LISTADO DE SECUENCIAS

<110> Novo Nordisk A/S

<120> CÉLULAS SEGURAS E INVISIBLES PARA EL SISTEMA INMUNITARIO

<130> 190045WO01

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<170> PatentIn versión 3.5

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<212> PRT

<213> homo sapiens

<220>

<221> PÉPTIDO

<222> (1)..(337)

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Arg Gly Glu Pro Arg Phe Ile Ser Val Gly Tyr Val Asp Asp Thr Gln

20 25 30

Phe Val Arg Phe Asp Asn Asp Ala Ala Ser Pro Arg Met Val Pro Arg

35 40 45

Ala Pro Trp Met Glu Gln Glu Gly Ser Glu Tyr Trp Asp Arg Glu Thr

50 55 60

Arg Ser Ala Arg Asp Thr Ala Gln Ile Phe Arg Val Asn Leu Arg Thr

65 70 75 80

Leu Arg Gly Tyr Tyr Asn Gln Ser Glu Ala Gly Ser His Thr Leu Gln

85 90 95

Trp Met His Gly Cys Glu Leu Gly Pro Asp Arg Arg Phe Leu Arg Gly

100 105 110

Tyr Glu Gln Phe Ala Tyr Asp Gly Lys Asp Tyr Leu Thr Leu Asn Glu

115 120 125

Asp Leu Arg Ser Trp Thr Ala Val Asp Thr Ala Ala Gln Ile Ser Glu

130 135 140

Gln Lys Ser Asn Asp Ala Ser Glu Ala Glu His Gln Arg Ala Tyr Leu

145 150 155 160

Glu Asp Thr Cys Val Glu Trp Leu His Lys Tyr Leu Glu Lys Gly Lys

165 170 175

Glu Thr Leu Leu His Leu Glu Pro Pro Lys Thr His Val Thr His His

180 185 190

Pro Ile Ser Asp His Glu Ala Thr Leu Arg Cys Trp Ala Leu Gly Phe

195 200 205

Tyr Pro Ala Glu Ile Thr Leu Thr Trp Gln Gln Asp Gly Glu Gly His

210 215 220

Thr Gln Asp Thr Glu Leu Val Glu Thr Arg Pro Ala Gly Asp Gly Thr

225 230 235 240

Phe Gln Lys Trp Ala Ala Val Val Val Pro Ser Gly Glu Glu Gln Arg

245 250 255

Tyr Thr Cys His Val Gln His Glu Gly Leu Pro Glu Pro Val Thr Leu

260 265 270

Arg Trp Lys Pro Ala Ser Gln Pro Thr Ile Pro Ile Val Gly Ile Ile

275 280 285

Ala Gly Leu Val Leu Leu Gly Ser Val Val Ser Gly Ala Val Val Ala

290 295 300

Ala Val Ile Trp Arg Lys Lys Ser Ser Gly Gly Lys Gly Gly Ser Tyr

305 310 315 320

Ser Lys Ala Glu Trp Ser Asp Ser Ala Gln Gly Ser Glu Ser His Ser

325 330 335

Leu

<210> 2

<211> 99

<212> PRT

<213> homo sapiens

<220>

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<222> (1)..(99)

<400> 2

Ile Gln Arg Thr Pro Lys Ile Gln Val Tyr Ser Arg His Pro Ala Glu

1 5 10 15

Asn Gly Lys Ser Asn Phe Leu Asn Cys Tyr Val Ser Gly Phe His Pro

20 25 30

Ser Asp Ile Glu Val Asp Leu Leu Lys Asn Gly Glu Arg Ile Glu Lys

35 40 45

Val Glu His Ser Asp Leu Ser Phe Ser Lys Asp Trp Ser Phe Tyr Leu

50 55 60

Leu Tyr Tyr Thr Glu Phe Thr Pro Thr Glu Lys Asp Glu Tyr Ala Cys

65 70 75 80

Arg Val Asn His Val Thr Leu Ser Gln Pro Lys Ile Val Lys Trp Asp

85 90 95

Arg Asp Met

<210> 3

<211> 337

<212> PRT

<213> homo sapiens

<220>

<221> PÉPTIDO

<222> (1)..(337)

