eolf-seql

SEQUENCE LISTING

<110> Sanofi

<120> Novel selection marker for cell transfection and protein production

<130> FR2014/014

<160> 4

<170> PatentIn version 3.5

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<211> 1188
<212> DNA
<213> Cricetus cricetus

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<212> PRT
<213> Cricetus cricetus

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Asp Asp His Phe Tyr Ala Glu Tyr Leu Met Pro Ala Leu Gln Arg Leu
35 40 45

Leu Asp Pro Glu Ser Ala His Arg Leu Ala Ile Arg Phe Thr Ser Leu
50 55 60

Gly Leu Leu Pro Arg Ala Thr Phe Gln Asp Ser Asp Met Leu Glu Val
65 70 75 80

Arg Val Leu Gly His Lys Phe Arg Asn Pro Val Gly Ile Ala Ala Gly
85 90 95

Phe Asp Lys His Gly Glu Ala Val Asp Gly Leu Tyr Lys Leu Gly Phe
100 105 110

Gly Phe Val Glu Val Gly Ser Val Thr Pro Gln Pro Gln Glu Gly Asn

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Pro Arg Pro Arg Val Phe Arg Leu Pro Glu Asp Gln Ala Val Ile Asn
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Arg Tyr Gly Phe Asn Ser His Gly Leu Ser Val Val Glu His Arg Leu
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Arg Ala Arg Gln Gln Lys Gln Asn Lys Leu Thr Ala Asp Gly Leu Pro
                165                 170                 175

Leu Gly Ile Asn Leu Gly Lys Asn Lys Thr Ser Glu Asp Ala Ala Ala
            180                 185                 190

Asp Tyr Val Glu Gly Val Arg Val Leu Gly Pro Leu Ala Asp Tyr Leu
        195                 200                 205

Val Val Asn Val Ser Ser Pro Asn Thr Ala Gly Leu Arg Ser Leu Gln
    210                 215                 220

Gly Lys Ala Glu Leu Arg Arg Leu Leu Ala Lys Val Leu Gln Glu Arg
225                 230                 235                 240

Asp Ala Leu Lys Gly Ala Gln Lys Pro Ala Val Leu Val Lys Ile Ala
                245                 250                 255

Pro Asp Leu Thr Ala Gln Asp Lys Glu Asp Ile Ala Ser Val Ala Arg
            260                 265                 270

Glu Leu Gly Ile Asp Gly Leu Ile Val Thr Asn Thr Thr Val Ser Arg
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Pro Thr Gly Leu Gln Gly Ala Leu Arg Ser Glu Met Gly Gly Leu Ser
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Gly Lys Pro Leu Arg Asp Leu Ser Thr Gln Thr Ile Arg Glu Met Tyr
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Thr Leu Thr Gln Gly Arg Ile Pro Ile Ile Gly Val Gly Gly Val Ser
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Ser Gly Gln Asp Ala Leu Glu Lys Ile Gln Ala Gly Ala Ser Leu Val
340 345 350

Gln Leu Tyr Thr Ala Leu Thr Phe Leu Gly Pro Pro Val Val Val Arg
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Val Thr Glu Ala Ile Gly Ala Asp His Arg Arg
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<210> 4
<211> 395
<212> PRT
<213> Homo sapiens

<400> 4

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Leu Gly Gly Gly Gly Leu Leu Phe Ala Ser Tyr Leu Met Ala Thr Gly
20 25 30

Asp Glu Arg Phe Tyr Ala Glu His Leu Met Pro Thr Leu Gln Gly Leu
35 40 45

Leu Asp Pro Glu Ser Ala His Arg Leu Ala Val Arg Phe Thr Ser Leu
50 55 60

Gly Leu Leu Pro Arg Ala Arg Phe Gln Asp Ser Asp Met Leu Glu Val
65 70 75 80

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Arg Val Leu Gly His Lys Phe Arg Asn Pro Val Gly Ile Ala Ala Gly
                85                  90                  95

Phe Asp Lys His Gly Glu Ala Val Asp Gly Leu Tyr Lys Met Gly Phe
            100                 105                 110

Gly Phe Val Glu Ile Gly Ser Val Thr Pro Lys Pro Gln Glu Gly Asn
        115                 120                 125

Pro Arg Pro Arg Val Phe Arg Leu Pro Glu Asp Gln Ala Val Ile Asn
    130                 135                 140

Arg Tyr Gly Phe Asn Ser His Gly Leu Ser Val Val Glu His Arg Leu
145                 150                 155                 160

Arg Ala Arg Gln Gln Lys Gln Ala Lys Leu Thr Glu Asp Gly Leu Pro
                165                 170                 175

Leu Gly Val Asn Leu Gly Lys Asn Lys Thr Ser Val Asp Ala Ala Glu
            180                 185                 190

Asp Tyr Ala Glu Gly Val Arg Val Leu Gly Pro Leu Ala Asp Tyr Leu
        195                 200                 205

Val Val Asn Val Ser Ser Pro Asn Thr Ala Gly Leu Arg Ser Leu Gln
    210                 215                 220

Gly Lys Ala Glu Leu Arg Arg Leu Leu Thr Lys Val Leu Gln Glu Arg
225                 230                 235                 240

Asp Gly Leu Arg Arg Val His Arg Pro Ala Val Leu Val Lys Ile Ala
                245                 250                 255

Pro Asp Leu Thr Ser Gln Asp Lys Glu Asp Ile Ala Ser Val Val Lys
            260                 265                 270
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Glu Leu Gly Ile Asp Gly Leu Ile Val Thr Asn Thr Thr Val Ser Arg
        275                 280                 285

Pro Ala Gly Leu Gln Gly Ala Leu Arg Ser Glu Thr Gly Gly Leu Ser
    290                 295                 300

Gly Lys Pro Leu Arg Asp Leu Ser Thr Gln Thr Ile Arg Glu Met Tyr
305                 310                 315                 320

Ala Leu Thr Gln Gly Arg Val Pro Ile Ile Gly Val Gly Gly Val Ser
                325                 330                 335

Ser Gly Gln Asp Ala Leu Glu Lys Ile Arg Ala Gly Ala Ser Leu Val
            340                 345                 350

Gln Leu Tyr Thr Ala Leu Thr Phe Trp Gly Pro Pro Val Val Gly Lys
        355                 360                 365

Val Lys Arg Glu Leu Glu Ala Leu Leu Lys Glu Gln Gly Phe Gly Gly
    370                 375                 380

Val Thr Asp Ala Ile Gly Ala Asp His Arg Arg
385                 390                 395
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