0 4 AUG 2004

[Sequence Listing]

<110> Takeda Chemical Industries, Ltd.

<120> Screening Method

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

Ser Val Val Tyr Val Pro Ile Phe Val Val Gly Val Ile Gly Asn Val
50 55 60

Leu Val Cys Leu Val Ile Leu Gln His Gln Ala Met Lys Thr Pro Thr

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65 70 75 80

Asn Tyr Tyr Leu Phe Ser Leu Ala Val Ser Asp Leu Leu Val Leu Leu

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Leu Gly Met Pro Leu Glu Val Tyr Glu Met Trp Arg Asn Tyr Pro Phe

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Leu Phe Gly Pro Val Gly Cys Tyr Phe Lys Thr Ala Leu Phe Glu Thr

115 120 125

Val Cys Phe Ala Ser Ile Leu Ser Ile Thr Thr Val Ser Val Glu Arg

130 135 140

Tyr Val Ala Ile Leu His Pro Phe Arg Ala Lys Leu Gln Ser Thr Arg

145 150 155 160

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

165 170 175

Phe Ser Leu Pro Asn Thr Ser Ile His Gly Ile Lys Phe His Tyr Phe

180 185 190

Pro Asn Gly Ser Leu Val Pro Gly Ser Ala Thr Cys Thr Val Ile Lys

195 200 205

Pro Met Trp Ile Tyr Asn Phe Ile Ile Gln Val Thr Ser Phe Leu Phe

210 215 220

Tyr Leu Leu Pro Met Thr Val Ile Ser Val Leu Tyr Tyr Leu Met Ala

225 230 235 240

Leu Arg Leu Lys Lys Asp Lys Ser Leu Glu Ala Asp Glu Gly Asn Ala

245 250 255

Asn Ile Gln Arg Pro Cys Arg Lys Ser Val Asn Lys Met Leu Phe Val

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Leu Val Leu Val Phe Ala Ile Cys Trp Ala Pro Phe His Ile Asp Arg

275 280 285

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Leu Phe Phe Ser Phe Val Glu Glu Trp Ser Glu Ser Leu Ala Ala Val
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Phe Asn Leu Val His Val Val Ser Gly Val Phe Phe Tyr Leu Ser Ser
305 310 315 320

Ala Val Asn Pro Ile Ile Tyr Asn Leu Leu Ser Arg Arg Phe Gln Ala
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Ala Phe Gln Asn Val Ile Ser Ser Phe His Lys Gln Trp His Ser Gln
340 345 350

His Asp Pro Gln Leu Pro Pro Ala Gln Arg Asn Ile Phe Leu Thr Glu
355 360 365

Cys His Phe Val Glu Leu Thr Glu Asp Ile Gly Pro Gln Phe Pro Cys
370 375 380

Gln Ser Ser Met His Asn Ser His Leu Pro Thr Ala Leu Ser Ser Glu
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AACACCAGCA TCCATGGCAT CAAGTTCCAC TACTTCCCCA ATGGGTCCCT GGTCCCAGGT 600

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TGGGCCCCGT TCCACATTGA CCGACTCTTC TTCAGCTTTG TGGAGGAGTG GAGTGAATCC 900

CTGGCTGCTG TGTTCAACCT CGTCCATGTG GTGTCAGGTG TCTTCTTCTA CCTGAGCTCA 960

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1 5 8

<210> 6

<211> 8

<212> PRT

<213> Dog

<400> 6

Glu Phe Leu Phe Arg Pro Arg Asn

1 5 8

<210> 7

<211> 9

<212> PRT

<213> Chicken

<400> 7

Gly Tyr Phe Phe Phe Arg Pro Arg Asn

1 5 9

<210> 8

<211> 9

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<212> PRT

<213> Guinea pig

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Gly Tyr Phe Leu Phe Arg Pro Arg Asn

1 5 9

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Tyr Lys Val Asn Glu Tyr Gln Gly Pro Val Ala Pro Ser Gly Gly Phe

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Phe Leu Phe Arg Pro Arg Asn

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<213> Human

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Gly Tyr Phe Leu Phe Arg Pro Arg Asn
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<211> 25

<212> PRT

<213> Pig

<400> 12

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Arg Tyr Phe Leu Phe Arg Pro Arg Asn
20 25

<210> 13

<211> 25

<212> PRT

<213> Dog

<400> 13

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Arg Gln Phe Leu Phe Arg Pro Arg Asn
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<211> 25

<212> PRT

<213> Chicken

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Gly Tyr Phe Phe Phe Arg Pro Arg Asn
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Gly Tyr Phe Val Phe Arg Pro Arg Asn
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Phe Arg Pro Arg Asn
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Leu Ala Phe Leu Cys Gly Pro Arg Arg Ser His Phe Phe Leu Pro Val
        35                  40                  45
Ser Val Val Tyr Val Pro Ile Phe Val Val Gly Val Ile Gly Asn Val
    50                  55                  60
Leu Val Cys Leu Val Ile Leu Gln His Gln Ala Met Lys Thr Pro Thr
65                  70                  75                  80
Asn Tyr Tyr Leu Phe Ser Leu Ala Val Ser Asp Leu Leu Val Leu Leu
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Leu Gly Met Pro Leu Glu Val Tyr Glu Met Trp Arg Asn Tyr Pro Phe
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Leu Phe Gly Pro Val Gly Cys Tyr Phe Lys Thr Ala Leu Phe Glu Thr
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Val Cys Phe Ala Ser Ile Leu Ser Ile Thr Thr Val Ser Val Glu Arg
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Tyr Val Ala Ile Leu His Pro Phe Arg Ala Lys Leu Gln Ser Thr Arg
145                 150                 155                 160
Arg Arg Ala Leu Arg Ile Leu Gly Ile Val Trp Gly Phe Ser Val Leu
                165                 170                 175
Phe Ser Leu Pro Asn Thr Ser Ile His Gly Ile Lys Phe His Tyr Phe
            180                 185                 190
Pro Asn Gly Ser Leu Val Pro Gly Ser Ala Thr Cys Thr Val Ile Lys
        195                 200                 205
Pro Met Trp Ile Tyr Asn Phe Ile Ile Gln Val Thr Ser Phe Leu Phe
    210                 215                 220
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Tyr Leu Leu Pro Met Thr Val Ile Ser Val Leu Tyr Tyr Leu Met Ala
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Leu Arg Leu Lys Lys Asp Lys Ser Leu Glu Ala Asp Glu Gly Asn Ala
245 250 255