<400> 3

Gly Ser His Ser Leu Lys Tyr Phe His Thr Ser Val Ser Arg Pro Gly

1 5 10 15

Arg Gly Glu Pro Arg Phe Ile Ser Val Gly Tyr Val Asp Asp Thr Gln

20 25 30

Phe Val Arg Phe Asp Asn Asp Ala Ala Ser Pro Arg Met Val Pro Arg

35 40 45

Ala Pro Trp Met Glu Gln Glu Gly Ser Glu Tyr Trp Asp Arg Glu Thr

50 55 60

Arg Ser Ala Arg Asp Thr Ala Gln Ile Phe Arg Val Asn Leu Arg Thr

65 70 75 80

Leu Arg Gly Tyr Tyr Asn Gln Ser Glu Ala Gly Ser His Thr Leu Gln

85 90 95

Trp Met His Gly Cys Glu Leu Gly Pro Asp Gly Arg Phe Leu Arg Gly

100 105 110

Tyr Glu Gln Phe Ala Tyr Asp Gly Lys Asp Tyr Leu Thr Leu Asn Glu

115 120 125

Asp Leu Arg Ser Trp Thr Ala Val Asp Thr Ala Ala Gln Ile Ser Glu

130 135 140

Gln Lys Ser Asn Asp Ala Ser Glu Ala Glu His Gln Arg Ala Tyr Leu

145 150 155 160

Glu Asp Thr Cys Val Glu Trp Leu His Lys Tyr Leu Glu Lys Gly Lys

165 170 175

Glu Thr Leu Leu His Leu Glu Pro Pro Lys Thr His Val Thr His His

180 185 190

Pro Ile Ser Asp His Glu Ala Thr Leu Arg Cys Trp Ala Leu Gly Phe

195 200 205

Tyr Pro Ala Glu Ile Thr Leu Thr Trp Gln Gln Asp Gly Glu Gly His

210 215 220

Thr Gln Asp Thr Glu Leu Val Glu Thr Arg Pro Ala Gly Asp Gly Thr

225 230 235 240

Phe Gln Lys Trp Ala Ala Val Val Val Pro Ser Gly Glu Glu Gln Arg

245 250 255

Tyr Thr Cys His Val Gln His Glu Gly Leu Pro Glu Pro Val Thr Leu

260 265 270

Arg Trp Lys Pro Ala Ser Gln Pro Thr Ile Pro Ile Val Gly Ile Ile

275 280 285

Ala Gly Leu Val Leu Leu Gly Ser Val Val Ser Gly Ala Val Val Ala

290 295 300

Ala Val Ile Trp Arg Lys Lys Ser Ser Gly Gly Lys Gly Gly Ser Tyr

305 310 315 320

Ser Lys Ala Glu Trp Ser Asp Ser Ala Gln Gly Ser Glu Ser His Ser

325 330 335

Leu

<210> 4

<211> 476

<212> PRT

<213> homo sapiens

<220>

<221> PÉPTIDO

<222> (1)..(476)

