SEQUENCE LISTING

<110> Janssen Vaccines and Prevention B.V.

<120> Adenovirus vectors and uses thereof

<130> 0298 WO 00 ORD

<160> 29

<170> PatentIn version 3.5

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<223> Ad26HVRPtr12 hexon HVRs

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Pro Ser Gln Trp Glu Gln Asn Glu Thr Asn Val Asn Lys Thr His Thr
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Phe Gly Met Ala Ala Met Lys Gly Glu Ala Ile Asp Lys Asn Gly Leu
            20                  25                  30


Gln Ile Gly Thr Asp Ala Ala Asp Gln Asp Lys Pro Ile Tyr Ala Asp
        35                  40                  45


Lys Thr Phe Gln Pro Glu Pro Gln Val Gly Glu Glu Asp Trp Ile Asp
    50                  55                  60


Lys Ala Asp Phe Tyr Gly Gly Arg Ala Leu Lys Lys Asp Thr Lys Met
65                  70                  75                  80


Lys Pro Cys Tyr Gly Ser Phe Ala Arg Pro Thr Asn Glu Lys Gly Gly
                85                  90                  95


Gln Ala Lys Phe Lys Pro Val Asn Glu Gly Glu Gln Pro Lys Asp Leu
            100                 105                 110
```

```
Asp Ile Asp Met Asn Phe Phe Asp Pro Thr Thr Ile Asn Thr Pro Asp
        115                 120                 125

Val Val Leu Tyr Thr Glu Asn Val Asn Leu Glu Thr Pro Asp Thr His
    130                 135                 140

Val Val Tyr Lys Ala Gly Thr Ser Asp Asp Ser Ser Glu Val Asn Leu
145                 150                 155                 160

Ala Gln Gln Ser Met Pro Asn Arg Pro Asn Tyr Ile Gly Phe Arg Asp
                165                 170                 175

Asn Phe Val Gly Leu Met Tyr Tyr Asn Ser Thr Gly Asn Met Gly Val
            180                 185                 190

Leu Ala Gly Gln Ala Ser Gln Leu Asn Ala Val Val Asp Leu Gln Asp
        195                 200                 205

Arg Asn Thr Glu Leu Ser Tyr Gln Leu Leu Leu Asp Ser Leu Gly Asp
    210                 215                 220

Arg Thr Arg Tyr Phe Ser Met Trp Asn Ser Ala Val Asp Ser Tyr Asp
225                 230                 235                 240

Pro Asp Val Arg Ile Ile Glu Asn His Gly Val Glu Asp Glu Leu Pro
                245                 250                 255

Asn Tyr Cys Phe Pro Leu Asp Gly Val Gly Thr Asn Thr Ala Tyr Gln
            260                 265                 270

Gly Val Lys Val Lys Thr Thr Asn Gly Asn Asp Thr Trp Glu Lys Asp
        275                 280                 285

Glu Thr Val Tyr Glu Phe Asn Gln Ile Gly Lys Gly Asp Ile Tyr
    290                 295                 300
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<210> 2
<211> 317

<212> PRT
<213> Artificial Sequence

<220>
<223> Ad26HVRPtr13 hexon HVRs

<400> 2

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Ser Ser Gln Trp Glu Gln Ala Lys Pro Gly Asn Gly Gly Thr Met Glu
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Thr His Thr Tyr Gly Val Ala Pro Met Gly Gly Glu Asn Ile Thr Lys
            20                  25                  30


Asp Gly Leu Gln Ile Gly Thr Asp Ala Thr Ala Asp Gln Asn Lys Pro
        35                  40                  45


Ile Tyr Ala Asp Lys Thr Phe Gln Pro Glu Pro Gln Val Gly Glu Glu
    50                  55                  60


Asn Trp Gln Glu Thr Glu Ser Phe Tyr Gly Gly Arg Ala Leu Lys Lys
65                  70                  75                  80


Asp Thr Lys Met Lys Pro Cys Tyr Gly Ser Phe Ala Arg Pro Thr Asn
                85                  90                  95


Glu Lys Gly Gly Gln Ala Lys Phe Lys Pro Val Asn Glu Gly Glu Gln
            100                 105                 110


Pro Lys Asp Leu Asp Ile Asp Leu Ala Phe Phe Asp Thr Pro Gly Gly
        115                 120                 125


Thr Val Asn Gly Gln Asp Glu Tyr Lys Ala Asp Ile Val Met Tyr Thr
    130                 135                 140


Glu Asn Val Asn Leu Glu Thr Pro Asp Thr His Val Val Tyr Lys Pro
145                 150                 155                 160


Gly Lys Glu Asp Ala Ser Ser Glu Ile Asn Leu Val Gln Gln Ser Met
                165                 170                 175
```

```
Pro Asn Arg Pro Asn Tyr Ile Gly Phe Arg Asp Asn Phe Val Gly Leu
            180                 185                 190

Met Tyr Tyr Asn Ser Thr Gly Asn Met Gly Val Leu Ala Gly Gln Ala
        195                 200                 205

Ser Gln Leu Asn Ala Val Val Asp Leu Gln Asp Arg Asn Thr Glu Leu
    210                 215                 220

Ser Tyr Gln Leu Leu Leu Asp Ser Leu Gly Asp Arg Thr Arg Tyr Phe
225                 230                 235                 240

Ser Met Trp Asn Ser Ala Val Asp Ser Tyr Asp Pro Asp Val Arg Ile
                245                 250                 255

Ile Glu Asn His Gly Val Glu Asp Glu Leu Pro Asn Tyr Cys Phe Pro
            260                 265                 270

Leu Asp Gly Ser Gly Thr Asn Ala Ala Tyr Gln Gly Val Lys Val Lys
        275                 280                 285

Asn Gly Glu Asp Gly Asp Leu Glu Ser Glu Trp Glu Asn Asp Asp Thr
    290                 295                 300

Val Ala Ala Arg Asn Gln Ile Cys Lys Gly Asn Ile Phe
305                 310                 315
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<212> PRT
<213> Artificial Sequence

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<223> Ad26HVRPtr12 hexon

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Met Ala Thr Pro Ser Met Met Pro Gln Trp Ala Tyr Met His Ile Ala
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```
Gly Gln Asp Ala Ser Glu Tyr Leu Ser Pro Gly Leu Val Gln Phe Ala
            20                  25                  30

Arg Ala Thr Asp Thr Tyr Phe Ser Leu Gly Asn Lys Phe Arg Asn Pro
        35                  40                  45

Thr Val Ala Pro Thr His Asp Val Thr Thr Asp Arg Ser Gln Arg Leu
    50                  55                  60

Thr Leu Arg Phe Val Pro Val Asp Arg Glu Asp Thr Thr Tyr Ser Tyr
65                  70                  75                  80