Asn Ile Gln Arg Pro Cys Arg Lys Ser Val Asn Lys Met Leu Leu Val
260 265 270

Leu Val Leu Val Phe Ala Ile Cys Trp Ala Pro Phe His Ile Asp Arg
275 280 285

Leu Phe Phe Ser Phe Val Glu Glu Trp Thr Glu Ser Leu Ala Ala Val
290 295 300

Phe Asn Leu Val His Val Val Ser Gly Val Leu Phe Tyr Leu Ser Ser
305 310 315 320

Ala Val Asn Pro Ile Ile Tyr Asn Leu Leu Ser Arg Arg Phe Gln Ala
325 330 335

Ala Phe Gln Asn Val Ile Ser Ser Phe His Lys Gln Trp His Ser Gln
340 345 350

His Asp Pro Gln Leu Pro Pro Ala Gln Arg Asn Ile Phe Leu Thr Glu
355 360 365

Cys His Phe Val Glu Leu Thr Glu Asp Ile Gly Pro Gln Phe Pro Cys
370 375 380

Gln Ser Ser Val His Asn Ser His Leu Pro Thr Ala Leu Ser Ser Glu
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Gln Met Ser Arg Thr Asn Tyr Gln Ser Phe His Phe Asn Lys Thr
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CCCTGCAGAA AATCAGTCAA CAAGATGCTG CTTGTCTTGG TCTTAGTGTT TGCTATCTGT 840

TGGGCCCCGT TCCACATTGA CCGACTCTTC TTCAGCTTTG TGGAGGAGTG GACTGAATCC 900

CTGGCTGCTG TGTTCAACCT CGTCCATGTG GTGTCAGGTG TCTTATTCTA CCTGAGCTCA 960

GCTGTCAACC CCATTATCTA TAACCTACTG TCTCGCCGCT TCCAGGCAGC ATTCCAGAAT 1020

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CAGCGGAACA TCTTCCTGAC AGAATGCCAC TTTGTGGAGC TGACCGAAGA TATAGGTCCC 1140

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35 40 45

Leu Val Gly Val Met Gly Asn Leu Leu Val Cys Met Val Ile Val Arg
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His Gln Thr Leu Lys Thr Pro Thr Asn Tyr Tyr Leu Phe Ser Leu Ala
65 70 75 80

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Val Ser Asp Leu Leu Val Leu Leu Leu Gly Met Pro Leu Glu Ile Tyr
85 90 95

Glu Met Trp His Asn Tyr Pro Phe Leu Phe Gly Pro Val Gly Cys Tyr
100 105 110

Phe Lys Thr Ala Leu Phe Glu Thr Val Cys Phe Ala Ser Ile Leu Ser
115 120 125

Val Thr Thr Val Ser Val Glu Arg Tyr Val Ala Ile Val His Pro Phe
130 135 140

Arg Ala Lys Leu Glu Ser Thr Arg Arg Arg Ala Leu Arg Ile Leu Ser
145 150 155 160

Leu Val Trp Ser Phe Ser Val Val Phe Ser Leu Pro Asn Thr Ser Ile
165 170 175

His Gly Ile Lys Phe Gln His Phe Pro Asn Gly Ser Ser Val Pro Gly
180 185 190

Ser Ala Thr Cys Thr Val Thr Lys Pro Met Trp Val Tyr Asn Leu Ile
195 200 205

Ile Gln Ala Thr Ser Phe Leu Phe Tyr Ile Leu Pro Met Thr Leu Ile
210 215 220

Ser Val Leu Tyr Tyr Leu Met Gly Leu Arg Leu Lys Arg Asp Glu Ser
225 230 235 240

Leu Glu Ala Asn Lys Val Ala Val Asn Ile His Arg Pro Ser Arg Lys
245 250 255

Ser Val Thr Lys Met Leu Phe Val Leu Val Leu Val Phe Ala Ile Cys
260 265 270

Trp Thr Pro Phe His Val Asp Arg Leu Phe Phe Ser Phe Val Glu Glu
275 280 285

Trp Thr Glu Ser Leu Ala Ala Val Phe Asn Leu Ile His Val Val Ser

290 295 300

Gly Val Phe Phe Tyr Leu Ser Ser Ala Val Asn Pro Ile Ile Tyr Asn

305 310 315 320

Leu Leu Ser Arg Arg Phe Arg Ala Ala Phe Arg Asn Val Val Ser Pro

325 330 335

Thr Cys Lys Trp Cys His Pro Arg His Gln Pro Gln Gly Pro Pro Ala

340 345 350

Gln Lys Ile Ile Phe Leu Thr Glu Cys His Leu Met Glu Leu Thr Glu

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