<400> 4

Met Ser Arg Ser Val Ala Leu Ala Val Leu Ala Leu Leu Ser Leu Ser

1 5 10 15

Gly Leu Glu Ala Ile Gln Arg Thr Pro Lys Ile Gln Val Tyr Ser Arg

20 25 30

His Pro Ala Glu Asn Gly Lys Ser Asn Phe Leu Asn Cys Tyr Val Ser

35 40 45

Gly Phe His Pro Ser Asp Ile Glu Val Asp Leu Leu Lys Asn Gly Glu

50 55 60

Arg Ile Glu Lys Val Glu His Ser Asp Leu Ser Phe Ser Lys Asp Trp

65 70 75 80

Ser Phe Tyr Leu Leu Tyr Tyr Thr Glu Phe Thr Pro Thr Glu Lys Asp

85 90 95

Glu Tyr Ala Cys Arg Val Asn His Val Thr Leu Ser Gln Pro Lys Ile

100 105 110

Val Lys Trp Asp Arg Asp Met Gly Gly Gly Gly Ser Gly Gly Gly Gly

115 120 125

Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Ser His Ser Leu

130 135 140

Lys Tyr Phe His Thr Ser Val Ser Arg Pro Gly Arg Gly Glu Pro Arg

145 150 155 160

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

165 170 175

Asn Asp Ala Ala Ser Pro Arg Met Val Pro Arg Ala Pro Trp Met Glu

180 185 190

Gln Glu Gly Ser Glu Tyr Trp Asp Arg Glu Thr Arg Ser Ala Arg Asp

195 200 205

Thr Ala Gln Ile Phe Arg Val Asn Leu Arg Thr Leu Arg Gly Tyr Tyr

210 215 220

Asn Gln Ser Glu Ala Gly Ser His Thr Leu Gln Trp Met His Gly Cys

225 230 235 240

Glu Leu Gly Pro Asp Arg Arg Phe Leu Arg Gly Tyr Glu Gln Phe Ala

245 250 255

Tyr Asp Gly Lys Asp Tyr Leu Thr Leu Asn Glu Asp Leu Arg Ser Trp

260 265 270

Thr Ala Val Asp Thr Ala Ala Gln Ile Ser Glu Gln Lys Ser Asn Asp

275 280 285

Ala Ser Glu Ala Glu His Gln Arg Ala Tyr Leu Glu Asp Thr Cys Val

290 295 300

Glu Trp Leu His Lys Tyr Leu Glu Lys Gly Lys Glu Thr Leu Leu His

305 310 315 320

Leu Glu Pro Pro Lys Thr His Val Thr His His Pro Ile Ser Asp His

325 330 335

Glu Ala Thr Leu Arg Cys Trp Ala Leu Gly Phe Tyr Pro Ala Glu Ile

340 345 350

Thr Leu Thr Trp Gln Gln Asp Gly Glu Gly His Thr Gln Asp Thr Glu

355 360 365

Leu Val Glu Thr Arg Pro Ala Gly Asp Gly Thr Phe Gln Lys Trp Ala

370 375 380

Ala Val Val Val Pro Ser Gly Glu Glu Gln Arg Tyr Thr Cys His Val

385 390 395 400

Gln His Glu Gly Leu Pro Glu Pro Val Thr Leu Arg Trp Lys Pro Ala

405 410 415

Ser Gln Pro Thr Ile Pro Ile Val Gly Ile Ile Ala Gly Leu Val Leu

420 425 430

Leu Gly Ser Val Val Ser Gly Ala Val Val Ala Ala Val Ile Trp Arg

435 440 445

Lys Lys Ser Ser Gly Gly Lys Gly Gly Ser Tyr Ser Lys Ala Glu Trp

450 455 460

Ser Asp Ser Ala Gln Gly Ser Glu Ser His Ser Leu

465 470 475

<210> 5

<211> 476

<212> PRT

<213> homo sapiens

<220>

<221> PÉPTIDO

<222> (1)..(476)