Lys Ala Arg Phe Thr Leu Ala Val Gly Asp Asn Arg Val Leu Asp Met
                85                  90                  95

Ala Ser Thr Tyr Phe Asp Ile Arg Gly Val Leu Asp Arg Gly Pro Ser
            100                 105                 110

Phe Lys Pro Tyr Ser Gly Thr Ala Tyr Asn Ser Leu Ala Pro Lys Gly
        115                 120                 125

Ala Pro Asn Pro Ser Gln Trp Glu Gln Asn Glu Thr Asn Val Asn Lys
    130                 135                 140

Thr His Thr Phe Gly Met Ala Ala Met Lys Gly Glu Ala Ile Asp Lys
145                 150                 155                 160

Asn Gly Leu Gln Ile Gly Thr Asp Ala Ala Asp Gln Asp Lys Pro Ile
                165                 170                 175

Tyr Ala Asp Lys Thr Phe Gln Pro Glu Pro Gln Val Gly Glu Glu Asp
            180                 185                 190

Trp Ile Asp Lys Ala Asp Phe Tyr Gly Gly Arg Ala Leu Lys Lys Asp
        195                 200                 205
```

```
Thr Lys Met Lys Pro Cys Tyr Gly Ser Phe Ala Arg Pro Thr Asn Glu
    210                 215                 220

Lys Gly Gly Gln Ala Lys Phe Lys Pro Val Asn Glu Gly Glu Gln Pro
225                 230                 235                 240

Lys Asp Leu Asp Ile Asp Met Asn Phe Phe Asp Pro Thr Thr Ile Asn
                245                 250                 255

Thr Pro Asp Val Val Leu Tyr Thr Glu Asn Val Asn Leu Glu Thr Pro
            260                 265                 270

Asp Thr His Val Val Tyr Lys Ala Gly Thr Ser Asp Asp Ser Ser Glu
        275                 280                 285

Val Asn Leu Ala Gln Gln Ser Met Pro Asn Arg Pro Asn Tyr Ile Gly
    290                 295                 300

Phe Arg Asp Asn Phe Val Gly Leu Met Tyr Tyr Asn Ser Thr Gly Asn
305                 310                 315                 320

Met Gly Val Leu Ala Gly Gln Ala Ser Gln Leu Asn Ala Val Val Asp
                325                 330                 335

Leu Gln Asp Arg Asn Thr Glu Leu Ser Tyr Gln Leu Leu Leu Asp Ser
            340                 345                 350

Leu Gly Asp Arg Thr Arg Tyr Phe Ser Met Trp Asn Ser Ala Val Asp
        355                 360                 365

Ser Tyr Asp Pro Asp Val Arg Ile Ile Glu Asn His Gly Val Glu Asp
    370                 375                 380

Glu Leu Pro Asn Tyr Cys Phe Pro Leu Asp Gly Val Gly Thr Asn Thr
385                 390                 395                 400

Ala Tyr Gln Gly Val Lys Val Lys Thr Thr Asn Gly Asn Asp Thr Trp
                405                 410                 415
```

```
Glu Lys Asp Glu Thr Val Tyr Glu Phe Asn Gln Ile Gly Lys Gly Asp
            420                 425                 430

Ile Tyr Ala Met Glu Ile Asn Leu Gln Ala Asn Leu Trp Lys Ser Phe
        435                 440                 445

Leu Tyr Ser Asn Val Ala Leu Tyr Leu Pro Asp Ser Tyr Lys Tyr Thr
    450                 455                 460

Pro Ala Asn Val Lys Leu Pro Ala Asn Thr Asn Thr Tyr Glu Tyr Met
465                 470                 475                 480

Asn Gly Arg Val Val Ala Pro Ser Leu Val Asp Ala Tyr Ile Asn Ile
                485                 490                 495

Gly Ala Arg Trp Ser Leu Asp Pro Met Asp Asn Val Asn Pro Phe Asn
            500                 505                 510

His His Arg Asn Ala Gly Leu Arg Tyr Arg Ser Met Leu Leu Gly Asn
        515                 520                 525

Gly Arg Tyr Val Pro Phe His Ile Gln Val Pro Gln Lys Phe Phe Ala
    530                 535                 540

Ile Lys Asn Leu Leu Leu Leu Pro Gly Ser Tyr Thr Tyr Glu Trp Asn
545                 550                 555                 560

Phe Arg Lys Asp Val Asn Met Ile Leu Gln Ser Ser Leu Gly Asn Asp
                565                 570                 575

Leu Arg Val Asp Gly Ala Ser Val Arg Phe Asp Ser Val Asn Leu Tyr
            580                 585                 590

Ala Thr Phe Phe Pro Met Ala His Asn Thr Ala Ser Thr Leu Glu Ala
        595                 600                 605
```

```
Met Leu Arg Asn Asp Thr Asn Asp Gln Ser Phe Asn Asp Tyr Leu Ser
    610                 615                 620

Ala Ala Asn Met Leu Tyr Pro Ile Pro Ala Lys Ala Thr Asn Val Pro
625                 630                 635                 640

Ile Ser Ile Pro Ser Arg Asn Trp Ala Ala Phe Arg Gly Trp Ser Phe
                645                 650                 655

Thr Arg Leu Lys Thr Lys Glu Thr Pro Ser Leu Gly Ser Gly Phe Asp
            660                 665                 670

Pro Tyr Phe Val Tyr Ser Gly Ser Ile Pro Tyr Leu Asp Gly Thr Phe
        675                 680                 685

Tyr Leu Asn His Thr Phe Lys Lys Val Ser Ile Met Phe Asp Ser Ser
    690                 695                 700

Val Ser Trp Pro Gly Asn Asp Arg Leu Leu Thr Pro Asn Glu Phe Glu
705                 710                 715                 720

Ile Lys Arg Ser Val Asp Gly Glu Gly Tyr Asn Val Ala Gln Cys Asn
                725                 730                 735

Met Thr Lys Asp Trp Phe Leu Val Gln Met Leu Ser His Tyr Asn Ile
            740                 745                 750

Gly Tyr Gln Gly Phe His Val Pro Glu Gly Tyr Lys Asp Arg Met Tyr
        755                 760                 765

Ser Phe Phe Arg Asn Phe Gln Pro Met Ser Arg Gln Val Val Asp Glu
    770                 775                 780

Ile Asn Tyr Lys Asp Tyr Lys Ala Val Thr Leu Pro Phe Gln His Asn
785                 790                 795                 800

Asn Ser Gly Phe Thr Gly Tyr Leu Ala Pro Thr Met Arg Gln Gly Gln
                805                 810                 815
```

```
Pro Tyr Pro Ala Asn Phe Pro Tyr Pro Leu Ile Gly Gln Thr Ala Val
            820                 825                 830

