SEQUENCE LISTING

<110> AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH

<120> mAb2 anti-Met Antibody

<130> 9869SG2410

<150> 201306428-2
<151> 2013-08-23

<150> 201303329-5
<151> 2013-04-30

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<170> PatentIn version 3.5

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Ser Glu Met Asn Val Asn Met Lys Tyr Gln Leu Pro Asn Phe Thr Ala
        35                  40                  45

Glu Thr Pro Ile Gln Asn Val Ile Leu His Glu His His Ile Phe Leu
    50                  55                  60

Gly Ala Thr Asn Tyr Ile Tyr Val Leu Asn Glu Glu Asp Leu Gln Lys
65                  70                  75                  80

Val Ala Glu Tyr Lys Thr Gly Pro Val Leu Glu His Pro Asp Cys Phe
                85                  90                  95
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Pro Cys Gln Asp Cys Ser Ser Lys Ala Asn Leu Ser Gly Gly Val Trp
            100                 105                 110

Lys Asp Asn Ile Asn Met Ala Leu Val Val Asp Thr Tyr Tyr Asp Asp
        115                 120                 125

Gln Leu Ile Ser Cys Gly Ser Val Asn Arg Gly Thr Cys Gln Arg His
    130                 135                 140

Val Phe Pro His Asn His Thr Ala Asp Ile Gln Ser Glu Val His Cys
145                 150                 155                 160

Ile Phe Ser Pro Gln Ile Glu Glu Pro Ser Gln Cys Pro Asp Cys Val
                165                 170                 175

Val Ser Ala Leu Gly Ala Lys Val Leu Ser Ser Val Lys Asp Arg Phe
            180                 185                 190

Ile Asn Phe Phe Val Gly Asn Thr Ile Asn Ser Ser Tyr Phe Pro Asp
        195                 200                 205

His Pro Leu His Ser Ile Ser Val Arg Arg Leu Lys Glu Thr Lys Asp
    210                 215                 220

Gly Phe Met Phe Leu Thr Asp Gln Ser Tyr Ile Asp Val Leu Pro Glu
225                 230                 235                 240

Phe Arg Asp Ser Tyr Pro Ile Lys Tyr Val His Ala Phe Glu Ser Asn
                245                 250                 255

Asn Phe Ile Tyr Phe Leu Thr Val Gln Arg Glu Thr Leu Asp Ala Gln
            260                 265                 270

Thr Phe His Thr Arg Ile Ile Arg Phe Cys Ser Ile Asn Ser Gly Leu
        275                 280                 285

His Ser Tyr Met Glu Met Pro Leu Glu Cys Ile Leu Thr Glu Lys Arg
    290                 295                 300

Lys Lys Arg Ser Thr Lys Lys Glu Val Phe Asn Ile Leu Gln Ala Ala
305                 310                 315                 320

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

Leu Asn Asp Asp Ile Leu Phe Gly Val Phe Ala Gln Ser Lys Pro Asp
            340                 345                 350
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Ser Ala Glu Pro Met Asp Arg Ser Ala Met Cys Ala Phe Pro Ile Lys
        355                 360                 365

Tyr Val Asn Asp Phe Phe Asn Lys Ile Val Asn Lys Asn Asn Val Arg
    370                 375                 380

Cys Leu Gln His Phe Tyr Gly Pro Asn His Glu His Cys Phe Asn Arg
385                 390                 395                 400

Thr Leu Leu Arg Asn Ser Ser Gly Cys Glu Ala Arg Arg Asp Glu Tyr
                405                 410                 415

Arg Thr Glu Phe Thr Thr Ala Leu Gln Arg Val Asp Leu Phe Met Gly
            420                 425                 430

Gln Phe Ser Glu Val Leu Leu Thr Ser Ile Ser Thr Phe Ile Lys Gly
        435                 440                 445

Asp Leu Thr Ile Ala Asn Leu Gly Thr Ser Glu Gly Arg Phe Met Gln
    450                 455                 460

Val Val Val Ser Arg Ser Gly Pro Ser Thr Pro His Val Asn Phe Leu
465                 470                 475                 480