<400> 5

Met Ser Arg Ser Val Ala Leu Ala Val Leu Ala Leu Leu Ser Leu Ser

1 5 10 15

Gly Leu Glu Ala Ile Gln Arg Thr Pro Lys Ile Gln Val Tyr Ser Arg

20 25 30

His Pro Ala Glu Asn Gly Lys Ser Asn Phe Leu Asn Cys Tyr Val Ser

35 40 45

Gly Phe His Pro Ser Asp Ile Glu Val Asp Leu Leu Lys Asn Gly Glu

50 55 60

Arg Ile Glu Lys Val Glu His Ser Asp Leu Ser Phe Ser Lys Asp Trp

65 70 75 80

Ser Phe Tyr Leu Leu Tyr Tyr Thr Glu Phe Thr Pro Thr Glu Lys Asp

85 90 95

Glu Tyr Ala Cys Arg Val Asn His Val Thr Leu Ser Gln Pro Lys Ile

100 105 110

Val Lys Trp Asp Arg Asp Met Gly Gly Gly Gly Ser Gly Gly Gly Gly

115 120 125

Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Ser His Ser Leu

130 135 140

Lys Tyr Phe His Thr Ser Val Ser Arg Pro Gly Arg Gly Glu Pro Arg

145 150 155 160

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

165 170 175

Asn Asp Ala Ala Ser Pro Arg Met Val Pro Arg Ala Pro Trp Met Glu

180 185 190

Gln Glu Gly Ser Glu Tyr Trp Asp Arg Glu Thr Arg Ser Ala Arg Asp

195 200 205

Thr Ala Gln Ile Phe Arg Val Asn Leu Arg Thr Leu Arg Gly Tyr Tyr

210 215 220

Asn Gln Ser Glu Ala Gly Ser His Thr Leu Gln Trp Met His Gly Cys

225 230 235 240

Glu Leu Gly Pro Asp Gly Arg Phe Leu Arg Gly Tyr Glu Gln Phe Ala

245 250 255

Tyr Asp Gly Lys Asp Tyr Leu Thr Leu Asn Glu Asp Leu Arg Ser Trp

260 265 270

Thr Ala Val Asp Thr Ala Ala Gln Ile Ser Glu Gln Lys Ser Asn Asp

275 280 285

Ala Ser Glu Ala Glu His Gln Arg Ala Tyr Leu Glu Asp Thr Cys Val

290 295 300

Glu Trp Leu His Lys Tyr Leu Glu Lys Gly Lys Glu Thr Leu Leu His

305 310 315 320

Leu Glu Pro Pro Lys Thr His Val Thr His His Pro Ile Ser Asp His

325 330 335

Glu Ala Thr Leu Arg Cys Trp Ala Leu Gly Phe Tyr Pro Ala Glu Ile

340 345 350

Thr Leu Thr Trp Gln Gln Asp Gly Glu Gly His Thr Gln Asp Thr Glu

355 360 365

Leu Val Glu Thr Arg Pro Ala Gly Asp Gly Thr Phe Gln Lys Trp Ala

370 375 380

Ala Val Val Val Pro Ser Gly Glu Glu Gln Arg Tyr Thr Cys His Val

385 390 395 400

Gln His Glu Gly Leu Pro Glu Pro Val Thr Leu Arg Trp Lys Pro Ala

405 410 415

Ser Gln Pro Thr Ile Pro Ile Val Gly Ile Ile Ala Gly Leu Val Leu

420 425 430

Leu Gly Ser Val Val Ser Gly Ala Val Val Ala Ala Val Ile Trp Arg

435 440 445

Lys Lys Ser Ser Gly Gly Lys Gly Gly Ser Tyr Ser Lys Ala Glu Trp

450 455 460

Ser Asp Ser Ala Gln Gly Ser Glu Ser His Ser Leu

465 470 475

<210> 6

<211> 1428

<212> ADN

<213> homo sapiens

<220>

<221> gen

<222> (1)..(1428)

<400> 6

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aatttcctga attgctatgt gtctgggttt catccatccg acattgaagt tgacttactg 180

aagaatggag agagaattga aaaagtggag cattcagact tgtctttcag caaggactgg 240

tctttctatc tcttgtacta cactgaattc acccccactg aaaaagatga gtatgcctgc 300

cgtgtgaacc atgtgacttt gtcacagccc aagatagtta agtgggatcg agacatgggt 360

ggtggcggtt ctggtggtgg cggtagtggc ggcggaggaa gcggtggtgg cggttccggt 420

tcccactcct tgaagtattt ccacacttcc gtgtcccggc ccggccgcgg ggagccccgc 480

ttcatctctg tgggctacgt ggacgacacc cagttcgtgc gcttcgacaa cgacgccgcg 540

agtccgagga tggtgccgcg ggcgccgtgg atggagcagg aggggtcaga gtattgggac 600

cgggagacac ggagcgccag ggacaccgca cagattttcc gagtgaacct gcggacgctg 660

cgcggctact acaatcagag cgaggccggt tctcacaccc tgcagtggat gcatggctgc 720

gagctggggc ccgacaggcg cttcctccgc gggtatgaac agttcgccta cgacggcaag 780

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gacacatgcg tggagtggct ccacaaatac ctggagaagg ggaaggagac gctgcttcac 960

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<210> 7

<211> 1428

<212> ADN

<213> homo sapiens

<220>

<221> gen

<222> (1)..(1428)

<400> 7

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aatttcctga attgctatgt gtctgggttt catccatccg acattgaagt tgacttactg 180

aagaatggag agagaattga aaaagtggag cattcagact tgtctttcag caaggactgg 240

tctttctatc tcttgtacta cactgaattc acccccactg aaaaagatga gtatgcctgc 300

cgtgtgaacc atgtgacttt gtcacagccc aagatagtta agtgggatcg agacatgggt 360

ggtggcggtt ctggtggtgg cggtagtggc ggcggaggaa gcggtggtgg cggttccggt 420

tcccactcct tgaagtattt ccacacttcc gtgtcccggc ccggccgcgg ggagccccgc 480

ttcatctctg tgggctacgt ggacgacacc cagttcgtgc gcttcgacaa cgacgccgcg 540

agtccgagga tggtgccgcg ggcgccgtgg atggagcagg aggggtcaga gtattgggac 600

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cgcggctact acaatcagag cgaggccggt tctcacaccc tgcagtggat gcatggctgc 720

