

ÐòÁÐ±í

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<220>
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Thr Tyr Phe Met Ala
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<400> 2

Gly Gly Ile Arg Trp Ser Asp Gly Val Pro His Tyr Ala Asp Ser Val
1 5 10 15

Lys Gly

<210> 3
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<220>
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<400> 3

Cys Ala Ser Arg Gly Ile Ala Asp Gly Ser Asp Phe Gly Ser
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<213> ÈË¹¤ÐòÁÐ(Artificial Sequence)

<220>
<223> BCMA½áºİ½á¹¹Óò°±»ùËáÐòÁÐ

<400> 4

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

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

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

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

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

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

Ala Ser Arg Gly Ile Ala Asp Gly Ser Asp Phe Gly Ser Tyr Gly Gln
100 105 110

Gly Thr Gln Val Thr Val Ser Ser
115 120

<210> 5
<211> 21
<212> PRT
<213> ÈË¹¤ÐòÁÐ(Artificial Sequence)

<220>
<223> ¿çÄ¤½á¹¹Óò°±»ùËáÐòÁÐ

<400> 5

Ile Tyr Ile Trp Ala Pro Leu Ala Gly Thr Cys Gly Val Leu Leu Leu
1 5 10 15

Ser Leu Val Ile Thr
20

<210> 6

<211> 49

<212> PRT

<213> ÈË¹¤ÐÒÁÐ(Artificial Sequence)

<220>

<223> ½ÂÁ´Çø°±»ùËáÐÒÁÐ

<400> 6

Pro Ala Lys Pro Thr Thr Thr Pro Ala Pro Arg Pro Pro Thr Pro Ala
1 5 10 15

Pro Thr Ile Ala Ser Gln Pro Leu Ser Leu Arg Pro Glu Ala Cys Arg
20 25 30

Pro Ala Ala Gly Gly Ala Val His Thr Arg Gly Leu Asp Phe Ala Cys
35 40 45

Asp

<210> 7

<211> 42

<212> PRT

<213> ÈË¹¤ÐÒÁÐ(Artificial Sequence)

<220>

<223> ¹²´İ¼¤¼á¹¹Óò°±»ùËáÐÒÁÐ

<400> 7

Lys Arg Gly Arg Lys Lys Leu Leu Tyr Ile Phe Lys Gln Pro Phe Met
1 5 10 15

Arg Pro Val Gln Thr Thr Gln Glu Glu Asp Gly Cys Ser Cys Arg Phe
20 25 30

Pro Glu Glu Glu Glu Gly Gly Cys Glu Leu
35 40

<210> 8
<211> 114
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<213> ÈË¹¤ÐòÁÐ(Artificial Sequence)

<220>
<223> °ûÄÚÐÅ°Å´«µ¼½á¹¹Óò°±»ùËáÐòÁÐ

<400> 8

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

Gly Gln Asn Gln Leu Tyr Asn Glu Leu Asn Leu Gly Arg Arg Glu Glu
20 25 30

Tyr Asp Val Leu Asp Lys Arg Arg Gly Arg Asp Pro Glu Met Gly Gly
35 40 45

Lys Pro Gln Arg Arg Lys Asn Pro Gln Glu Gly Leu Tyr Asn Glu Leu
50 55 60

Gln Lys Asp Lys Met Ala Glu Ala Tyr Ser Glu Ile Gly Met Lys Gly
65 70 75 80

Glu Arg Arg Arg Gly Lys Gly His Asp Gly Leu Tyr Gln Gly Leu Ser
85 90 95

Thr Ala Thr Lys Asp Thr Tyr Asp Ala Leu His Met Gln Ala Leu Pro
100 105 110

Pro Arg

<210> 9
<211> 21
<212> PRT
<213> ÈË¹¤ÐòÁÐ(Artificial Sequence)

<220>
<223> Ç°µ¼ÐòÁÐ°±»ùËáÐòÁÐ

<400> 9

Met Ala Leu Pro Val Thr Ala Leu Leu Leu Pro Leu Ala Leu Leu Leu
1 5 10 15

His Ala Ala Arg Pro
20

<210> 10

<211> 369

<212> PRT

<213> ÈË¹¤ÐòÁÐ(Artificial Sequence)

