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<151> 2012-11-07

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<170> PatentIn version 3.5

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Gln Lys Cys Leu Gly Leu Asp Ile Thr Lys Ser Val Asn Glu Leu Arg
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Met Phe Ser Cys Asp Ser Ser Ala Met Leu Trp Trp Lys Cys Glu His
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His Ser Leu Tyr Gly Ala Ala Arg Tyr Arg Leu Ala Leu Lys Asp Gly
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His Gly Thr Ala Ile Ser Asn Ala Ser Asp Val Trp Lys Lys Gly Gly
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Ser Glu Glu Ser Leu Cys Asp Gln Pro Tyr His Glu Ile Tyr Thr Arg
145                 150                 155                 160

Asp Gly Asn Ser Tyr Gly Arg Pro Cys Glu Phe Pro Phe Leu Ile Asp
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Gly Thr Trp His His Asp Cys Ile Leu Asp Glu Asp His Ser Gly Pro
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Lys Glu Ala Tyr Val Ser Cys Gln Asn Gln Gly Ala Asp Leu Leu Ser
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Trp Glu Trp Ser Asp His Lys Pro Leu Asn Phe Leu Asn Trp Asp Pro
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Pro Tyr Val Cys Arg Lys Pro Leu Asn Asn Thr Val Glu Leu Thr Asp
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Val Trp Thr Tyr Ser Asp Thr Arg Cys Asp Ala Gly Trp Leu Pro Asn
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Asn Gly Phe Cys Tyr Leu Leu Val Asn Glu Ser Asn Ser Trp Asp Lys
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Ser Leu Ala Asp Val Glu Val Val Val Thr Lys Leu His Asn Glu Asp
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1 5 10 15

Thr Arg

<210> 8
<211> 17
<212> PRT
<213> Homo sapiens

<400> 8

Trp Gly Ile Cys Leu Lys Pro Glu Asn Gly Cys Glu Asp Asn Trp Glu
1 5 10 15

Lys

<210> 9
<211> 22
<212> PRT
<213> Homo sapiens

<400> 9

Met Asp Ala Glu Ser Gly Leu Trp Gln Ser Phe Ser Cys Glu Ala Gln
1 5 10 15

Leu Pro Tyr Val Cys Arg
20

<210> 10
<211> 7
<212> PRT
<213> Homo sapiens

<400> 10

Leu His Asn Glu Asp Ile Lys
1 5

<210> 11
<211> 8
<212> PRT
<213> Homo sapiens

<400> 11

Glu Glu Val Trp Ile Gly Leu Lys
1 5

<210> 12
<211> 15
<212> PRT
<213> Homo sapiens

<400> 12

Thr Pro Asn Cys Val Ser Tyr Leu Gly Glu Leu Gly Gln Trp Lys
1 5 10 15

<210> 13
<211> 7
<212> PRT
<213> Homo sapiens

<400> 13

Val Gln Ser Cys Glu Glu Lys
1 5

<210> 14
<211> 8
<212> PRT
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<400> 14

Leu Asn Asp Ala Ser Ser Asp Lys
1 5

<210> 15
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<212> PRT
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Met Cys Pro Pro Asp Glu Gly Trp Lys
1 5