Pro Ser Val Thr Gln Lys Lys Phe Leu Cys Asp Arg Val Met Trp Arg
        835                 840                 845

Ile Pro Phe Ser Ser Asn Phe Met Ser Met Gly Ala Leu Thr Asp Leu
    850                 855                 860

Gly Gln Asn Met Leu Tyr Ala Asn Ser Ala His Ala Leu Asp Met Thr
865                 870                 875                 880

Phe Glu Val Asp Pro Met Asp Glu Pro Thr Leu Leu Tyr Leu Leu Phe
                885                 890                 895

Glu Val Phe Asp Val Val Arg Val His Gln Pro His Arg Gly Val Ile
            900                 905                 910

Glu Ala Val Tyr Leu Arg Thr Pro Phe Ser Ala Gly Asn Ala Thr Thr
        915                 920                 925
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<211> 942
<212> PRT
<213> Artificial Sequence

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<223> Ad26HVRPtr13 hexon

<400> 4

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Gly Gln Asp Ala Ser Glu Tyr Leu Ser Pro Gly Leu Val Gln Phe Ala
            20                  25                  30

Arg Ala Thr Asp Thr Tyr Phe Ser Leu Gly Asn Lys Phe Arg Asn Pro
        35                  40                  45
```

```
Thr Val Ala Pro Thr His Asp Val Thr Thr Asp Arg Ser Gln Arg Leu
    50                  55                  60

Thr Leu Arg Phe Val Pro Val Asp Arg Glu Asp Thr Thr Tyr Ser Tyr
65                  70                  75                  80

Lys Ala Arg Phe Thr Leu Ala Val Gly Asp Asn Arg Val Leu Asp Met
                85                  90                  95

Ala Ser Thr Tyr Phe Asp Ile Arg Gly Val Leu Asp Arg Gly Pro Ser
            100                 105                 110

Phe Lys Pro Tyr Ser Gly Thr Ala Tyr Asn Ser Leu Ala Pro Lys Gly
        115                 120                 125

Ala Pro Asn Ser Ser Gln Trp Glu Gln Ala Lys Pro Gly Asn Gly Gly
    130                 135                 140

Thr Met Glu Thr His Thr Tyr Gly Val Ala Pro Met Gly Gly Glu Asn
145                 150                 155                 160

Ile Thr Lys Asp Gly Leu Gln Ile Gly Thr Asp Ala Thr Ala Asp Gln
                165                 170                 175

Asn Lys Pro Ile Tyr Ala Asp Lys Thr Phe Gln Pro Glu Pro Gln Val
            180                 185                 190

Gly Glu Glu Asn Trp Gln Glu Thr Glu Ser Phe Tyr Gly Gly Arg Ala
        195                 200                 205

Leu Lys Lys Asp Thr Lys Met Lys Pro Cys Tyr Gly Ser Phe Ala Arg
    210                 215                 220

Pro Thr Asn Glu Lys Gly Gly Gln Ala Lys Phe Lys Pro Val Asn Glu
225                 230                 235                 240
```

```
Gly Glu Gln Pro Lys Asp Leu Asp Ile Asp Leu Ala Phe Phe Asp Thr
                245                 250                 255

Pro Gly Gly Thr Val Asn Gly Gln Asp Glu Tyr Lys Ala Asp Ile Val
            260                 265                 270

Met Tyr Thr Glu Asn Val Asn Leu Glu Thr Pro Asp Thr His Val Val
        275                 280                 285

Tyr Lys Pro Gly Lys Glu Asp Ala Ser Ser Glu Ile Asn Leu Val Gln
    290                 295                 300

Gln Ser Met Pro Asn Arg Pro Asn Tyr Ile Gly Phe Arg Asp Asn Phe
305                 310                 315                 320

Val Gly Leu Met Tyr Tyr Asn Ser Thr Gly Asn Met Gly Val Leu Ala
                325                 330                 335

Gly Gln Ala Ser Gln Leu Asn Ala Val Val Asp Leu Gln Asp Arg Asn
            340                 345                 350

Thr Glu Leu Ser Tyr Gln Leu Leu Leu Asp Ser Leu Gly Asp Arg Thr
        355                 360                 365

Arg Tyr Phe Ser Met Trp Asn Ser Ala Val Asp Ser Tyr Asp Pro Asp
    370                 375                 380

Val Arg Ile Ile Glu Asn His Gly Val Glu Asp Glu Leu Pro Asn Tyr
385                 390                 395                 400

Cys Phe Pro Leu Asp Gly Ser Gly Thr Asn Ala Ala Tyr Gln Gly Val
                405                 410                 415

Lys Val Lys Asn Gly Glu Asp Gly Asp Leu Glu Ser Glu Trp Glu Asn
            420                 425                 430

Asp Asp Thr Val Ala Ala Arg Asn Gln Ile Cys Lys Gly Asn Ile Phe
        435                 440                 445
```

```
Ala Met Glu Ile Asn Leu Gln Ala Asn Leu Trp Lys Ser Phe Leu Tyr
    450                 455                 460

Ser Asn Val Ala Leu Tyr Leu Pro Asp Ser Tyr Lys Tyr Thr Pro Ala
465                 470                 475                 480

Asn Val Lys Leu Pro Ala Asn Thr Asn Thr Tyr Glu Tyr Met Asn Gly
                485                 490                 495

Arg Val Val Ala Pro Ser Leu Val Asp Ala Tyr Ile Asn Ile Gly Ala
            500                 505                 510

Arg Trp Ser Leu Asp Pro Met Asp Asn Val Asn Pro Phe Asn His His
        515                 520                 525

Arg Asn Ala Gly Leu Arg Tyr Arg Ser Met Leu Leu Gly Asn Gly Arg
    530                 535                 540

Tyr Val Pro Phe His Ile Gln Val Pro Gln Lys Phe Phe Ala Ile Lys
545                 550                 555                 560

Asn Leu Leu Leu Leu Pro Gly Ser Tyr Thr Tyr Glu Trp Asn Phe Arg
                565                 570                 575

Lys Asp Val Asn Met Ile Leu Gln Ser Ser Leu Gly Asn Asp Leu Arg
            580                 585                 590

Val Asp Gly Ala Ser Val Arg Phe Asp Ser Val Asn Leu Tyr Ala Thr
        595                 600                 605

Phe Phe Pro Met Ala His Asn Thr Ala Ser Thr Leu Glu Ala Met Leu
    610                 615                 620

Arg Asn Asp Thr Asn Asp Gln Ser Phe Asn Asp Tyr Leu Ser Ala Ala
625                 630                 635                 640
```

```
Asn Met Leu Tyr Pro Ile Pro Ala Lys Ala Thr Asn Val Pro Ile Ser
                645                 650                 655

Ile Pro Ser Arg Asn Trp Ala Ala Phe Arg Gly Trp Ser Phe Thr Arg
            660                 665                 670

