

LISTADO DE SECUENCIAS

<110> Consejo Superior de Investigaciones Científicas (CSIC) y Universidad Politécnica de Valencia

<120> vector para la coexpresión de varias proteínas heterólogas en cantidades equimolares

<130> ES1641.687

<160> 24

<170> PatentIn version 3.5

<210> 1
 <211> 11
 <212> PRT
 <213> Tobacco etch virus

<400> 1
 Met Ser Glu Leu Val Tyr Ser Gln Gly Glu Lys
 1 5 10

<210> 2
 <211> 11
 <212> PRT
 <213> Tobacco etch virus

<400> 2
 Thr Thr Glu Asn Leu Tyr Phe Gln Ser Gly Thr
 1 5 10

<210> 3
 <211> 244
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Proteína mCherry marcada con la etiqueta FLAG y con mutaciones silenciosas

<400> 3
 Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Ser Lys Gly Glu Glu Asp
 1 5 10 15
 Asn Met Ala Ile Ile Lys Glu Phe Met Arg Phe Lys Val His Met Glu
 20 25 30
 Gly Ser Val Asn Gly His Glu Phe Glu Ile Glu Gly Glu Gly Glu Gly
 35 40 45
 Arg Pro Tyr Glu Gly Thr Gln Thr Ala Lys Leu Lys Val Thr Lys Gly
 50 55 60
 Gly Pro Leu Pro Phe Ala Trp Asp Ile Leu Ser Pro Gln Phe Met Tyr
 65 70 75 80
 Gly Ser Lys Ala Tyr Val Lys His Pro Ala Asp Ile Pro Asp Tyr Leu
 85 90 95
 Lys Leu Ser Phe Pro Glu Gly Phe Lys Trp Glu Arg Val Met Asn Phe
 100 105 110

Glu Asp Gly Gly Val Val Thr Val Thr Gln Asp Ser Ser Leu Gln Asp
 115 120 125
 Gly Glu Phe Ile Tyr Lys Val Lys Leu Arg Gly Thr Asn Phe Pro Ser
 130 135 140
 Asp Gly Pro Val Met Gln Lys Lys Thr Met Gly Trp Glu Ala Ser Ser
 145 150 155 160
 Glu Arg Met Tyr Pro Glu Asp Gly Ala Leu Lys Gly Glu Ile Lys Gln
 165 170 175
 Arg Leu Lys Leu Lys Asp Gly Gly His Tyr Asp Ala Glu Val Lys Thr
 180 185 190
 Thr Tyr Lys Ala Lys Lys Pro Val Gln Leu Pro Gly Ala Tyr Asn Val
 195 200 205
 Asn Ile Lys Leu Asp Ile Thr Ser His Asn Glu Asp Tyr Thr Ile Val
 210 215 220
 Glu Gln Tyr Glu Arg Ala Glu Gly Arg His Ser Thr Gly Gly Met Asp
 225 230 235 240
 Glu Leu Tyr Lys

<210> 4
 <211> 248
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Proteína Venus marcada con la etiqueta HA

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 Tyr Pro Tyr Asp Val Pro Asp Tyr Ala Met Val Ser Lys Gly Glu Glu
 1 5 10 15
 Leu Phe Thr Gly Val Val Pro Ile Leu Val Glu Leu Asp Gly Asp Val
 20 25 30
 Asn Gly His Lys Phe Ser Val Ser Gly Glu Gly Glu Gly Asp Ala Thr
 35 40 45
 Tyr Gly Lys Leu Thr Leu Lys Leu Ile Cys Thr Thr Gly Lys Leu Pro
 50 55 60
 Val Pro Trp Pro Thr Leu Val Thr Thr Leu Gly Tyr Gly Leu Gln Cys
 65 70 75 80
 Phe Ala Arg Tyr Pro Asp His Met Lys Gln His Asp Phe Phe Lys Ser
 85 90 95
 Ala Met Pro Glu Gly Tyr Val Gln Glu Arg Thr Ile Phe Phe Lys Asp
 100 105 110
 Asp Gly Asn Tyr Lys Thr Arg Ala Glu Val Lys Phe Glu Gly Asp Thr
 115 120 125
 Leu Val Asn Arg Ile Glu Leu Lys Gly Ile Asp Phe Lys Glu Asp Gly
 130 135 140
 Asn Ile Leu Gly His Lys Leu Glu Tyr Asn Tyr Asn Ser His Asn Val
 145 150 155 160
 Tyr Ile Thr Ala Asp Lys Gln Lys Asn Gly Ile Lys Ala Asn Phe Lys
 165 170 175
 Ile Arg His Asn Ile Glu Asp Gly Gly Val Gln Leu Ala Asp His Tyr
 180 185 190

Gln Gln Asn Thr Pro Ile Gly Asp Gly Pro Val Leu Leu Pro Asp Asn
195 200 205
His Tyr Leu Ser Tyr Gln Ser Ala Leu Ser Lys Asp Pro Asn Glu Lys
210 215 220
Arg Asp His Met Val Leu Leu Glu Phe Val Thr Ala Ala Gly Ile Thr
225 230 235 240
Leu Gly Met Asp Glu Leu Tyr Lys
245