<210> 16
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<400> 16

His Gly Glu Thr Cys Tyr Lys
1 5

<210> 17
<211> 11
<212> PRT
<213> Homo sapiens

<400> 17

Phe Glu Gln Glu Tyr Leu Asn Asp Leu Met Lys
1 5 10

<210> 18
<211> 7
<212> PRT
<213> Homo sapiens

<400> 18

Tyr Phe Trp Thr Gly Leu Arg
1 5

<210> 19
<211> 16
<212> PRT
<213> Homo sapiens

<400> 19

Asp Val Asp Ser Cys Gly Glu Tyr Asn Trp Ala Thr Val Gly Gly Arg
1 5 10 15

<210> 20
<211> 33
<212> PRT
<213> Homo sapiens

<400> 20

Met Ser Gly Pro Leu Gly Pro Glu Glu Ala Ser Pro Lys Pro Asp Asp
1 5 10 15

Pro Cys Pro Glu Gly Trp Gln Ser Phe Pro Ala Ser Leu Ser Cys Tyr
20 25 30

Lys

<210> 21
<211> 13
<212> PRT
<213> Homo sapiens

<400> 21

Ser Pro Asp Leu Gln Gly Ser Trp Gln Trp Ser Asp Arg
1 5 10

<210> 22
<211> 19
<212> PRT
<213> Homo sapiens

<400> 22

Thr Pro Val Ser Thr Ile Ile Met Pro Asn Glu Phe Gln Gln Asp Tyr
1 5 10 15

Asp Ile Arg

<210> 23
<211> 13
<212> PRT
<213> Homo sapiens

<400> 23

Glu Phe Ile Tyr Leu Arg Pro Phe Ala Cys Asp Thr Lys
1 5 10

<210> 24
<211> 9
<212> PRT
<213> Homo sapiens

<400> 24

Leu Glu Trp Val Cys Gln Ile Pro Lys
1 5

<210> 25
<211> 9
<212> PRT
<213> Homo sapiens

<400> 25

Thr Pro Asp Trp Tyr Asn Pro Asp Arg
1 5

<210> 26
<211> 14
<212> PRT
<213> Homo sapiens

<400> 26

Ile Ser Glu Trp Pro Ile Asp Asp His Phe Thr Tyr Ser Arg
1 5 10

<210> 27
<211> 15
<212> PRT
<213> Homo sapiens

<400> 27

Phe Pro Val Thr Phe Gly Glu Glu Cys Leu Tyr Met Ser Ala Lys
1 5 10 15

<210> 28
<211> 15
<212> PRT
<213> Homo sapiens

<400> 28

Thr Trp Leu Ile Asp Leu Gly Lys Pro Thr Asp Cys Ser Thr Lys
1 5 10 15

<210> 29

<211> 13
<212> PRT
<213> Homo sapiens

<400> 29

Val Gln Cys Ser Glu Gln Trp Ile Pro Phe Gln Asn Lys
1 5 10

<210> 30
<211> 15
<212> PRT
<213> Homo sapiens

<400> 30

Glu Leu Thr Tyr Ser Asn Phe His Pro Leu Leu Val Ser Gly Arg
1 5 10 15

<210> 31
<211> 11
<212> PRT
<213> Homo sapiens

<400> 31

Ile Pro Glu Asn Phe Phe Glu Glu Glu Ser Arg
1 5 10

<210> 32
<211> 11
<212> PRT
<213> Homo sapiens

<400> 32

Tyr His Cys Ala Leu Ile Leu Asn Leu Gln Lys
1 5 10

<210> 33
<211> 8
<212> PRT
<213> Homo sapiens

<400> 33

His Phe Val Ser Leu Cys Gln Lys
1 5

<210> 34
<211> 7
<212> PRT
<213> Homo sapiens

<400> 34

Tyr Leu Asn Asn Leu Tyr Lys
1 5

<210> 35
<211> 8
<212> PRT

<213> Homo sapiens

<400> 35

Thr Leu Thr Trp His Ser Ala Lys
1 5

<210> 36
<211> 9
<212> PRT
<213> Homo sapiens

<400> 36

Glu Val Lys Pro Val Asp Ser Val Lys
1 5

<210> 37
<211> 12
<212> PRT
<213> Homo sapiens

<400> 37

His Met Ala Thr Thr Gln Asp Glu Val His Thr Lys
1 5 10

<210> 38
<211> 7
<212> PRT
<213> Homo sapiens

<400> 38

Ser His Ile Leu Ser Ile Arg
1 5

<210> 39
<211> 10
<212> PRT
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<400> 39

Ser His Ile Leu Ser Ile Arg Asp Glu Lys
1 5 10

<210> 40
<211> 7
<212> PRT
<213> Homo sapiens

<400> 40

Ser Leu Met Trp Phe Asp Lys
1 5

<210> 41
<211> 9
<212> PRT
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<400> 41