Leu Asp Ser His Pro Val Ser Pro Glu Val Ile Val Glu His Thr Leu
                485                 490                 495

Asn Gln Asn Gly Tyr Thr Leu Val Ile Thr Gly Lys Lys Ile Thr Lys
            500                 505                 510

Ile Pro Leu Asn Gly Leu Gly Cys Arg His Phe Gln Ser Cys Ser Gln
        515                 520                 525

Cys Leu Ser Ala Pro Pro Phe Val Gln Cys Gly Trp Cys His Asp Lys
    530                 535                 540

Cys Val Arg Ser Glu Glu Cys Leu Ser Gly Thr Trp Thr Gln Gln Ile
545                 550                 555                 560

Cys Leu Pro Ala Ile Tyr Lys Val Phe Pro Asn Ser Ala Pro Leu Glu
                565                 570                 575

Gly Gly Thr Arg Leu Thr Ile Cys Gly Trp Asp Phe Gly Phe Arg Arg
            580                 585                 590

Asn Asn Lys Phe Asp Leu Lys Lys Thr Arg Val Leu Leu Gly Asn Glu
        595                 600                 605
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Ser Cys Thr Leu Thr Leu Ser Glu Ser Thr Met Asn Thr Leu Lys Cys
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Thr Val Gly Pro Ala Met Asn Lys His Phe Asn Met Ser Ile Ile Ile
625 630 635 640

Ser Asn Gly His Gly Thr Thr Gln Tyr Ser Thr Phe Ser Tyr Val Asp
645 650 655

Pro Val Ile Thr Ser Ile Ser Pro Lys Tyr Gly Pro Met Ala Gly Gly
660 665 670

Thr Leu Leu Thr Leu Thr Gly Asn Tyr Leu Asn Ser Gly Asn Ser Arg
675 680 685

His Ile Ser Ile Gly Gly Lys Thr Cys Thr Leu Lys Ser Val Ser Asn
690 695 700

Ser Ile Leu Glu Cys Tyr Thr Pro Ala Gln Thr Ile Ser Thr Glu Phe
705 710 715 720

Ala Val Lys Leu Lys Ile Asp Leu Ala Asn Arg Glu Thr Ser Ile Phe
725 730 735

Ser Tyr Arg Glu Asp Pro Ile Val Tyr Glu Ile His Pro Thr Lys Ser
740 745 750

Phe Ile Ser Gly Gly Ser Thr Ile Thr Gly Val Gly Lys Asn Leu Asn
755 760 765

Ser Val Ser Val Pro Arg Met Val Ile Asn Val His Glu Ala Gly Arg
770 775 780

Asn Phe Thr Val Ala Cys Gln His Arg Ser Asn Ser Glu Ile Ile Cys
785 790 795 800

Cys Thr Thr Pro Ser Leu Gln Gln Leu Asn Leu Gln Leu Pro Leu Lys
805 810 815

Thr Lys Ala Phe Phe Met Leu Asp Gly Ile Leu Ser Lys Tyr Phe Asp
820 825 830

Leu Ile Tyr Val His Asn Pro Val Phe Lys Pro Phe Glu Lys Pro Val
835 840 845

Met Ile Ser Met Gly Asn Glu Asn Val Leu Glu Ile Lys Gly Asn Asp
850 855 860

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Ile Asp Pro Glu Ala Val Lys Gly Glu Val Leu Lys Val Gly Asn Lys
865                 870                 875                 880

Ser Cys Glu Asn Ile His Leu His Ser Glu Ala Val Leu Cys Thr Val
                885                 890                 895

Pro Asn Asp Leu Leu Lys Leu Asn Ser Glu Leu Asn Ile Glu Trp Lys
            900                 905                 910

Gln Ala Ile Ser Ser Thr Val Leu Gly Lys Val Ile Val Gln Pro Asp
        915                 920                 925

Gln Asn Phe Thr Gly Leu Ile Ala Gly Val Val Ser Ile Ser Thr Ala
    930                 935                 940