Leu Lys Thr Lys Glu Thr Pro Ser Leu Gly Ser Gly Phe Asp Pro Tyr
        675                 680                 685

Phe Val Tyr Ser Gly Ser Ile Pro Tyr Leu Asp Gly Thr Phe Tyr Leu
    690                 695                 700

Asn His Thr Phe Lys Lys Val Ser Ile Met Phe Asp Ser Ser Val Ser
705                 710                 715                 720

Trp Pro Gly Asn Asp Arg Leu Leu Thr Pro Asn Glu Phe Glu Ile Lys
                725                 730                 735

Arg Ser Val Asp Gly Glu Gly Tyr Asn Val Ala Gln Cys Asn Met Thr
            740                 745                 750

Lys Asp Trp Phe Leu Val Gln Met Leu Ser His Tyr Asn Ile Gly Tyr
        755                 760                 765

Gln Gly Phe His Val Pro Glu Gly Tyr Lys Asp Arg Met Tyr Ser Phe
    770                 775                 780

Phe Arg Asn Phe Gln Pro Met Ser Arg Gln Val Val Asp Glu Ile Asn
785                 790                 795                 800

Tyr Lys Asp Tyr Lys Ala Val Thr Leu Pro Phe Gln His Asn Asn Ser
                805                 810                 815

Gly Phe Thr Gly Tyr Leu Ala Pro Thr Met Arg Gln Gly Gln Pro Tyr
            820                 825                 830

Pro Ala Asn Phe Pro Tyr Pro Leu Ile Gly Gln Thr Ala Val Pro Ser
        835                 840                 845
```

Val Thr Gln Lys Lys Phe Leu Cys Asp Arg Val Met Trp Arg Ile Pro
    850   855   860

Phe Ser Ser Asn Phe Met Ser Met Gly Ala Leu Thr Asp Leu Gly Gln
865   870   875   880

Asn Met Leu Tyr Ala Asn Ser Ala His Ala Leu Asp Met Thr Phe Glu
                885   890   895

Val Asp Pro Met Asp Glu Pro Thr Leu Leu Tyr Leu Leu Phe Glu Val
            900   905   910

Phe Asp Val Val Arg Val His Gln Pro His Arg Gly Val Ile Glu Ala
        915   920   925

Val Tyr Leu Arg Thr Pro Phe Ser Ala Gly Asn Ala Thr Thr
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gggctgatga cgtataaaaa agcggacttt agacccggaa acggccgatt ttcccgcggc   240

cacgcccgga tatgaggtaa ttctgggcgg atgcaagtga aattaggtca ttttggcgcg   300

aaaactgaat gaggaagtga aaagcgaaaa ataccggtcc ctcccagggc ggaatattta   360

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Cys Cys Cys Cys Ala Cys Ala Ala Ala Gly Thr Ala Ala Ala Cys Ala
20 25 30

Ala Ala Ala Gly Thr Thr Ala Ala Thr Ala Thr Gly Cys Ala Ala Ala
35 40 45

```
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    50                  55                  60

Ala Ala Cys Gly Gly Thr Thr Thr Thr Gly Gly Gly Gly Cys Gly Gly
65                  70                  75                  80

Ala Gly Cys Cys Ala Ala Cys Gly Cys Thr Gly Ala Thr Thr Gly Gly
                85                  90                  95

Ala Cys Gly Ala Gly Ala Ala Ala Cys Gly Gly Thr Gly Ala Thr Gly
            100                 105                 110

Cys Ala Ala Ala Thr Gly Ala Cys Gly Thr Cys Ala Cys Gly Ala Cys
        115                 120                 125

Gly Cys Ala Cys Gly Gly Cys Thr Ala Ala Cys Gly Gly Thr Cys Gly
    130                 135                 140

Cys Cys Gly Cys Gly Gly Ala Gly Gly Cys Gly Thr Gly Gly Cys Cys
145                 150                 155                 160

Thr Ala Gly Cys Cys Cys Gly Gly Ala Ala Gly Cys Ala Ala Gly Thr
                165                 170                 175

Cys Gly Cys Gly Gly Gly Gly Cys Thr Gly Ala Thr Gly Ala Cys Gly
            180                 185                 190

Thr Ala Thr Ala Ala Ala Ala Ala Ala Gly Cys Gly Gly Ala Cys Thr
        195                 200                 205

Thr Thr Ala Gly Ala Cys Cys Cys Gly Gly Ala Ala Ala Cys Gly Gly
    210                 215                 220

Cys Cys Gly Ala Thr Thr Thr Thr Cys Cys Cys Gly Cys Gly Gly Cys
225                 230                 235                 240

Cys Ala Cys Gly Cys Cys Cys Gly Gly Ala Thr Ala Thr Gly Ala Gly
                245                 250                 255
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```
Gly Thr Ala Ala Thr Thr Cys Thr Gly Gly Gly Cys Gly Gly Ala Thr
            260                 265                 270

Gly Cys Ala Ala Gly Thr Gly Ala Ala Ala Thr Thr Ala Gly Gly Thr
        275                 280                 285

Cys Ala Thr Thr Thr Thr Gly Gly Cys Gly Cys Gly Ala Ala Ala Ala
    290                 295                 300

Cys Thr Gly Ala Ala Thr Gly Ala Gly Gly Ala Ala Gly Thr Gly Ala
305                 310                 315                 320

Ala Ala Ala Gly Cys Gly Ala Ala Ala Ala Ala Thr Ala Cys Cys Gly
                325                 330                 335

Gly Thr Cys Cys Cys Thr Cys Cys Cys Ala Gly Gly Gly Cys Gly Gly
            340                 345                 350

Ala Ala Thr Ala Thr Thr Thr Ala Cys Cys Gly Ala Gly Gly Gly Cys
        355                 360                 365

Cys Gly Ala Gly Ala Gly Ala Cys Thr Thr Thr Gly Ala Cys Cys Gly
    370                 375                 380

Ala Thr Thr Ala Cys Gly Thr Gly Gly Gly Gly Gly Thr Thr Thr Cys
385                 390                 395                 400

Gly Ala Thr Thr Gly Cys Gly Gly Thr Gly Thr Thr Thr Thr Thr Thr
                405                 410                 415

Thr Cys Gly Cys Gly Ala Ala Thr Thr Thr Cys Cys Gly Cys Gly Thr
            420                 425                 430

Cys Cys Gly Thr Gly Thr Cys Ala Ala Ala Gly Thr Cys Cys Gly Gly
        435                 440                 445
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Thr Gly Thr Thr Thr Ala Thr Gly Thr Cys Ala Cys Ala Gly Ala Thr
    450                 455                 460

Cys Ala Gly Cys Thr Gly Ala Cys Cys Thr Ala Gly Gly Thr Gly Gly
465                 470                 475                 480