Thr Pro Leu Ser Tyr Thr His Trp Arg
1 5

<210> 42
<211> 17
<212> PRT
<213> Homo sapiens

<400> 42

Phe Leu Ala Gly Leu Ser Thr Asp Gly Phe Trp Asp Ile Gln Thr Phe
1 5 10 15

Lys

<210> 43
<211> 14
<212> PRT
<213> Homo sapiens

<400> 43

Gly Gln Thr Ser Pro Gly Asn Cys Val Leu Leu Asp Pro Lys
1 5 10

<210> 44
<211> 10
<212> PRT
<213> Homo sapiens

<400> 44

Asp Gly Ala Ile Cys Tyr Lys Pro Thr Lys
1 5 10

<210> 45
<211> 12
<212> PRT
<213> Homo sapiens

<400> 45

Ser Asp Gln Ala Leu His Ser Phe Ser Glu Ala Lys
1 5 10

<210> 46
<211> 11
<212> PRT
<213> Homo sapiens

<400> 46

His Asp His Ser Ala Thr Ile Val Ser Ile Lys
1 5 10

<210> 47
<211> 17
<212> PRT

<213> Homo sapiens

<400> 47

His Asp His Ser Ala Thr Ile Val Ser Ile Lys Asp Glu Asp Glu Asn
1 5 10 15

Lys

<210> 48
<211> 21
<212> PRT
<213> Homo sapiens

<400> 48

His Asp His Ser Ala Thr Ile Val Ser Ile Lys Asp Glu Asp Glu Asn
1 5 10 15

Lys Phe Val Ser Arg
20

<210> 49
<211> 10
<212> PRT
<213> Homo sapiens

<400> 49

Lys Val Glu Cys Glu His Gly Phe Gly Arg
1 5 10

<210> 50
<211> 9
<212> PRT
<213> Homo sapiens

<400> 50

Val Glu Cys Glu His Gly Phe Gly Arg
1 5

<210> 51
<211> 35
<212> PRT
<213> Homo sapiens

<400> 51

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

Leu Ser Ile Leu Val Leu Met Gly Gly Leu Ile Trp Phe Leu Phe Gln
20 25 30

Arg His Arg
35

<210> 52
<211> 17
<212> PRT
<213> Homo sapiens

<400> 52

Tyr Ala Gln Gly Val Asn Glu Asp Glu Ile Met Leu Pro Ser Phe His
1 5 10 15

Asp

<210> 53
<211> 1639
<212> PRT
<213> Homo sapiens

<400> 53

Ser Gly Arg Ala Ala Asn Asp Pro Phe Thr Ile Val His Gly Asn Thr
1 5 10 15

Gly Lys Cys Ile Lys Pro Val Tyr Gly Trp Ile Val Ala Asp Asp Cys
20 25 30

Asp Glu Thr Glu Asp Lys Leu Trp Lys Trp Val Ser Gln His Arg Leu
35 40 45

Phe His Leu His Ser Gln Lys Cys Leu Gly Leu Asp Ile Thr Lys Ser
50 55 60

Val Asn Glu Leu Arg Met Phe Ser Cys Asp Ser Ser Ala Met Leu Trp
65 70 75 80

Trp Lys Cys Glu His His Ser Leu Tyr Gly Ala Ala Arg Tyr Arg Leu
85 90 95

Ala Leu Lys Asp Gly His Gly Thr Ala Ile Ser Asn Ala Ser Asp Val
100 105 110

Trp Lys Lys Gly Gly Ser Glu Glu Ser Leu Cys Asp Gln Pro Tyr His
115 120 125

Glu Ile Tyr Thr Arg Asp Gly Asn Ser Tyr Gly Arg Pro Cys Glu Phe
130 135 140

Pro Phe Leu Ile Asp Gly Thr Trp His His Asp Cys Ile Leu Asp Glu
145 150 155 160

Asp His Ser Gly Pro Trp Cys Ala Thr Thr Leu Asn Tyr Glu Tyr Asp
165 170 175

Arg Lys Trp Gly Ile Cys Leu Lys Pro Glu Asn Gly Cys Glu Asp Asn
180 185 190

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Trp Glu Lys Asn Glu Gln Phe Gly Ser Cys Tyr Gln Phe Asn Thr Gln
        195                 200                 205

Thr Ala Leu Ser Trp Lys Glu Ala Tyr Val Ser Cys Gln Asn Gln Gly
    210                 215                 220

Ala Asp Leu Leu Ser Ile Asn Ser Ala Ala Glu Leu Thr Tyr Leu Lys
225                 230                 235                 240

Glu Lys Glu Gly Ile Ala Lys Ile Phe Trp Ile Gly Leu Asn Gln Leu
                245                 250                 255

Tyr Ser Ala Arg Gly Trp Glu Trp Ser Asp His Lys Pro Leu Asn Phe
            260                 265                 270