<210> 5
<211> 243
<212> PRT
<213> Artificial Sequence

<220>
<223> Proteína mTagBFP marcada con la etiqueta c-Myc

<400> 5
Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Met Ser Glu Leu Ile Lys
1 5 10 15
Glu Asn Met His Met Lys Leu Tyr Met Glu Gly Thr Val Asp Asn His
20 25 30
His Phe Lys Cys Thr Ser Glu Gly Glu Gly Lys Pro Tyr Glu Gly Thr
35 40 45
Gln Thr Met Arg Ile Lys Val Val Glu Gly Gly Pro Leu Pro Phe Ala
50 55 60
Phe Asp Ile Leu Ala Thr Ser Phe Leu Tyr Gly Ser Lys Thr Phe Ile
65 70 75 80
Asn His Thr Gln Gly Ile Pro Asp Phe Phe Lys Gln Ser Phe Pro Glu
85 90 95
Gly Phe Thr Trp Glu Arg Val Thr Thr Tyr Glu Asp Gly Gly Val Leu
100 105 110
Thr Ala Thr Gln Asp Thr Ser Leu Gln Asp Gly Cys Leu Ile Tyr Asn
115 120 125
Val Lys Ile Arg Gly Val Asn Phe Thr Ser Asn Gly Pro Val Met Gln
130 135 140
Lys Lys Thr Leu Gly Trp Glu Ala Phe Thr Glu Thr Leu Tyr Pro Ala
145 150 155 160
Asp Gly Gly Leu Glu Gly Arg Asn Asp Met Ala Leu Lys Leu Val Gly
165 170 175
Gly Ser His Leu Ile Ala Asn Ile Lys Thr Thr Tyr Arg Ser Lys Lys
180 185 190
Pro Ala Lys Asn Leu Lys Met Pro Gly Val Tyr Tyr Val Asp Tyr Arg
195 200 205
Leu Glu Arg Ile Lys Glu Ala Asn Asn Glu Thr Tyr Val Glu Gln His
210 215 220
Glu Val Ala Val Ala Arg Tyr Cys Asp Leu Pro Ser Lys Leu Gly His
225 230 235 240
Lys Leu Asn

<210> 6
<211> 60
<212> DNA
<213> Artificial Sequence

<220>
<223> Cebador PI para amplificar el cDNA de mCherry a partir de pmCherry

<400> 6
ggcgggtctc ggaaggacta caaggacgac gatgacaaaa tggtttagcaa aggcgaggag 60

<210> 7
<211> 35
<212> DNA
<213> Artificial Sequence

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<223> Cebador PII para amplificar el cDNA de mCherry a partir de pmCherry

<400> 7
ggcgggtctc gtcgtcttat acagctcatc catgc 35

<210> 8
<211> 63
<212> DNA
<213> Artificial Sequence

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<223> Cebador PIII para amplificar el cDNA de Venus a partir de pDH51-GW-YFP

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gag 63

<210> 9
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Cebador PIV para amplificar el cDNA de Venus a partir de pDH51-GW-YFP

<400> 9
ggcgggtctc gtcgtcttgt acagctcgtc catgc 35

<210> 10
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Cebador PV para amplificar el cDNA de mTagBFP a partir de pmTagBFP

<400> 10
ggcgggtctc ggaaggaaca aaaacttatt tctgaagaag atctgatgag cgagctgatt 60
aaggag 66

<210> 11
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Cebador PVI para amplificar el cDNA de mTagBFP a partir de pmTagBFP

<400> 11
 ggcgggtctc gtcgtattaa gcttgtgccc cagtttg 37

<210> 12
 <211> 33
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Cebador PVII para amplificar pTEV89

<400> 12
 ggcgggtctc gcttctcccc ttgcgagtac acc 33

<210> 13
 <211> 33
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Cebador PVIII para amplificar pTEV89

<400> 13
 ggcgggtctc gacgactgag aatctttatt ttc 33

<210> 14
 <211> 64
 <212> DNA
 <213> Artificial Sequence

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 <223> Cebador PIX para amplificar el cDNA de FLAG-mCherry a partir de pTEV89ANIB-Cherry

<400> 14
 ggcgggtctc gagtgccgct ttggaagtac aagttttcag tcgtcttata cagctcatcc 60
 atgc 64

<210> 15
 <211> 39
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Cebador PX para amplificar el cDNA de HA-Venus a partir de pTEV89ANIB-Venus

<400> 15
 ggcgggtctc gcacttacc atacgatgtt ccagattac 39

<210> 16
 <211> 64
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Cebador PXI para amplificar el cDNA de HA-Venus a partir de pTEV89ANIB-Venus

<400> 16
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 atgc 64

<210> 17
 <211> 37
 <212> DNA

<213> Artificial Sequence

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<223> Cebador PXII para amplificar el cDNA de c-Myc-mTagBFP a partir de pTEV89ANIB-Blue

<400> 17

ggcgggtctc gtacagaaca aaaacttatt tctgaag 37

<210> 18

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> Cebador PXIII para amplificar el cDNA de la NIB del TEV a partir de pGTEV

<400> 18

ggcgcgcgat gggggagaag aggaaatggg tc 32

<210> 19

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Cebador PXIV para amplificar el cDNA de la NIB del TEV a partir de pGTEV

<400> 19

ggcgggtctc gtcgcact gaaaataaag attctcagtc 40

<210> 20

<211> 25

<212> DNA

<213> Artificial Sequence

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<223> Cebador PXV complementario a las posiciones 9.471-9.495 de TEV-DQ986288

<400> 20

ctcgactac ataggagaat tagac 25

<210> 21

<211> 25

<212> DNA

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<223> Cebador PXVI homólogo a las posiciones 8.518-8.542 de TEV-DQ986288

<400> 21

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<212> DNA

<213> Artificial Sequence

<220>

<223> Cebador PXVII complementario a las posiciones 9.289-9.306 de TEV-DQ986288

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<210> 23
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Cebador PXVIII homólogo a las posiciones 6.506-6.530 de TEV-DQ986288

<400> 23
ctcgactac ataggagaat tagac 25

<210> 24
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Cebador PXIX complementario a las posiciones 8.500-8.526 de TEV-DQ986288

<400> 24
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