Thr Cys Ala Ala Thr Ala Thr Thr Gly Gly Cys Cys Ala Thr Thr Ala
                485                 490                 495

Gly Cys Cys Ala Thr Ala Thr Thr Ala Thr Thr Cys Ala Thr Thr Gly
            500                 505                 510

Gly Thr Thr Ala Thr Ala Thr Ala Gly Cys Ala Thr Ala Ala Ala Thr
        515                 520                 525

Cys Ala Ala Thr Ala Thr Thr Gly Gly Cys Thr Ala Thr Thr Gly Gly
    530                 535                 540

Cys Cys Ala Thr Thr Gly Cys Ala Thr Ala Cys Gly Thr Thr Gly Thr
545                 550                 555                 560

Ala Thr Cys Cys Ala Thr Ala Thr Cys Ala Thr Ala Ala Thr Ala Thr
                565                 570                 575

Gly Thr Ala Cys Ala Thr Thr Thr Ala Thr Ala Thr Thr Gly Gly Cys
            580                 585                 590

Thr Cys Ala Thr Gly Thr Cys Cys Ala Ala Cys Ala Thr Thr Ala Cys
        595                 600                 605

Cys Gly Cys Cys Ala Thr Gly Thr Thr Gly Ala Cys Ala Thr Thr Gly
    610                 615                 620

Ala Thr Thr Ala Thr Thr Gly Ala Thr Thr Ala Gly Thr Thr Ala Thr
625                 630                 635                 640

Thr Ala Ala Thr Ala Gly Thr Ala Ala Thr Cys Ala Ala Thr Thr Ala
                645                 650                 655
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Cys Gly Gly Gly Gly Thr Cys Ala Thr Thr Ala Gly Thr Thr Cys Ala
            660                 665                 670

Thr Ala Gly Cys Cys Cys Ala Thr Ala Thr Ala Thr Gly Gly Ala Gly
        675                 680                 685

Thr Thr Cys Cys Gly Cys Gly Thr Thr Ala Cys Ala Thr Ala Ala Cys
    690                 695                 700

Thr Thr Ala Cys Gly Gly Thr Ala Ala Ala Thr Gly Gly Cys Cys Cys
705                 710                 715                 720

Gly Cys Cys Thr Gly Gly Cys Thr Gly Ala Cys Cys Gly Cys Cys Cys
                725                 730                 735

Ala Ala Cys Gly Ala Cys Cys Cys Cys Cys Gly Cys Cys Cys Ala Thr
            740                 745                 750

Thr Gly Ala Cys Gly Thr Cys Ala Ala Thr Ala Ala Thr Gly Ala Cys
        755                 760                 765

Gly Thr Ala Thr Gly Thr Thr Cys Cys Cys Ala Thr Ala Gly Thr Ala
    770                 775                 780

Ala Cys Gly Cys Cys Ala Ala Thr Ala Gly Gly Gly Ala Cys Thr Thr
785                 790                 795                 800

Thr Cys Cys Ala Thr Thr Gly Ala Cys Gly Thr Cys Ala Ala Thr Gly
                805                 810                 815

Gly Gly Thr Gly Gly Ala Gly Thr Ala Thr Thr Thr Ala Cys Gly Gly
            820                 825                 830

Thr Ala Ala Ala Cys Thr Gly Cys Cys Cys Ala Cys Thr Thr Gly Gly
        835                 840                 845
```

```
Cys Ala Gly Thr Ala Cys Ala Thr Cys Ala Ala Gly Thr Gly Thr Ala
    850                 855                 860

Thr Cys Ala Thr Ala Thr Gly Cys Cys Ala Ala Gly Thr Ala Cys Gly
865                 870                 875                 880

Cys Cys Cys Cys Cys Thr Ala Thr Thr Gly Ala Cys Gly Thr Cys Ala
                885                 890                 895

Ala Thr Gly Ala Cys Gly Gly Thr Ala Ala Ala Thr Gly Gly Cys Cys
            900                 905                 910

Cys Gly Cys Cys Thr Gly Gly Cys Ala Thr Thr Ala Thr Gly Cys Cys
        915                 920                 925

Cys Ala Gly Thr Ala Cys Ala Thr Gly Ala Cys Cys Thr Thr Ala Thr
    930                 935                 940

Gly Gly Gly Ala Cys Thr Thr Thr Cys Cys Thr Ala Cys Thr Thr Gly
945                 950                 955                 960

Gly Cys Ala Gly Thr Ala Cys Ala Thr Cys Thr Ala Cys Gly Thr Ala
                965                 970                 975

Thr Thr Ala Gly Thr Cys Ala Thr Cys Gly Cys Thr Ala Thr Thr Ala
            980                 985                 990

Cys Cys Ala Thr Gly Gly Thr Gly  Ala Thr Gly Cys Gly  Gly Thr Thr
        995                 1000                1005

Thr Thr  Gly Gly Cys Ala Gly  Thr Ala Cys Ala Thr  Cys Ala Ala
    1010                1015                1020

Thr Gly  Gly Gly Cys Gly Thr  Gly Gly Ala Thr Ala  Gly Cys Gly
    1025                1030                1035

Gly Thr  Thr Thr Gly Ala Cys  Thr Cys Ala Cys Gly  Gly Gly Gly
    1040                1045                1050
```

```
Ala Thr  Thr Thr Cys Cys Ala  Ala Gly Thr Cys Thr  Cys Cys Ala
    1055                1060                1065

Cys Cys  Cys Cys Ala Thr Thr  Gly Ala Cys Gly Thr  Cys Ala Ala
    1070                1075                1080

Thr Gly  Gly Gly Ala Gly Thr  Thr Thr Gly Thr Thr  Thr Thr Gly
    1085                1090                1095

Gly Cys  Ala Cys Cys Ala Ala  Ala Ala Thr Cys Ala  Ala Cys Gly
    1100                1105                1110

Gly Gly  Ala Cys Thr Thr Thr  Cys Cys Ala Ala Ala  Ala Thr Gly
    1115                1120                1125

Thr Cys  Gly Thr Ala Ala Cys  Ala Ala Cys Thr Cys  Cys Gly Cys
    1130                1135                1140

Cys Cys  Cys Ala Thr Thr Gly  Ala Cys Gly Cys Ala  Ala Ala Thr
    1145                1150                1155

Gly Gly  Gly Cys Gly Gly Thr  Ala Gly Gly Cys Gly  Thr Gly Thr
    1160                1165                1170

Ala Cys  Gly Gly Thr Gly Gly  Gly Ala Gly Gly Thr  Cys Thr Ala
    1175                1180                1185

Thr Ala  Thr Ala Ala Gly Cys  Ala Gly Ala Gly Cys  Thr Cys Gly
    1190                1195                1200

