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<170> PatentIn version 3.5

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Met Ser Val Trp Thr Ser Pro Arg Arg Leu Val Glu Leu Ala Gly Gln
20 25 30

Ser Leu Leu Lys Asp Glu Ala Leu Ala Ile Ala Ala Leu Glu Leu Leu
35 40 45

Pro Arg Glu Leu Phe Pro Pro Leu Phe Met Ala Ala Phe Asp Gly Arg
50 55 60

His Ser Gln Thr Leu Lys Ala Met Val Gln Ala Trp Pro Phe Thr Cys
65 70 75 80

Leu Pro Leu Gly Val Leu Met Lys Gly Gln His Leu His Leu Glu Thr
85 90 95

Phe Lys Ala Val Leu Asp Gly Leu Asp Val Leu Leu Ala Gln Glu Val

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            100                 105                 110

Arg Pro Arg Arg Trp Lys Leu Gln Val Leu Asp Leu Arg Lys Asn Ser
        115                 120                 125

His Gln Asp Phe Trp Thr Val Trp Ser Gly Asn Arg Ala Ser Leu Tyr
    130                 135                 140

Ser Phe Pro Glu Pro Glu Ala Ala Gln Pro Met Thr Lys Lys Arg Lys
145                 150                 155                 160

Val Asp Gly Leu Ser Thr Glu Ala Glu Gln Pro Phe Ile Pro Val Glu
                165                 170                 175

Val Leu Val Asp Leu Phe Leu Lys Glu Gly Ala Cys Asp Glu Leu Phe
            180                 185                 190

Ser Tyr Leu Ile Glu Lys Val Lys Arg Lys Lys Asn Val Leu Arg Leu
        195                 200                 205

Cys Cys Lys Lys Leu Lys Ile Phe Ala Met Pro Met Gln Asp Ile Lys
    210                 215                 220

Met Ile Leu Lys Met Val Gln Leu Asp Ser Ile Glu Asp Leu Glu Val
225                 230                 235                 240

Thr Cys Thr Trp Lys Leu Pro Thr Leu Ala Lys Phe Ser Pro Tyr Leu
                245                 250                 255

Gly Gln Met Ile Asn Leu Arg Arg Leu Leu Leu Ser His Ile His Ala
            260                 265                 270

Ser Ser Tyr Ile Ser Pro Glu Lys Glu Glu Gln Tyr Ile Ala Gln Phe
        275                 280                 285

Thr Ser Gln Phe Leu Ser Leu Gln Cys Leu Gln Ala Leu Tyr Val Asp
    290                 295                 300

Ser Leu Phe Phe Leu Arg Gly Arg Leu Asp Gln Leu Leu Arg His Val
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Met Asn Pro Leu Glu Thr Leu Ser Ile Thr Asn Cys Arg Leu Ser Glu
                325                 330                 335
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Gly Asp Val Met His Leu Ser Gln Ser Pro Ser Val Ser Gln Leu Ser
            340                 345                 350

Val Leu Ser Leu Ser Gly Val Met Leu Thr Asp Val Ser Pro Glu Pro
        355                 360                 365

Leu Gln Ala Leu Leu Glu Arg Ala Ser Ala Thr Leu Gln Asp Leu Val
    370                 375                 380

Phe Asp Glu Cys Gly Ile Thr Asp Asp Gln Leu Leu Ala Leu Leu Pro
385                 390                 395                 400

Ser Leu Ser His Cys Ser Gln Leu Thr Thr Leu Ser Phe Tyr Gly Asn
                405                 410                 415

Ser Ile Ser Ile Ser Ala Leu Gln Ser Leu Leu Gln His Leu Ile Gly
            420                 425                 430

Leu Ser Asn Leu Thr His Val Leu Tyr Pro Val Pro Leu Glu Ser Tyr
        435                 440                 445

Glu Asp Ile His Gly Thr Leu His Leu Glu Arg Leu Ala Tyr Leu His
    450                 455                 460

Ala Arg Leu Arg Glu Leu Leu Cys Glu Leu Gly Arg Pro Ser Met Val
465                 470                 475                 480

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Glu His Thr Leu Glu Ser Lys Ala Leu Ala Phe Ala Gln Gln Ala Asp
        35                  40                  45