Leu Leu Leu Leu Leu Gly Phe Phe Leu Trp Leu Lys Lys Arg Lys Gln
945                 950                 955                 960

Ile Lys Asp Leu Gly Ser Glu Leu Val Arg Tyr Asp Ala Arg Val His
                965                 970                 975

Thr Pro His Leu Asp Arg Leu Val Ser Ala Arg Ser Val Ser Pro Thr
            980                 985                 990

Thr Glu Met Val Ser Asn Glu Ser  Val Asp Tyr Arg Ala  Thr Phe Pro
        995                 1000                1005

Glu Asp  Gln Phe Pro Asn Ser  Ser Gln Asn Gly Ser  Cys Arg Gln
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Val Gln  Tyr Pro Leu Thr Asp  Met Ser Pro Ile Leu  Thr Ser Gly
    1025                1030                1035

Asp Ser  Asp Ile Ser Ser Pro  Leu Leu Gln Asn Thr  Val His Ile
    1040                1045                1050

Asp Leu  Ser Ala Leu Asn Pro  Glu Leu Val Gln Ala  Val Gln His
    1055                1060                1065

Val Val  Ile Gly Pro Ser Ser  Leu Ile Val His Phe  Asn Glu Val
    1070                1075                1080

Ile Gly  Arg Gly His Phe Gly  Cys Val Tyr His Gly  Thr Leu Leu
    1085                1090                1095

Asp Asn  Asp Gly Lys Lys Ile  His Cys Ala Val Lys  Ser Leu Asn
    1100                1105                1110
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Arg Ile Thr Asp Ile Gly Glu Val Ser Gln Phe Leu Thr Glu Gly
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Ile Ile Met Lys Asp Phe Ser His Pro Asn Val Leu Ser Leu Leu
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Gly Ile Cys Leu Arg Ser Glu Gly Ser Pro Leu Val Val Leu Pro
    1145                1150                1155

Tyr Met Lys His Gly Asp Leu Arg Asn Phe Ile Arg Asn Glu Thr
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His Asn Pro Thr Val Lys Asp Leu Ile Gly Phe Gly Leu Gln Val
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Ala Lys Gly Met Lys Tyr Leu Ala Ser Lys Lys Phe Val His Arg
    1190                1195                1200

Asp Leu Ala Ala Arg Asn Cys Met Leu Asp Glu Lys Phe Thr Val
    1205                1210                1215

Lys Val Ala Asp Phe Gly Leu Ala Arg Asp Met Tyr Asp Lys Glu
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Tyr Tyr Ser Val His Asn Lys Thr Gly Ala Lys Leu Pro Val Lys
    1235                1240                1245

Trp Met Ala Leu Glu Ser Leu Gln Thr Gln Lys Phe Thr Thr Lys
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Ser Asp Val Trp Ser Phe Gly Val Val Leu Trp Glu Leu Met Thr
    1265                1270                1275

Arg Gly Ala Pro Pro Tyr Pro Asp Val Asn Thr Phe Asp Ile Thr
    1280                1285                1290

Val Tyr Leu Leu Gln Gly Arg Arg Leu Leu Gln Pro Glu Tyr Cys
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Pro Asp Pro Leu Tyr Glu Val Met Leu Lys Cys Trp His Pro Lys
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Ala Glu Met Arg Pro Ser Phe Ser Glu Leu Val Ser Arg Ile Ser
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Ala Ile Phe Ser Thr Phe Ile Gly Glu His Tyr Val His Val Asn
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Ala Thr Tyr Val Asn Val Lys Cys Val Ala Pro Tyr Pro Ser Leu
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Ala Ser Phe Trp Glu Thr Ser
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35 40 45

Pro Gln Leu Leu Ile Tyr Arg Val Ser Asn Arg Val Ser Gly Val Leu
50 55 60

Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
65 70 75 80

Thr Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Phe Cys Leu Gln Val
85 90 95

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Arg Ala Asp Ala Ala Pro Thr Lys Ser Ile Ser
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35 40 45

