe Ile Trp Val Leu Arg Glu Tyr Asn
 1 5 10 15

<210> 252
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 252

Leu Phe Ile Trp Val Leu Arg Glu Tyr Asn Glu Val Glu Pro Ile
 1 5 10 15

<210> 253
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 253

Glu Ala Met Asp Phe His Gly Glu Val Thr Phe Asp Thr Thr Lys
 1 5 10 15

<210> 254
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 254

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

<210> 255
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 255

Ser Asp Gly Gln Phe Lys Lys Thr Ala Ser Asn Ser Lys Leu Arg
 1 5 10 15

<210> 256
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 256

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

<210> 257
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 257

Asn	Ser	Lys	Leu	Arg	Thr	Tyr	Leu	Pro	Asp	Phe	Arg	Phe	Thr	Pro
1				5					10					15

<210> 258
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 258

Thr	Tyr	Leu	Pro	Asp	Phe	Arg	Phe	Thr	Pro	Phe	Lys	Gln	Ala	Val
1				5					10					15

<210> 259
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 259

Phe	Lys	Gln	Ala	Val	Lys	Glu	Thr	Cys	Ala	Trp	Phe	Thr	Asp	Asn
1				5					10					15

<210> 260
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 260

Lys	Glu	Thr	Cys	Ala	Trp	Phe	Thr	Asp	Asn	Tyr	Glu	Gln	Ala	Arg	Lys
1				5					10					15	