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

Ile His Asp His Phe Leu Asp Gly Leu Thr Asp Val Ala Lys Lys Phe
65                  70                  75                  80

Pro His Arg His Arg Lys Asp Gly Arg Tyr Tyr Val Ile Asp Phe Thr
                85                  90                  95

Leu Lys Glu Ile Gln Ser Leu Glu Met Thr Glu Asn Phe Glu Thr Met
            100                 105                 110

Glu Arg Arg Arg Leu Trp Gly Ser Ile Gln Ser Arg Tyr Ile Ser Met
        115                 120                 125

Ser Val Trp Thr Ser Pro Arg Arg Leu Val Glu Leu Ala Gly Gln Ser
    130                 135                 140

Leu Leu Lys Asp Glu Ala Leu Ala Ile Ala Ala Leu Glu Leu Leu Pro
145                 150                 155                 160

Arg Glu Leu Phe Pro Pro Leu Phe Met Ala Ala Phe Asp Gly Arg His
                165                 170                 175

Ser Gln Thr Leu Lys Ala Met Val Gln Ala Trp Pro Phe Thr Cys Leu
            180                 185                 190

Pro Leu Gly Val Leu Met Lys Gly Gln His Leu His Leu Glu Thr Phe
        195                 200                 205

Lys Ala Val Leu Asp Gly Leu Asp Val Leu Leu Ala Gln Glu Val Arg
    210                 215                 220

Pro Arg Arg Trp Lys Leu Gln Val Leu Asp Leu Arg Lys Asn Ser His
225                 230                 235                 240

Gln Asp Phe Trp Thr Val Trp Ser Gly Asn Arg Ala Ser Leu Tyr Ser
                245                 250                 255
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Phe Pro Glu Pro Glu Ala Ala Gln Pro Met Thr Lys Lys Arg Lys Val
            260                 265                 270

Asp Gly Leu Ser Thr Glu Ala Glu Gln Pro Phe Ile Pro Val Glu Val
        275                 280                 285

Leu Val Asp Leu Phe Leu Lys Glu Gly Ala Cys Asp Glu Leu Phe Ser
    290                 295                 300

Tyr Leu Ile Glu Lys Val Lys Arg Lys Lys Asn Val Leu Arg Leu Cys
305                 310                 315                 320

Cys Lys Lys Leu Lys Ile Phe Ala Met Pro Met Gln Asp Ile Lys Met
                325                 330                 335

Ile Leu Lys Met Val Gln Leu Asp Ser Ile Glu Asp Leu Glu Val Thr
            340                 345                 350

Cys Thr Trp Lys Leu Pro Thr Leu Ala Lys Phe Ser Pro Tyr Leu Gly
        355                 360                 365

Gln Met Ile Asn Leu Arg Arg Leu Leu Leu Ser His Ile His Ala Ser
    370                 375                 380

Ser Tyr Ile Ser Pro Glu Lys Glu Glu Gln Tyr Ile Ala Gln Phe Thr
385                 390                 395                 400

Ser Gln Phe Leu Ser Leu Gln Cys Leu Gln Ala Leu Tyr Val Asp Ser
                405                 410                 415

Leu Phe Phe Leu Arg Gly Arg Leu Asp Gln Leu Leu Arg His Val Met
            420                 425                 430

Asn Pro Leu Glu Thr Leu Ser Ile Thr Asn Cys Arg Leu Ser Glu Gly
        435                 440                 445

Asp Val Met His Leu Ser Gln Ser Pro Ser Val Ser Gln Leu Ser Val
    450                 455                 460

Leu Ser Leu Ser Gly Val Met Leu Thr Asp Val Ser Pro Glu Pro Leu
465                 470                 475                 480

Gln Ala Leu Leu Glu Arg Ala Ser Ala Thr Leu Gln Asp Leu Val Phe
                485                 490                 495
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Asp Glu Cys Gly Ile Thr Asp Asp Gln Leu Leu Ala Leu Leu Pro Ser
500 505 510

Leu Ser His Cys Ser Gln Leu Thr Thr Leu Ser Phe Tyr Gly Asn Ser
515 520 525

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