Ala Phe Ile Arg Asn Lys Ala Lys Gly Tyr Thr Thr Glu Tyr Asn Ala
50 55 60

Ser Val Arg Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Gln Asn Ile
65 70 75 80

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

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tacttccaga aaccaggcca gtctccacag ctcctgatct acagggtttc caaccgagtt 180

tctggggtcc tagacaggtt cagtggtagt ggatcaggga cagatttcac actgaaaatc 240

accagagtgg aggctgagga tttgggagtt tatttctgcc tccaagttac acatgtcccg 300

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tccaggaaag gcacttgagt ggttggcttt tatcagaaac aaagctaaag gttatacaac 180

agaatacaat gcatctgtga ggggtcggtt caccatctcc agagataatt cccaaaacat 240

cgtctatctt caaatgaaca ccctgagaac tgaggacagt gccacttatt actgtgcaag 300

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aacgacaccc ccatctgtct atccactggc ccct 394

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Cys Ile Ala Ser Pro Gln Ile Glu Glu Pro Ser Gln Cys Pro Asp
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35 40 45

Val Leu Asn Glu Glu Asp Leu Gln Lys Val Ala Glu Tyr Lys Thr Gly
50 55 60

Pro Val Leu Glu His Pro Asp Cys Phe Pro Cys Gln Asp Cys Ser Ser
65 70 75 80

Lys Ala Asn Leu Ser Gly Gly Val Trp Lys Asp Asn Ile Asn Met Ala
85 90 95

Leu Val Val Asp Thr Tyr Tyr Asp Asp Gln Leu Ile Ser Cys Gly Ser
100 105 110

Val Asn Arg Gly Thr Cys Gln Arg His Val Phe Pro His Asn His Thr
115 120 125

Ala Asp Ile Gln Ser Glu Val His Cys Ile Phe Ser Pro Gln Ile Glu
130 135 140

Glu Pro Ser Gln Cys Pro Asp Cys Val Val Ser Ala Leu Gly Ala Lys
145 150 155 160

Val Leu Ser Ser Val Lys Asp Arg Phe Ile Asn Phe Phe Val Gly Asn
165 170 175

Thr Ile Asn Ser Ser Tyr Phe Pro Asp His Pro Leu His Ser Ile Ser
180 185 190

Val Arg Arg Leu Lys Glu Thr Lys Asp Gly Phe Met Phe Leu Thr Asp
195 200 205

Gln Ser Tyr Ile Asp Val Leu Pro Glu Phe Arg Asp Ser Tyr Pro Ile
210 215 220

Lys Tyr Val His Ala Phe Glu Ser Asn Asn Phe Ile Tyr Phe Leu Thr
225 230 235 240

Val Gln Arg Glu Thr Leu Asp Ala Gln Thr Phe His Thr Arg Ile Ile
245 250 255

Arg Phe Cys Ser Ile Asn Ser Gly Leu His Ser Tyr Met Glu Met Pro
260 265 270

Leu Glu Cys Ile Leu Thr Glu Lys Arg Lys Lys Arg

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<211> 1083
<212> PRT
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<400> 59

Ser Thr Lys Lys Glu Val Phe Asn Ile Leu Gln Ala Ala Tyr Val Ser
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Lys Pro Gly Ala Gln Leu Ala Arg Gln Ile Gly Ala Ser Leu Asn Asp
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Asp Ile Leu Phe Gly Val Phe Ala Gln Ser Lys Pro Asp Ser Ala Glu
35 40 45