Leu Asn Trp Asp Pro Asp Arg Pro Ser Ala Pro Thr Ile Gly Gly Ser
        275                 280                 285

Ser Cys Ala Arg Met Asp Ala Glu Ser Gly Leu Trp Gln Ser Phe Ser
    290                 295                 300

Cys Glu Ala Gln Leu Pro Tyr Val Cys Arg Lys Pro Leu Asn Asn Thr
305                 310                 315                 320

Val Glu Leu Thr Asp Val Trp Thr Tyr Ser Asp Thr Arg Cys Asp Ala
                325                 330                 335

Gly Trp Leu Pro Asn Asn Gly Phe Cys Tyr Leu Leu Val Asn Glu Ser
            340                 345                 350

Asn Ser Trp Asp Lys Ala His Ala Lys Cys Lys Ala Phe Ser Ser Asp
        355                 360                 365

Leu Ile Ser Ile His Ser Leu Ala Asp Val Glu Val Val Val Thr Lys
    370                 375                 380

Leu His Asn Glu Asp Ile Lys Glu Glu Val Trp Ile Gly Leu Lys Asn
385                 390                 395                 400

Ile Asn Ile Pro Thr Leu Phe Gln Trp Ser Asp Gly Thr Glu Val Thr
                405                 410                 415

Leu Thr Tyr Trp Asp Glu Asn Glu Pro Asn Val Pro Tyr Asn Lys Thr
            420                 425                 430

Pro Asn Cys Val Ser Tyr Leu Gly Glu Leu Gly Gln Trp Lys Val Gln
        435                 440                 445

Ser Cys Glu Glu Lys Leu Lys Tyr Val Cys Lys Arg Lys Gly Glu Lys
    450                 455                 460
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Leu Asn Asp Ala Ser Ser Asp Lys Met Cys Pro Pro Asp Glu Gly Trp
465                 470                 475                 480

Lys Arg His Gly Glu Thr Cys Tyr Lys Ile Tyr Glu Asp Glu Val Pro
                485                 490                 495

Phe Gly Thr Asn Cys Asn Leu Thr Ile Thr Ser Arg Phe Glu Gln Glu
            500                 505                 510

Tyr Leu Asn Asp Leu Met Lys Lys Tyr Asp Lys Ser Leu Arg Lys Tyr
        515                 520                 525

Phe Trp Thr Gly Leu Arg Asp Val Asp Ser Cys Gly Glu Tyr Asn Trp
    530                 535                 540

Ala Thr Val Gly Gly Arg Arg Arg Ala Val Thr Phe Ser Asn Trp Asn
545                 550                 555                 560

Phe Leu Glu Pro Ala Ser Pro Gly Gly Cys Val Ala Met Ser Thr Gly
                565                 570                 575

Lys Ser Val Gly Lys Trp Glu Val Lys Asp Cys Arg Ser Phe Lys Ala
            580                 585                 590

Leu Ser Ile Cys Lys Lys Met Ser Gly Pro Leu Gly Pro Glu Glu Ala
        595                 600                 605

Ser Pro Lys Pro Asp Asp Pro Cys Pro Glu Gly Trp Gln Ser Phe Pro
    610                 615                 620

Ala Ser Leu Ser Cys Tyr Lys Val Phe His Ala Glu Arg Ile Val Arg
625                 630                 635                 640

Lys Arg Asn Trp Glu Glu Ala Glu Arg Phe Cys Gln Ala Leu Gly Ala
                645                 650                 655

His Leu Ser Ser Phe Ser His Val Asp Glu Ile Lys Glu Phe Leu His
            660                 665                 670

Phe Leu Thr Asp Gln Phe Ser Gly Gln His Trp Leu Trp Ile Gly Leu
        675                 680                 685

Asn Lys Arg Ser Pro Asp Leu Gln Gly Ser Trp Gln Trp Ser Asp Arg
    690                 695                 700

Thr Pro Val Ser Thr Ile Ile Met Pro Asn Glu Phe Gln Gln Asp Tyr
705                 710                 715                 720

Asp Ile Arg Asp Cys Ala Ala Val Lys Val Phe His Arg Pro Trp Arg
                725                 730                 735
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Arg Gly Trp His Phe Tyr Asp Asp Arg Glu Phe Ile Tyr Leu Arg Pro
            740                 745                 750