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aaggctgagt ggagcgacag tgcccagggg tctgagtctc acagcttg 1428

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<211> 376

<212> PRT

<213> virus del herpes simple

<220>

<221> PÉPTIDO

<222> (1)..(376)

<400> 8

Met Ala Ser Tyr Pro Gly His Gln His Ala Ser Ala Phe Asp Gln Ala

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Ala Arg Ser Arg Gly His Ser Asn Arg Arg Thr Ala Leu Arg Pro Arg

20 25 30

Arg Gln Gln Glu Ala Thr Glu Val Arg Pro Glu Gln Lys Met Pro Thr

35 40 45

Leu Leu Arg Val Tyr Ile Asp Gly Pro His Gly Met Gly Lys Thr Thr

50 55 60

Thr Thr Gln Leu Leu Val Ala Leu Gly Ser Arg Asp Asp Ile Val Tyr

65 70 75 80

Val Pro Glu Pro Met Thr Tyr Trp Arg Val Leu Gly Ala Ser Glu Thr

85 90 95

Ile Ala Asn Ile Tyr Thr Thr Gln His Arg Leu Asp Gln Gly Glu Ile

100 105 110

Ser Ala Gly Asp Ala Ala Val Val Met Thr Ser Ala Gln Ile Thr Met

115 120 125

Gly Met Pro Tyr Ala Val Thr Asp Ala Val Leu Ala Pro His Ile Gly

130 135 140

Gly Glu Ala Gly Ser Ser His Ala Pro Pro Pro Ala Leu Thr Leu Ile

145 150 155 160

Phe Asp Arg His Pro Ile Ala Ala Leu Leu Cys Tyr Pro Ala Ala Arg

165 170 175

Tyr Leu Met Gly Ser Met Thr Pro Gln Ala Val Leu Ala Phe Val Ala

180 185 190

Leu Ile Pro Pro Thr Leu Pro Gly Thr Asn Ile Val Leu Gly Ala Leu

195 200 205

Pro Glu Asp Arg His Ile Asp Arg Leu Ala Lys Arg Gln Arg Pro Gly

210 215 220

Glu Arg Leu Asp Leu Ala Met Leu Ala Ala Ile Arg Arg Val Tyr Gly

225 230 235 240

Leu Leu Ala Asn Thr Val Arg Tyr Leu Gln Cys Gly Gly Ser Trp Arg

245 250 255

Glu Asp Trp Gly Gln Leu Ser Gly Thr Ala Val Pro Pro Gln Gly Ala

260 265 270

Glu Pro Gln Ser Asn Ala Gly Pro Arg Pro His Ile Gly Asp Thr Leu

275 280 285

Phe Thr Leu Phe Arg Ala Pro Glu Leu Leu Ala Pro Asn Gly Asp Leu

290 295 300

Tyr Asn Val Phe Ala Trp Ala Leu Asp Val Leu Ala Lys Arg Leu Arg

305 310 315 320

Ser Met His Val Phe Ile Leu Asp Tyr Asp Gln Ser Pro Ala Gly Cys

325 330 335

Arg Asp Ala Leu Leu Gln Leu Thr Ser Gly Met Val Gln Thr His Val

340 345 350

Thr Thr Pro Gly Ser Ile Pro Thr Ile Cys Asp Leu Ala Arg Thr Phe

355 360 365

Ala Arg Glu Met Gly Glu Ala Asn

370 375

<210> 9

<211> 1128

<212> ADN

<213> virus del herpes simple

<220>

<221> gen

<222> (1)..(1128)

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aggcctgagc agaagatgcc aaccctgctg agggtgtaca ttgatggacc tcatggcatg 180

ggcaagacca ccaccactca actgctggtg gcactgggct ccagggatga cattgtgtat 240

gtgcctgagc caatgaccta ctggagagtg ctaggagcct ctgagaccat tgccaacatc 300

tacaccaccc agcacaggct ggaccaggga gaaatctctg ctggagatgc tgctgtggtg 360

atgacctctg cccagatcac aatgggaatg ccctatgctg tgactgatgc tgttctggct 420

cctcacattg gaggagaggc tggctcttct catgcccctc cacctgccct gaccctgatc 480

tttgacagac accccattgc agccctgctg tgctacccag cagcaaggta cctcatgggc 540

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