Pro Met Asp Arg Ser Ala Met Cys Ala Phe Pro Ile Lys Tyr Val Asn
50 55 60

Asp Phe Phe Asn Lys Ile Val Asn Lys Asn Asn Val Arg Cys Leu Gln
65 70 75 80

His Phe Tyr Gly Pro Asn His Glu His Cys Phe Asn Arg Thr Leu Leu
85 90 95

Arg Asn Ser Ser Gly Cys Glu Ala Arg Arg Asp Glu Tyr Arg Thr Glu
100 105 110

Phe Thr Thr Ala Leu Gln Arg Val Asp Leu Phe Met Gly Gln Phe Ser
115 120 125

Glu Val Leu Leu Thr Ser Ile Ser Thr Phe Ile Lys Gly Asp Leu Thr
130 135 140

Ile Ala Asn Leu Gly Thr Ser Glu Gly Arg Phe Met Gln Val Val Val
145 150 155 160

Ser Arg Ser Gly Pro Ser Thr Pro His Val Asn Phe Leu Leu Asp Ser
165 170 175

His Pro Val Ser Pro Glu Val Ile Val Glu His Thr Leu Asn Gln Asn
180 185 190

Gly Tyr Thr Leu Val Ile Thr Gly Lys Lys Ile Thr Lys Ile Pro Leu
195 200 205

Asn Gly Leu Gly Cys Arg His Phe Gln Ser Cys Ser Gln Cys Leu Ser
210 215 220

Ala Pro Pro Phe Val Gln Cys Gly Trp Cys His Asp Lys Cys Val Arg
225 230 235 240

Ser Glu Glu Cys Leu Ser Gly Thr Trp Thr Gln Gln Ile Cys Leu Pro
245 250 255

Ala Ile Tyr Lys Val Phe Pro Asn Ser Ala Pro Leu Glu Gly Gly Thr
260 265 270

Arg Leu Thr Ile Cys Gly Trp Asp Phe Gly Phe Arg Arg Asn Asn Lys
275 280 285

Phe Asp Leu Lys Lys Thr Arg Val Leu Leu Gly Asn Glu Ser Cys Thr
290 295 300

Leu Thr Leu Ser Glu Ser Thr Met Asn Thr Leu Lys Cys Thr Val Gly
305 310 315 320

Pro Ala Met Asn Lys His Phe Asn Met Ser Ile Ile Ile Ser Asn Gly
325 330 335

His Gly Thr Thr Gln Tyr Ser Thr Phe Ser Tyr Val Asp Pro Val Ile
340 345 350

Thr Ser Ile Ser Pro Lys Tyr Gly Pro Met Ala Gly Gly Thr Leu Leu
355 360 365

Thr Leu Thr Gly Asn Tyr Leu Asn Ser Gly Asn Ser Arg His Ile Ser
370 375 380

Ile Gly Gly Lys Thr Cys Thr Leu Lys Ser Val Ser Asn Ser Ile Leu
385 390 395 400

Glu Cys Tyr Thr Pro Ala Gln Thr Ile Ser Thr Glu Phe Ala Val Lys
405 410 415

Leu Lys Ile Asp Leu Ala Asn Arg Glu Thr Ser Ile Phe Ser Tyr Arg
420 425 430

Glu Asp Pro Ile Val Tyr Glu Ile His Pro Thr Lys Ser Phe Ile Ser
435 440 445

Gly Gly Ser Thr Ile Thr Gly Val Gly Lys Asn Leu Asn Ser Val Ser
450 455 460

Val Pro Arg Met Val Ile Asn Val His Glu Ala Gly Arg Asn Phe Thr
465 470 475 480

Val Ala Cys Gln His Arg Ser Asn Ser Glu Ile Ile Cys Cys Thr Thr
485 490 495

Pro Ser Leu Gln Gln Leu Asn Leu Gln Leu Pro Leu Lys Thr Lys Ala
500 505 510

Phe Phe Met Leu Asp Gly Ile Leu Ser Lys Tyr Phe Asp Leu Ile Tyr
515 520 525

Val His Asn Pro Val Phe Lys Pro Phe Glu Lys Pro Val Met Ile Ser
530 535 540

Met Gly Asn Glu Asn Val Leu Glu Ile Lys Gly Asn Asp Ile Asp Pro
545 550 555 560

Glu Ala Val Lys Gly Glu Val Leu Lys Val Gly Asn Lys Ser Cys Glu
565 570 575

Asn Ile His Leu His Ser Glu Ala Val Leu Cys Thr Val Pro Asn Asp
580 585 590

Leu Leu Lys Leu Asn Ser Glu Leu Asn Ile Glu Trp Lys Gln Ala Ile