Phe Ala Cys Asp Thr Lys Leu Glu Trp Val Cys Gln Ile Pro Lys Gly
        755                 760                 765

Arg Thr Pro Lys Thr Pro Asp Trp Tyr Asn Pro Asp Arg Ala Gly Ile
    770                 775                 780

His Gly Pro Pro Leu Ile Ile Glu Gly Ser Glu Tyr Trp Phe Val Ala
785                 790                 795                 800

Asp Leu His Leu Asn Tyr Glu Glu Ala Val Leu Tyr Cys Ala Ser Asn
                805                 810                 815

His Ser Phe Leu Ala Thr Ile Thr Ser Phe Val Gly Leu Lys Ala Ile
            820                 825                 830

Lys Asn Lys Ile Ala Asn Ile Ser Gly Asp Gly Gln Lys Trp Trp Ile
        835                 840                 845

Arg Ile Ser Glu Trp Pro Ile Asp Asp His Phe Thr Tyr Ser Arg Tyr
    850                 855                 860

Pro Trp His Arg Phe Pro Val Thr Phe Gly Glu Glu Cys Leu Tyr Met
865                 870                 875                 880

Ser Ala Lys Thr Trp Leu Ile Asp Leu Gly Lys Pro Thr Asp Cys Ser
                885                 890                 895

Thr Lys Leu Pro Phe Ile Cys Glu Lys Tyr Asn Val Ser Ser Leu Glu
            900                 905                 910

Lys Tyr Ser Pro Asp Ser Ala Ala Lys Val Gln Cys Ser Glu Gln Trp
        915                 920                 925

Ile Pro Phe Gln Asn Lys Cys Phe Leu Lys Ile Lys Pro Val Ser Leu
    930                 935                 940

Thr Phe Ser Gln Ala Ser Asp Thr Cys His Ser Tyr Gly Gly Thr Leu
945                 950                 955                 960

Pro Ser Val Leu Ser Gln Ile Glu Gln Asp Phe Ile Thr Ser Leu Leu
                965                 970                 975

Pro Asp Met Glu Ala Thr Leu Trp Ile Gly Leu Arg Trp Thr Ala Tyr
            980                 985                 990

Glu Lys Ile Asn Lys Trp Thr Asp  Asn Arg Glu Leu Thr  Tyr Ser Asn
        995                 1000                1005
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Phe His  Pro Leu Leu Val Ser  Gly Arg Leu Arg Ile  Pro Glu Asn
    1010                 1015                 1020

Phe Phe  Glu Glu Glu Ser Arg  Tyr His Cys Ala Leu  Ile Leu Asn
    1025                 1030                 1035

Leu Gln  Lys Ser Pro Phe Thr  Gly Thr Trp Asn Phe  Thr Ser Cys
    1040                 1045                 1050

Ser Glu  Arg His Phe Val Ser  Leu Cys Gln Lys Tyr  Ser Glu Val
    1055                 1060                 1065

Lys Ser  Arg Gln Thr Leu Gln  Asn Ala Ser Glu Thr  Val Lys Tyr
    1070                 1075                 1080

Leu Asn  Asn Leu Tyr Lys Ile  Ile Pro Lys Thr Leu  Thr Trp His
    1085                 1090                 1095

Ser Ala  Lys Arg Glu Cys Leu  Lys Ser Asn Met Gln  Leu Val Ser
    1100                 1105                 1110

Ile Thr  Asp Pro Tyr Gln Gln  Ala Phe Leu Ser Val  Gln Ala Leu
    1115                 1120                 1125

Leu His  Asn Ser Ser Leu Trp  Ile Gly Leu Phe Ser  Gln Asp Asp
    1130                 1135                 1140

Glu Leu  Asn Phe Gly Trp Ser  Asp Gly Lys Arg Leu  His Phe Ser
    1145                 1150                 1155

Arg Trp  Ala Glu Thr Asn Gly  Gln Leu Glu Asp Cys  Val Val Leu
    1160                 1165                 1170

Asp Thr  Asp Gly Phe Trp Lys  Thr Val Asp Cys Asn  Asp Asn Gln
    1175                 1180                 1185

Pro Gly  Ala Ile Cys Tyr Tyr  Ser Gly Asn Glu Thr  Glu Lys Glu
    1190                 1195                 1200