<220>

<223> ÍêÕûµÄCARµÄ°±»ùËáÐòÁÐ£¨°µ¼ÐòÁÐ£©

<400> 10

Met Ala Leu Pro Val Thr Ala Leu Leu Leu Pro Leu Ala Leu Leu Leu
1 5 10 15

His Ala Ala Arg Pro Glu Val Gln Leu Gln Ala Ser Gly Gly Gly Leu
20 25 30

Ala Gln Pro Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg
35 40 45

Thr Phe Ser Thr Tyr Phe Met Ala Trp Phe Arg Gln Pro Pro Gly Lys
50 55 60

Gly Leu Glu Tyr Val Gly Gly Ile Arg Trp Ser Asp Gly Val Pro His
65 70 75 80

Tyr Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala
85 90 95

Lys Asn Thr Val Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
100 105 110

Ala Val Tyr Phe Cys Ala Ser Arg Gly Ile Ala Asp Gly Ser Asp Phe
115 120 125

Gly Ser Tyr Gly Gln Gly Thr Gln Val Thr Val Ser Ser Pro Ala Lys
130 135 140

Pro Thr Thr Thr Pro Ala Pro Arg Pro Pro Thr Pro Ala Pro Thr Ile
145 150 155 160

Ala Ser Gln Pro Leu Ser Leu Arg Pro Glu Ala Cys Arg Pro Ala Ala
165 170 175

Gly Gly Ala Val His Thr Arg Gly Leu Asp Phe Ala Cys Asp Ile Tyr
180 185 190

Ile Trp Ala Pro Leu Ala Gly Thr Cys Gly Val Leu Leu Leu Ser Leu
195 200 205

Val Ile Thr Leu Tyr Cys Lys Arg Gly Arg Lys Lys Leu Leu Tyr Ile
210 215 220

Phe Lys Gln Pro Phe Met Arg Pro Val Gln Thr Thr Gln Glu Glu Asp
225 230 235 240

Gly Cys Ser Cys Arg Phe Pro Glu Glu Glu Glu Gly Gly Cys Glu Leu
245 250 255

Arg Val Lys Phe Ser Arg Ser Ala Asp Ala Pro Ala Tyr Gln Gln Gly
260 265 270

Gln Asn Gln Leu Tyr Asn Glu Leu Asn Leu Gly Arg Arg Glu Glu Tyr
275 280 285

Asp Val Leu Asp Lys Arg Arg Gly Arg Asp Pro Glu Met Gly Gly Lys
290 295 300

Pro Gln Arg Arg Lys Asn Pro Gln Glu Gly Leu Tyr Asn Glu Leu Gln
305 310 315 320

Lys Asp Lys Met Ala Glu Ala Tyr Ser Glu Ile Gly Met Lys Gly Glu
325 330 335

Arg Arg Arg Gly Lys Gly His Asp Gly Leu Tyr Gln Gly Leu Ser Thr
340 345 350

Ala Thr Lys Asp Thr Tyr Asp Ala Leu His Met Gln Ala Leu Pro Pro
355 360 365

Arg

<210> 11
<211> 348
<212> PRT
<213> ÈĚ¹¤ÐòÁÐ(Artificial Sequence)