<210> 261
 <211> 20

<212> PRT
 <213> Homo sapiens

<400> 261

Gly Gln Phe Arg Val Ile Gly Pro Arg His Pro Ile Arg Ala Leu Val
 1 5 10 15

Gly Asp Glu Val
 20

<210> 262
 <211> 21
 <212> PRT
 <213> Homo sapiens

<400> 262

Met Glu Val Gly Trp Tyr Arg Pro Pro Phe Ser Arg Val Val His Leu
 1 5 10 15

Tyr Arg Asn Gly Lys
 20

<210> 263
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 263

Lys Tyr Leu Ala Thr Ala Ser Thr Met Asp His Ala Arg His Gly Phe
 1 5 10 15

Leu Pro Arg His
 20

<210> 264
 <211> 17
 <212> PRT
 <213> Homo sapiens

<400> 264

Glu Asn Pro Val Val His Phe Phe Lys Asn Ile Val Thr Pro Arg Thr
 1 5 10 15

Pro

<210> 265
 <211> 19
 <212> PRT
 <213> Homo sapiens

<400> 265

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

Tyr Gly Gly

<210> 266
 <211> 25
 <212> PRT
 <213> Homo sapiens

<400> 266

Ala Gln Gly Thr Leu Ser Lys Ile Phe Lys Leu Gly Gly Arg Asp Ser
 1 5 10 15

Arg Ser Gly Ser Pro Met Ala Arg Arg
 20 25

<210> 267
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 267

His Cys Leu Gly Lys Trp Leu Gly His Pro Asp Lys Phe Val Gly Ile
 1 5 10 15

<210> 268
 <211> 11
 <212> PRT
 <213> Virus de Influenza A

<400> 268

Phe Val Phe Thr Leu Thr Val Pro Ser Glu Arg
 1 5 10

<210> 269
 <211> 15
 <212> PRT
 <213> Virus de Influenza A

<400> 269

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

<210> 270

<211> 16

<212> PRT

<213> Virus de Influenza A

<400> 270

Tyr Asp Val Pro Asp Tyr Ala Ser Leu Arg Ser Leu Val Ala Ser Ser
1 5 10 15

<210> 271

<211> 13

<212> PRT

<213> Virus de Influenza B

<400> 271

Pro Tyr Tyr Thr Gly Glu His Ala Lys Ala Ile Gly Asn
1 5 10

<210> 272

<211> 12

<212> PRT

<213> Clostridium tetani

<400> 272

Gly Gln Ile Gly Asn Asp Pro Asn Arg Asp Ile Leu
1 5 10

<210> 273

<211> 12

<212> PRT

<213> Virus de Influenza A

<400> 273

Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala
1 5 10

<210> 274

<211> 13

<212> PRT

<213> Virus de Influenza A

<400> 274

Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr
 1 5 10

<210> 275
 <211> 9
 <212> PRT
 <213> Virus de Influenza A

<400> 275

Asp Arg Leu Arg Arg Asp Gln Lys Ser
 1 5

<210> 276
 <211> 19
 <212> PRT
 <213> Virus del herpes humano 4

<400> 276

Ala Gly Leu Thr Leu Ser Leu Leu Val Ile Cys Ser Tyr Leu Phe Ile
 1 5 10 15

Ser Arg Gly

<210> 277
 <211> 15
 <212> PRT
 <213> Clostridium tetani

<400> 277

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

<210> 278
 <211> 14
 <212> PRT
 <213> Clostridium tetani

<400> 278

Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu
 1 5 10

<210> 279
 <211> 21
 <212> PRT
 <213> Clostridium tetani

<400> 279

Phe Asn Asn Phe Thr Val Ser Phe Trp Leu Arg Val Pro Lys Val Ser
1 5 10 15

Ala Ser His Leu Glu
20

<210> 280

<211> 13

<212> PRT

<213> Virus del herpes humano 4

<400> 280

Thr Ser Leu Tyr Asn Leu Arg Arg Gly Thr Ala Leu Ala
1 5 10

<210> 281

<211> 16

<212> PRT

<213> Clostridium tetani

<400> 281

Lys Phe Ile Ile Lys Arg Tyr Thr Pro Asn Asn Glu Ile Asp Ser Phe
1 5 10 15

<210> 282

<211> 16

<212> PRT

<213> Clostridium tetani

<400> 282

Val Ser Ile Asp Lys Phe Arg Ile Phe Cys Lys Ala Leu Asn Pro Lys
1 5 10 15

<210> 283

<211> 18

<212> PRT

<213> Virus del herpes humano 4

<400> 283

Val Pro Gly Leu Tyr Ser Pro Cys Arg Ala Phe Phe Asn Lys Glu Glu
1 5 10 15

Leu Leu

<210> 284
 <211> 14
 <212> PRT
 <213> Citomegalovirus humano

<400> 284