Val Lys  Pro Val Asp Ser Val  Lys Cys Pro Ser Pro  Val Leu Asn
    1205                 1210                 1215

Thr Pro  Trp Ile Pro Phe Gln  Asn Cys Cys Tyr Asn  Phe Ile Ile
    1220                 1225                 1230

Thr Lys  Asn Arg His Met Ala  Thr Thr Gln Asp Glu  Val His Thr
    1235                 1240                 1245

Lys Cys  Gln Lys Leu Asn Pro  Lys Ser His Ile Leu  Ser Ile Arg
    1250                 1255                 1260
```

```
Asp Glu  Lys Glu Asn Asn Phe  Val Leu Glu Gln Leu  Leu Tyr Phe
    1265                 1270                 1275

Asn Tyr  Met Ala Ser Trp Val  Met Leu Gly Ile Thr  Tyr Arg Asn
    1280                 1285                 1290

Lys Ser  Leu Met Trp Phe Asp  Lys Thr Pro Leu Ser  Tyr Thr His
    1295                 1300                 1305

Trp Arg  Ala Gly Arg Pro Thr  Ile Lys Asn Glu Lys  Phe Leu Ala
    1310                 1315                 1320

Gly Leu  Ser Thr Asp Gly Phe  Trp Asp Ile Gln Thr  Phe Lys Val
    1325                 1330                 1335

Ile Glu  Glu Ala Val Tyr Phe  His Gln His Ser Ile  Leu Ala Cys
    1340                 1345                 1350

Lys Ile  Glu Met Val Asp Tyr  Lys Glu Glu Tyr Asn  Thr Thr Leu
    1355                 1360                 1365

Pro Gln  Phe Met Pro Tyr Glu  Asp Gly Ile Tyr Ser  Val Ile Gln
    1370                 1375                 1380

Lys Lys  Val Thr Trp Tyr Glu  Ala Leu Asn Met Cys  Ser Gln Ser
    1385                 1390                 1395

Gly Gly  His Leu Ala Ser Val  His Asn Gln Asn Gly  Gln Leu Phe
    1400                 1405                 1410

Leu Glu  Asp Ile Val Lys Arg  Asp Gly Phe Pro Leu  Trp Val Gly
    1415                 1420                 1425

Leu Ser  Ser His Asp Gly Ser  Glu Ser Ser Phe Glu  Trp Ser Asp
    1430                 1435                 1440

Gly Ser  Thr Phe Asp Tyr Ile  Pro Trp Lys Gly Gln  Thr Ser Pro
    1445                 1450                 1455

Gly Asn  Cys Val Leu Leu Asp  Pro Lys Gly Thr Trp  Lys His Glu
    1460                 1465                 1470

Lys Cys  Asn Ser Val Lys Asp  Gly Ala Ile Cys Tyr  Lys Pro Thr
    1475                 1480                 1485

Lys Ser  Lys Lys Leu Ser Arg  Leu Thr Tyr Ser Ser  Arg Cys Pro
    1490                 1495                 1500

Ala Ala  Lys Glu Asn Gly Ser  Arg Trp Ile Gln Tyr  Lys Gly His
    1505                 1510                 1515
```

```
Cys Tyr  Lys Ser Asp Gln Ala  Leu His Ser Phe Ser  Glu Ala Lys
    1520                 1525                 1530

Lys Leu  Cys Ser Lys His Asp  His Ser Ala Thr Ile  Val Ser Ile
    1535                 1540                 1545

Lys Asp  Glu Asp Glu Asn Lys  Phe Val Ser Arg Leu  Met Arg Glu
    1550                 1555                 1560

Asn Asn  Asn Ile Thr Met Arg  Val Trp Leu Gly Leu  Ser Gln His
    1565                 1570                 1575

Ser Val  Asp Gln Ser Trp Ser  Trp Leu Asp Gly Ser  Glu Val Thr
    1580                 1585                 1590

Phe Val  Lys Trp Glu Asn Lys  Ser Lys Ser Gly Val  Gly Arg Cys
    1595                 1600                 1605

Ser Met  Leu Ile Ala Ser Asn  Glu Thr Trp Lys Lys  Val Glu Cys
    1610                 1615                 1620

Glu His  Gly Phe Gly Arg Val  Val Cys Lys Val Pro  Leu Gly Pro
    1625                 1630                 1635

Asp
```