<220>
<223> ÍĚŌûµÄCARµÄ°±»ùĚáÐòÁÐĚ´²»º¬Ç°µ¼ÐòÁÐĚ©

<400> 11

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

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

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

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

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

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

Ala Ser Arg Gly Ile Ala Asp Gly Ser Asp Phe Gly Ser Tyr Gly Gln
100 105 110

Gly Thr Gln Val Thr Val Ser Ser Pro Ala Lys Pro Thr Thr Thr Pro
115 120 125

Ala Pro Arg Pro Pro Thr Pro Ala Pro Thr Ile Ala Ser Gln Pro Leu
130 135 140

Ser Leu Arg Pro Glu Ala Cys Arg Pro Ala Ala Gly Gly Ala Val His
145 150 155 160

Thr Arg Gly Leu Asp Phe Ala Cys Asp Ile Tyr Ile Trp Ala Pro Leu
165 170 175

Ala Gly Thr Cys Gly Val Leu Leu Leu Ser Leu Val Ile Thr Leu Tyr
180 185 190

Cys Lys Arg Gly Arg Lys Lys Leu Leu Tyr Ile Phe Lys Gln Pro Phe
195 200 205

Met Arg Pro Val Gln Thr Thr Gln Glu Glu Asp Gly Cys Ser Cys Arg
210 215 220

Phe Pro Glu Glu Glu Glu Gly Gly Cys Glu Leu Arg Val Lys Phe Ser
225 230 235 240

Arg Ser Ala Asp Ala Pro Ala Tyr Gln Gln Gly Gln Asn Gln Leu Tyr
245 250 255

Asn Glu Leu Asn Leu Gly Arg Arg Glu Glu Tyr Asp Val Leu Asp Lys
260 265 270

Arg Arg Gly Arg Asp Pro Glu Met Gly Gly Lys Pro Gln Arg Arg Lys
275 280 285

Asn Pro Gln Glu Gly Leu Tyr Asn Glu Leu Gln Lys Asp Lys Met Ala
290 295 300

Glu Ala Tyr Ser Glu Ile Gly Met Lys Gly Glu Arg Arg Arg Gly Lys
305 310 315 320

Gly His Asp Gly Leu Tyr Gln Gly Leu Ser Thr Ala Thr Lys Asp Thr
325 330 335

Tyr Asp Ala Leu His Met Gln Ala Leu Pro Pro Arg
340 345

<210> 12

<211> 1110

<212> DNA
<213> ËË¹¤ÐòÁÐ(Artificial Sequence)

<220>
<223> ±àÂëCARµÄºËËáÐòÁÐ£¨¨º-Çºµ¼ÐòÁÐ£©

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ccggaagtcc aactccaggc ttccggtggc ggtctggcac agcctggagg gtccctgcgg 120
ctctcctgcg cagcaagtgg caggactttc agtacctact ttatggcctg gttcagacag 180
ccacctggca aaggcctcga atacgtcgga gggattaggt ggtctgacgg tgtccctcac 240
tacgctgaca gtgtgaaggg tcggttcacc attagcagag acaacgctaa gaatacagtg 300
tacctgcaaa tgaactcact gagagctgag gatactgctg tgtacttctg cgcattctcg 360
ggaatcgctg acgggtcaga ctttggctcc tatggacagg gcacccagggt gactgtgagt 420
tccccagcga agcccaccac gacgccagcg ccgcgaccac caacaccggc gcccaccatc 480
gcgtcgcagc ccctgtccct gcgcccagag gcgtgccggc cagcggcggg gggcgcagtg 540
cacacgaggg ggctggactt cgcctgtgat atctacatct gggcgccctt ggccgggact 600
tgtgggggtcc ttctcctgtc actggttatc accctttact gcaaacgggg cagaaagaaa 660
ctcctgtata tattcaaaca accatttatg agaccagtac aaactactca agaggaagat 720
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agcaggagcg cagacgcccc cgcgtaccag cagggccaga accagctcta taacgagctc 840
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atgggggggaa agccgcagag aaggaagaac cctcaggaag gcctgtacaa tgaactgcag 960
aaagataaga tggcggaggc ctacagtgag attgggatga aaggcgagcg ccggaggggc 1020
aaggggcacg atggccttta ccagggtctc agtacagcca ccaaggacac ctacgacgcc 1080
cttcacatgc aggccctgcc ccctcgctaa 1110

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<212> DNA
<213> ËË¹¤ÐòÁÐ(Artificial Sequence)