Asp Lys Arg Glu Met Trp Met Ala Cys Ile Lys Glu Leu His
 1 5 10

<210> 285
 <211> 15
 <212> PRT
 <213> Virus del herpes humano 4

<400> 285

Thr Gly His Gly Ala Arg Thr Ser Thr Glu Pro Thr Thr Asp Tyr
 1 5 10 15

<210> 286
 <211> 13
 <212> PRT
 <213> Virus del herpes humano 4

<400> 286

Lys Glu Leu Lys Arg Gln Tyr Glu Lys Lys Leu Arg Gln
 1 5 10

<210> 287
 <211> 16
 <212> PRT
 <213> Virus de Influenza A

<400> 287

Arg Gly Tyr Phe Lys Met Arg Thr Gly Lys Ser Ser Ile Met Arg Ser
 1 5 10 15

<210> 288
 <211> 11
 <212> PRT
 <213> Virus del herpes humano 4

<400> 288

Thr Val Phe Tyr Asn Ile Pro Pro Met Pro Leu
 1 5 10

<210> 289
 <211> 15

<212> PRT
 <213> Virus del herpes humano 4

<400> 289

Ala Glu Gly Leu Arg Ala Leu Leu Ala Arg Ser His Val Glu Arg
 1 5 10 15

<210> 290
 <211> 20
 <212> PRT
 <213> Virus del herpes humano 4

<400> 290

Pro Gly Pro Leu Arg Glu Ser Ile Val Cys Tyr Phe Met Val Phe Leu
 1 5 10 15

Gln Thr His Ile
 20

<210> 291
 <211> 26
 <212> PRT
 <213> Homo sapiens

<400> 291

Asp Leu Leu His Ala Pro Glu Glu Gly Pro Phe Thr Phe Pro Asn Gly
 1 5 10 15

Glu Ala Val Glu His Gly Glu Glu Ser Lys
 20 25

<210> 292
 <211> 11
 <212> PRT
 <213> Homo sapiens

<400> 292

Ile Val Ile Ser Ser Ala Glu Leu Leu Gln Lys
 1 5 10

<210> 293
 <211> 23
 <212> PRT
 <213> Homo sapiens

<400> 293

81

Val Ser Leu Leu Phe Asp His Leu Glu Pro Glu Glu Leu Ser Glu His
1 5 10 15

Leu Thr Tyr Leu Glu Phe Lys
20

<210> 294
<211> 11
<212> PRT
<213> Homo sapiens

<400> 294

Ala Phe Ser Phe Ser Leu Pro Arg Pro Gly Arg
1 5 10

<210> 295
<211> 8
<212> PRT
<213> Homo sapiens

<400> 295

Ala Leu Ile Leu Gly Ile Tyr Lys
1 5

<210> 296
<211> 10
<212> PRT
<213> Homo sapiens

<400> 296

Ala Leu Leu Asp Gln Glu Gly Asn Arg Arg
1 5 10

<210> 297
<211> 13
<212> PRT
<213> Homo sapiens

<400> 297

Ala Leu Val Ile Thr His Phe Val His Val Ala Glu Lys
1 5 10

<210> 298
<211> 17
<212> PRT
<213> Homo sapiens

<400> 298

Asp Leu Val Ala Leu Gln Leu Ala Leu Pro Asp Trp Leu Asp Pro Ala
 1 5 10 15

Arg

<210> 299

<211> 9

<212> PRT

<213> Homo sapiens

<400> 299

Asp Asn Ser Asn Ser Leu Gln Val Lys
 1 5

<210> 300

<211> 14

<212> PRT

<213> Homo sapiens

<400> 300

His Ser Ser Leu Ile Asp Ile Asp Ser Val Pro Thr Tyr Lys
 1 5 10

<210> 301

<211> 10

<212> PRT

<213> Homo sapiens

<400> 301

Lys Asp Asn Ser Asn Ser Leu Gln Val Lys
 1 5 10

<210> 302

<211> 12

<212> PRT

<213> Homo sapiens

<400> 302

Leu Asp Gln Ala Leu Val Val Glu His Ile Glu Lys
 1 5 10

<210> 303

<211> 9

<212> PRT

<213> Homo sapiens

<400> 303

Leu Leu His Ile Tyr Gln Gln Ser Arg
1 5

<210> 304

<211> 24

<212> PRT

<213> Homo sapiens

<400> 304

Leu Leu Gln Leu Gln Asn Phe Asn Thr Leu Met Ala Val Val Gly Gly
1 5 10 15

Leu Ser His Ser Ser Ile Ser Arg
20

<210> 305

<211> 19

<212> PRT

<213> Homo sapiens

<400> 305

Leu Trp Glu Gly Leu Thr Glu Leu Val Thr Ala Thr Gly Asn Tyr Gly
1 5 10 15

Asn Tyr Arg

<210> 306

<211> 18

<212> PRT

<213> Homo sapiens

<400> 306

Met Phe Leu Met Met His Pro Trp Tyr Ile Pro Ser Ser Gln Leu Ala
1 5 10 15

Ala Lys

<210> 307

<211> 8

<212> PRT

<213> Homo sapiens

<400> 307

Val Arg Asp Pro Gln Leu Val Arg
1 5

<210> 308

<211> 21

<212> PRT

<213> Homo sapiens

<400> 308

Tyr Trp Ile Ser Ala Phe Pro Ala Glu Phe Asp Leu Asn Pro Glu Leu
1 5 10 15

Ala Glu Gln Ile Lys
20

<210> 309

<211> 8

<212> PRT

<213> Homo sapiens

<400> 309

Leu Ser Leu Val Leu Glu Pro Arg
1 5