Thr Thr  Thr Ala Gly Thr Gly  Ala Ala Cys Cys Gly  Thr Cys Ala
    1205                1210                1215

Gly Ala  Thr Cys Gly Cys Cys  Thr Gly Gly Ala Gly  Ala Cys Gly
    1220                1225                1230
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Cys Cys  Ala Thr Cys Cys Ala  Cys Gly Cys Thr Gly  Thr Thr Thr
    1235                1240                1245

Thr Gly  Ala Cys Cys Thr Cys  Cys Ala Thr Ala Gly  Ala Ala Gly
    1250                1255                1260

Ala Cys  Ala Cys Cys Gly Gly  Gly Ala Cys Cys Gly  Ala Thr Cys
    1265                1270                1275

Cys Ala  Gly Cys Cys Thr Cys  Cys Gly Cys Gly Gly  Cys Cys Gly
    1280                1285                1290

Gly Gly  Ala Ala Cys Gly Gly  Thr Gly Cys Ala Thr  Thr Gly Gly
    1295                1300                1305

Ala Ala  Gly Cys Thr Thr Gly  Gly Cys Ala Thr Thr  Cys Cys Gly
    1310                1315                1320

Gly Thr  Ala Cys Thr Gly Thr  Thr Gly Gly Thr Ala  Ala Ala Gly
    1325                1330                1335

Cys Cys  Ala Cys Cys Ala Thr  Gly Gly Ala Ala Gly  Ala Cys Gly
    1340                1345                1350

Cys Cys  Ala Ala Ala Ala Ala  Cys Ala Thr Ala Ala  Ala Gly Ala
    1355                1360                1365

Ala Ala  Gly Gly Cys Cys Cys  Gly Gly Cys Gly Cys  Cys Ala Thr
    1370                1375                1380

Thr Cys  Thr Ala Thr Cys Cys  Gly Cys Thr Gly Gly  Ala Ala Gly
    1385                1390                1395

Ala Thr  Gly Gly Ala Ala Cys  Cys Gly Cys Thr Gly  Gly Ala Gly
    1400                1405                1410

Ala Gly  Cys Ala Ala Cys Thr  Gly Cys Ala Thr Ala  Ala Gly Gly
    1415                1420                1425
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Cys Thr  Ala Thr Gly Ala Ala  Gly Ala Gly Ala Thr  Ala Cys Gly
    1430                1435                1440

Cys Cys  Cys Thr Gly Gly Thr  Thr Cys Cys Thr Gly  Gly Ala Ala
    1445                1450                1455

Cys Ala  Ala Thr Thr Gly Cys  Thr Thr Thr Thr Ala  Cys Ala Gly
    1460                1465                1470

Ala Thr  Gly Cys Ala Cys Ala  Thr Ala Thr Cys Gly  Ala Gly Gly
    1475                1480                1485

Thr Gly  Gly Ala Cys Ala Thr  Cys Ala Cys Thr Thr  Ala Cys Gly
    1490                1495                1500

Cys Thr  Gly Ala Gly Thr Ala  Cys Thr Thr Cys Gly  Ala Ala Ala
    1505                1510                1515

Thr Gly  Thr Cys Cys Gly Thr  Thr Cys Gly Gly Thr  Thr Gly Gly
    1520                1525                1530

Cys Ala  Gly Ala Ala Gly Cys  Thr Ala Thr Gly Ala  Ala Ala Cys
    1535                1540                1545

Gly Ala  Thr Ala Thr Gly Gly  Gly Cys Thr Gly Ala  Ala Thr Ala
    1550                1555                1560

Cys Ala  Ala Ala Thr Cys Ala  Cys Ala Gly Ala Ala  Thr Cys Gly
    1565                1570                1575

Thr Cys  Gly Thr Ala Thr Gly  Cys Ala Gly Thr Gly  Ala Ala Ala
    1580                1585                1590

Ala Cys  Thr Cys Thr Cys Thr  Thr Cys Ala Ala Thr  Thr Cys Thr
    1595                1600                1605
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Thr Thr  Ala Thr Gly Cys Cys  Gly Gly Thr Gly Thr  Thr Gly Gly
    1610                1615                1620

Gly Cys  Gly Cys Gly Thr Thr  Ala Thr Thr Thr Ala  Thr Cys Gly
    1625                1630                1635

Gly Ala  Gly Thr Thr Gly Cys  Ala Gly Thr Thr Gly  Cys Gly Cys
    1640                1645                1650

Cys Cys  Gly Cys Gly Ala Ala  Cys Gly Ala Cys Ala  Thr Thr Thr
    1655                1660                1665

Ala Thr  Ala Ala Thr Gly Ala  Ala Cys Gly Thr Gly  Ala Ala Thr
    1670                1675                1680

Thr Gly  Cys Thr Cys Ala Ala  Cys Ala Gly Thr Ala  Thr Gly Gly
    1685                1690                1695

Gly Cys  Ala Thr Thr Thr Cys  Gly Cys Ala Gly Cys  Cys Thr Ala
    1700                1705                1710

Cys Cys  Gly Thr Gly Gly Thr  Gly Thr Thr Cys Gly  Thr Thr Thr
    1715                1720                1725

Cys Cys  Ala Ala Ala Ala Ala  Gly Gly Gly Gly Thr  Thr Gly Cys
    1730                1735                1740

Ala Ala  Ala Ala Ala Ala Thr  Thr Thr Thr Gly Ala  Ala Cys Gly
    1745                1750                1755

Thr Gly  Cys Ala Ala Ala Ala  Ala Ala Ala Gly Cys  Thr Cys Cys
    1760                1765                1770

Cys Ala  Ala Thr Cys Ala Thr  Cys Cys Ala Ala Ala  Ala Ala Ala
    1775                1780                1785

Thr Thr  Ala Thr Thr Ala Thr  Cys Ala Thr Gly Gly  Ala Thr Thr
    1790                1795                1800
```

```
Cys Thr  Ala Ala Ala Ala Cys  Gly Gly Ala Thr Thr  Ala Cys Cys
    1805                1810                1815

Ala Gly  Gly Gly Ala Thr Thr  Thr Cys Ala Gly Thr  Cys Gly Ala
    1820                1825                1830

Thr Gly  Thr Ala Cys Ala Cys  Gly Thr Thr Cys Gly  Thr Cys Ala
    1835                1840                1845

Cys Ala  Thr Cys Thr Cys Ala  Thr Cys Thr Ala Cys  Cys Thr Cys
    1850                1855                1860

Cys Cys  Gly Gly Thr Thr Thr  Thr Ala Ala Thr Gly  Ala Ala Thr
    1865                1870                1875

Ala Cys  Gly Ala Thr Thr Thr  Thr Gly Thr Gly Cys  Cys Ala Gly
    1880                1885                1890