595 600 605

Ser Ser Thr Val Leu Gly Lys Val Ile Val Gln Pro Asp Gln Asn Phe
610 615 620

Thr Gly Leu Ile Ala Gly Val Val Ser Ile Ser Thr Ala Leu Leu Leu
625 630 635 640

Leu Leu Gly Phe Phe Leu Trp Leu Lys Lys Arg Lys Gln Ile Lys Asp
645 650 655

Leu Gly Ser Glu Leu Val Arg Tyr Asp Ala Arg Val His Thr Pro His
660 665 670

Leu Asp Arg Leu Val Ser Ala Arg Ser Val Ser Pro Thr Thr Glu Met
675 680 685

Val Ser Asn Glu Ser Val Asp Tyr Arg Ala Thr Phe Pro Glu Asp Gln
690 695 700

Phe Pro Asn Ser Ser Gln Asn Gly Ser Cys Arg Gln Val Gln Tyr Pro
705 710 715 720

Leu Thr Asp Met Ser Pro Ile Leu Thr Ser Gly Asp Ser Asp Ile Ser
725 730 735

Ser Pro Leu Leu Gln Asn Thr Val His Ile Asp Leu Ser Ala Leu Asn
740 745 750

Pro Glu Leu Val Gln Ala Val Gln His Val Val Ile Gly Pro Ser Ser
755 760 765

Leu Ile Val His Phe Asn Glu Val Ile Gly Arg Gly His Phe Gly Cys
770 775 780

Val Tyr His Gly Thr Leu Leu Asp Asn Asp Gly Lys Lys Ile His Cys
785 790 795 800

Ala Val Lys Ser Leu Asn Arg Ile Thr Asp Ile Gly Glu Val Ser Gln
805 810 815

Phe Leu Thr Glu Gly Ile Ile Met Lys Asp Phe Ser His Pro Asn Val
820 825 830

Leu Ser Leu Leu Gly Ile Cys Leu Arg Ser Glu Gly Ser Pro Leu Val
835 840 845

Val Leu Pro Tyr Met Lys His Gly Asp Leu Arg Asn Phe Ile Arg Asn
850 855 860

Glu Thr His Asn Pro Thr Val Lys Asp Leu Ile Gly Phe Gly Leu Gln
865 870 875 880

Val Ala Lys Gly Met Lys Tyr Leu Ala Ser Lys Lys Phe Val His Arg
885 890 895

Asp Leu Ala Ala Arg Asn Cys Met Leu Asp Glu Lys Phe Thr Val Lys
900 905 910

Val Ala Asp Phe Gly Leu Ala Arg Asp Met Tyr Asp Lys Glu Tyr Tyr
915 920 925

Ser Val His Asn Lys Thr Gly Ala Lys Leu Pro Val Lys Trp Met Ala
930 935 940

Leu Glu Ser Leu Gln Thr Gln Lys Phe Thr Thr Lys Ser Asp Val Trp
945 950 955 960

Ser Phe Gly Val Val Leu Trp Glu Leu Met Thr Arg Gly Ala Pro Pro
965 970 975

Tyr Pro Asp Val Asn Thr Phe Asp Ile Thr Val Tyr Leu Leu Gln Gly
980 985 990

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Arg Arg Leu Leu Gln Pro Glu Tyr  Cys Pro Asp Pro Leu  Tyr Glu Val
        995                 1000                1005

Met Leu  Lys Cys Trp His Pro  Lys Ala Glu Met Arg  Pro Ser Phe
    1010                1015                1020

Ser Glu  Leu Val Ser Arg Ile  Ser Ala Ile Phe Ser  Thr Phe Ile
    1025                1030                1035

Gly Glu  His Tyr Val His Val  Asn Ala Thr Tyr Val  Asn Val Lys
    1040                1045                1050

Cys Val  Ala Pro Tyr Pro Ser  Leu Leu Ser Ser Glu  Asp Asn Ala
    1055                1060                1065

Asp Asp  Glu Val Asp Thr Arg  Pro Ala Ser Phe Trp  Glu Thr Ser
    1070                1075                1080
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