<220>
<223> ±àÂëCARµÄºËËáÐòÁÐ£¨¨²»º-Çºµ¼ÐòÁÐ£©

<400> 13
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tcctgcgcag caagtggcag gactttcagt acctacttta tggcctgggt cagacagcca 120
cctggcaaag gcctcgaata cgtcggaggg attaggtgggt ctgacgggtgt ccctcactac 180
gctgacagtg tgaagggtcg gttcaccatt agcagagaca acgctaagaa tacagtgtac 240
ctgcaaatga actcactgag agctgaggat actgctgtgt acttctgcgc atctcgcgga 300
atcgctgacg ggtcagactt tggctcctat ggacagggca cccaggtgac tgtgagttcc 360
ccagcgaagc ccaccacgac gccagcgccg cgaccaccaa caccggcgcc caccatcgcg 420
tcgcagcccc tgtccctgcg cccagaggcg tgccggccag cggcgggggg cgcagtgcac 480
acgagggggg tggacttcgc ctgtgatata tacatctggg cgcccttggc cgggacttgt 540
ggggtccttc tcctgtcact gggtatcacc ctttactgca aacggggcag aaagaaactc 600
ctgtatatat tcaaacaacc atttatgaga ccagtacaaa ctactcaaga ggaagatggc 660
tntagctgcc gatttccaga agaagaagaa ggaggatgtg aactgagagt gaagttcagc 720
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ctaggacgaa gagaggagta cgatgttttg gacaagagac gtggccggga ccctgagatg 840
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gataagatgg cggaggccta cagtgagatt gggatgaaag gcgagcgccg gaggggcaag 960
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<210> 14
<211> 553
<212> DNA
<213> ÈË¹¤ÐòÁÐ(Artificial Sequence)

<220>
<223> EF1ÆôŒ¯×ÓµÄºËËáÐòÁÐ

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aaactgggaa agtgatgtcg tgtactggct ccgccttttt cccgagggtg ggggagaacc 180
gtatataagt gcagtagtcg ccgtgaacgt tctttttcgc aacgggtttg ccgccagaac 240

acagctgaag cttcgagggg ctcgcatctc tccttcacgc gcccgccgcc ctacctgagg	300
ccgccatcca cgccggttga gtcgcgttct gccgcctccc gcctgtggtg cctcctgaac	360
tgcgtccgcc gtctaggtaa gtttaaagct caggtcgaga ccgggccttt gtccggcgct	420
cccttgagac ctacctagac tcagccggct ctccacgctt tgcctgacct tgcttgctca	480
actctacgtc tttgtttcgt tttctgttct gcgccgttac agatccaagc tgtgaccggc	540
gcctacgcta gac	553

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 <213> ËË¹¤ÐðÁÐ(Artificial Sequence)

<220>
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ctctcctgcg cagcaagtgg caggactttc agtacctact ttatggcctg gttcagacag	180
ccacctggca aaggcctcga atacgtcgga gggattaggt ggtctgacgg tgtccctcac	240
tacgctgaca gtgtgaaggg tcggttcacc attagcagag acaacgctaa gaatacagtg	300
tacctgcaaa tgaactcact gagagctgag gatactgctg tgtacttctg cgcatctcgc	360
ggaatcgctg acgggtcaga ctttggctcc tatggacagg gcacccaggt gactgtgagt	420
tcc	423

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 <212> DNA
 <213> ËË¹¤ÐðÁÐ(Artificial Sequence)

<220>
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tcgagcccc tgtccctgcg ccagaggcg tgccggccag cggcgggggg cgcagtgcac	120
acgagggggc tggacttcgc ctgtgatatc tacatctggg cgcccttggc cgggacttgt	180

ggggtccttc tcctgtcact ggttatcacc ctttactgca aacggggcag aaagaaactc	240
ctgtatatat tcaaacaacc atttatgaga ccagtacaaa ctactcaaga ggaagatggc	300
tgtagctgcc gatttccaga agaagaagaa ggaggatgtg aactgagagt gaagttcagc	360
aggagcgag acgccccgc gtaccagcag ggccagaacc agctctataa cgagctcaat	420
ctaggacgaa gagaggagta cgatgttttg gacaagagac gtggccggga ccctgagatg	480
gggggaaagc cgagagaag gaagaaccct caggaaggcc tgtacaatga actgcagaaa	540
gataagatgg cggaggccta cagtgaatt gggatgaaag gcgagcgccg gaggggcaag	600
gggcacgatg gcctttacca gggctctcagt acagccacca aggacaccta cgacgccctt	660
cacatgcagg ccctgcccc tcgctaa	687