Ala Gly  Thr Cys Cys Thr Thr  Cys Gly Ala Thr Ala  Gly Gly Gly
    1895                1900                1905

Ala Cys  Ala Ala Gly Ala Cys  Ala Ala Thr Thr Gly  Cys Ala Cys
    1910                1915                1920

Thr Gly  Ala Thr Cys Ala Thr  Gly Ala Ala Cys Thr  Cys Cys Thr
    1925                1930                1935

Cys Thr  Gly Gly Ala Thr Cys  Thr Ala Cys Thr Gly  Gly Thr Cys
    1940                1945                1950

Thr Gly  Cys Cys Thr Ala Ala  Ala Gly Gly Thr Gly  Thr Cys Gly
    1955                1960                1965

Cys Thr  Cys Thr Gly Cys Cys  Thr Cys Ala Thr Ala  Gly Ala Ala
    1970                1975                1980
```

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Cys Thr  Gly Cys Cys Thr Gly  Cys Gly Thr Gly Ala  Gly Ala Thr
    1985                1990                1995

Thr Cys  Thr Cys Gly Cys Ala  Thr Gly Cys Cys Ala  Gly Ala Gly
    2000                2005                2010

Ala Thr  Cys Cys Thr Ala Thr  Thr Thr Thr Thr Gly  Gly Cys Ala
    2015                2020                2025

Ala Thr  Cys Ala Ala Ala Thr  Cys Ala Thr Thr Cys  Cys Gly Gly
    2030                2035                2040

Ala Thr  Ala Cys Thr Gly Cys  Gly Ala Thr Thr Thr  Thr Ala Ala
    2045                2050                2055

Gly Thr  Gly Thr Thr Gly Thr  Thr Cys Cys Ala Thr  Thr Cys Cys
    2060                2065                2070

Ala Thr  Cys Ala Cys Gly Gly  Thr Thr Thr Thr Gly  Gly Ala Ala
    2075                2080                2085

Thr Gly  Thr Thr Thr Ala Cys  Thr Ala Cys Ala Cys  Thr Cys Gly
    2090                2095                2100

Gly Ala  Thr Ala Thr Thr Thr  Gly Ala Thr Ala Thr  Gly Thr Gly
    2105                2110                2115

Gly Ala  Thr Thr Thr Cys Gly  Ala Gly Thr Cys Gly  Thr Cys Thr
    2120                2125                2130

Thr Ala  Ala Thr Gly Thr Ala  Thr Ala Gly Ala Thr  Thr Thr Gly
    2135                2140                2145

Ala Ala  Gly Ala Ala Gly Ala  Gly Cys Thr Gly Thr  Thr Thr Cys
    2150                2155                2160

Thr Gly  Ala Gly Gly Ala Gly  Cys Cys Thr Thr Cys  Ala Gly Gly
    2165                2170                2175
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Ala Thr  Thr Ala Cys Ala Ala  Gly Ala Thr Thr Cys  Ala Ala Ala
    2180                2185                2190

Gly Thr  Gly Cys Gly Cys Thr  Gly Cys Thr Gly Gly  Thr Gly Cys
    2195                2200                2205

Cys Ala  Ala Cys Cys Cys Thr  Ala Thr Thr Cys Thr  Cys Cys Thr
    2210                2215                2220

Thr Cys  Thr Thr Cys Gly Cys  Cys Ala Ala Ala Ala  Gly Cys Ala
    2225                2230                2235

Cys Thr  Cys Thr Gly Ala Thr  Thr Gly Ala Cys Ala  Ala Ala Thr
    2240                2245                2250

Ala Cys  Gly Ala Thr Thr Thr  Ala Thr Cys Thr Ala  Ala Thr Thr
    2255                2260                2265

Thr Ala  Cys Ala Cys Gly Ala  Ala Ala Thr Thr Gly  Cys Thr Thr
    2270                2275                2280

Cys Thr  Gly Gly Thr Gly Gly  Cys Gly Cys Thr Cys  Cys Cys Cys
    2285                2290                2295

Thr Cys  Thr Cys Thr Ala Ala  Gly Gly Ala Ala Gly  Thr Cys Gly
    2300                2305                2310

Gly Gly  Gly Ala Ala Gly Cys  Gly Gly Thr Thr Gly  Cys Cys Ala
    2315                2320                2325

Ala Gly  Ala Gly Gly Thr Thr  Cys Cys Ala Thr Cys  Thr Gly Cys
    2330                2335                2340

Cys Ala  Gly Gly Thr Ala Thr  Cys Ala Gly Gly Cys  Ala Ala Gly
    2345                2350                2355
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Gly Ala  Thr Ala Thr Gly Gly  Gly Cys Thr Cys Ala  Cys Thr Gly
    2360                2365                2370

Ala Gly  Ala Cys Thr Ala Cys  Ala Thr Cys Ala Gly  Cys Thr Ala
    2375                2380                2385

Thr Thr  Cys Thr Gly Ala Thr  Thr Ala Cys Ala Cys  Cys Cys Gly
    2390                2395                2400

Ala Gly  Gly Gly Gly Gly Ala  Thr Gly Ala Thr Ala  Ala Ala Cys
    2405                2410                2415

Cys Gly  Gly Gly Cys Gly Cys  Gly Gly Thr Cys Gly  Gly Thr Ala
    2420                2425                2430

Ala Ala  Gly Thr Thr Gly Thr  Thr Cys Cys Ala Thr  Thr Thr Thr
    2435                2440                2445

Thr Thr  Gly Ala Ala Gly Cys  Gly Ala Ala Gly Gly  Thr Thr Gly
    2450                2455                2460

Thr Gly  Gly Ala Thr Cys Thr  Gly Gly Ala Thr Ala  Cys Cys Gly
    2465                2470                2475

Gly Gly  Ala Ala Ala Ala Cys  Gly Cys Thr Gly Gly  Gly Cys Gly
    2480                2485                2490

Thr Thr  Ala Ala Thr Cys Ala  Ala Ala Gly Ala Gly  Gly Cys Gly
    2495                2500                2505

Ala Ala  Cys Thr Gly Thr Gly  Thr Gly Thr Gly Ala  Gly Ala Gly
    2510                2515                2520

Gly Thr  Cys Cys Thr Ala Thr  Gly Ala Thr Thr Ala  Thr Gly Thr
    2525                2530                2535

Cys Cys  Gly Gly Thr Thr Ala  Thr Gly Thr Ala Ala  Ala Cys Ala
    2540                2545                2550
```

```
Ala Thr  Cys Cys Gly Gly Ala  Ala Gly Cys Gly Ala  Cys Cys Ala
    2555                2560                2565

Ala Cys  Gly Cys Cys Thr Thr  Gly Ala Thr Thr Gly  Ala Cys Ala
    2570                2575                2580

Ala Gly  Gly Ala Thr Gly Gly  Ala Thr Gly Gly Cys  Thr Ala Cys
    2585                2590                2595

Ala Thr  Thr Cys Thr Gly Gly  Ala Gly Ala Cys Ala  Thr Ala Gly
    2600                2605                2610

Cys Thr  Thr Ala Cys Thr Gly  Gly Gly Ala Cys Gly  Ala Ala Gly
    2615                2620                2625

Ala Cys  Gly Ala Ala Cys Ala  Cys Thr Thr Cys Thr  Thr Cys Ala
    2630                2635                2640

Thr Cys  Gly Thr Thr Gly Ala  Cys Cys Gly Cys Cys  Thr Gly Ala
    2645                2650                2655

Ala Gly  Thr Cys Thr Cys Thr  Gly Ala Thr Thr Ala  Ala Gly Thr
    2660                2665                2670

Ala Cys  Ala Ala Ala Gly Gly  Cys Thr Ala Thr Cys  Ala Gly Gly
    2675                2680                2685

Thr Gly  Gly Cys Thr Cys Cys  Cys Gly Cys Thr Gly  Ala Ala Thr
    2690                2695                2700

Thr Gly  Gly Ala Ala Thr Cys  Cys Ala Thr Cys Thr  Thr Gly Cys
    2705                2710                2715

Thr Cys  Cys Ala Ala Cys Ala  Cys Cys Cys Cys Ala  Ala Cys Ala
    2720                2725                2730
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Thr Cys  Thr Thr Cys Gly Ala  Cys Gly Cys Ala Gly  Gly Thr Gly
    2735                2740                2745

Thr Cys  Gly Cys Ala Gly Gly  Thr Cys Thr Thr Cys  Cys Cys Gly
    2750                2755                2760

Ala Cys  Gly Ala Thr Gly Ala  Cys Gly Cys Cys Gly  Gly Thr Gly
    2765                2770                2775

Ala Ala  Cys Thr Thr Cys Cys  Cys Gly Cys Cys Gly  Cys Cys Gly
    2780                2785                2790

Thr Thr  Gly Thr Thr Gly Thr  Thr Thr Thr Gly Gly  Ala Gly Cys
    2795                2800                2805

Ala Cys  Gly Gly Ala Ala Ala  Gly Ala Cys Gly Ala  Thr Gly Ala
    2810                2815                2820

Cys Gly  Gly Ala Ala Ala Ala  Ala Gly Ala Gly Ala  Thr Cys Gly
    2825                2830                2835

Thr Gly  Gly Ala Thr Thr Ala  Cys Gly Thr Cys Gly  Cys Cys Ala
    2840                2845                2850

Gly Thr  Cys Ala Ala Gly Thr  Ala Ala Cys Ala Ala  Cys Cys Gly
    2855                2860                2865

Cys Gly  Ala Ala Ala Ala Ala  Gly Thr Thr Gly Cys  Gly Cys Gly
    2870                2875                2880

Gly Ala  Gly Gly Ala Gly Thr  Thr Gly Thr Gly Thr  Thr Thr Gly
    2885                2890                2895

Thr Gly  Gly Ala Cys Gly Ala  Ala Gly Thr Ala Cys  Cys Gly Ala
    2900                2905                2910

Ala Ala  Gly Gly Thr Cys Thr  Thr Ala Cys Cys Gly  Gly Ala Ala
    2915                2920                2925
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Ala Ala  Cys Thr Cys Gly Ala  Cys Gly Cys Ala Ala  Gly Ala Ala
    2930                2935                2940

Ala Ala  Ala Thr Cys Ala Gly  Ala Gly Ala Gly Ala  Thr Cys Cys
    2945                2950                2955

Thr Cys  Ala Thr Ala Ala Ala  Gly Gly Cys Cys Ala  Ala Gly Ala
    2960                2965                2970

Ala Gly  Gly Gly Cys Gly Gly  Ala Ala Ala Gly Ala  Thr Cys Gly
    2975                2980                2985

Cys Cys  Gly Thr Gly Thr Ala  Ala Thr Thr Cys Thr  Ala Gly Ala
    2990                2995                3000

Cys Gly  Ala Gly Ala Thr Cys  Cys Gly Ala Ala Cys  Thr Thr Gly
    3005                3010                3015

Thr Thr  Thr Ala Thr Thr Gly  Cys Ala Gly Cys Thr  Thr Ala Thr
    3020                3025                3030

Ala Ala  Thr Gly Gly Thr Thr  Ala Cys Ala Ala Ala  Thr Ala Ala
    3035                3040                3045

Ala Gly  Cys Ala Ala Thr Ala  Gly Cys Ala Thr Cys  Ala Cys Ala
    3050                3055                3060

Ala Ala  Thr Thr Thr Cys Ala  Cys Ala Ala Ala Thr  Ala Ala Ala
    3065                3070                3075

Gly Cys  Ala Thr Thr Thr Thr  Thr Thr Thr Cys Ala  Cys Thr Gly
    3080                3085                3090

Cys Ala  Thr Thr Cys Thr Ala  Gly Thr Thr Gly Thr  Gly Gly Thr
    3095                3100                3105
```

```
Thr Thr  Gly Thr Cys Cys Ala  Ala Ala Cys Thr Cys  Ala Thr Cys
    3110                 3115                 3120

Ala Ala  Thr Gly Thr Ala Thr  Cys Thr Thr Ala Thr  Cys Ala Thr
    3125                 3130                 3135

Gly Thr  Cys Thr Ala Gly Ala  Thr Cys Cys Ala Gly  Gly Thr Ala
    3140                 3145                 3150

Gly Gly  Thr Thr Thr Gly Ala  Gly Thr Ala Gly Thr  Gly Gly Gly
    3155                 3160                 3165

Cys Gly  Thr Gly Gly Cys Thr  Ala Ala Gly Gly Thr  Gly Ala Cys
    3170                 3175                 3180

Thr Ala  Thr Ala Ala Ala Gly  Gly Cys Gly Gly Gly  Thr Gly Thr
    3185                 3190                 3195

Cys Thr  Thr Ala Cys Gly Ala  Gly Gly Gly Thr Cys  Thr Thr Thr
    3200                 3205                 3210

Thr Thr  Gly Cys Thr Thr Thr  Thr Cys Thr Gly Cys  Ala Gly Ala
    3215                 3220                 3225

Cys Ala  Thr Cys Ala Thr Gly  Ala Ala Cys Gly Gly  Gly Ala Cys
    3230                 3235                 3240

Thr Gly  Gly Cys Gly Gly Gly  Gly Cys Cys Thr Thr  Cys Gly Ala
    3245                 3250                 3255

Ala Gly  Gly Gly Gly Gly Gly  Cys Thr Thr Thr Thr  Thr Ala Gly
    3260                 3265                 3270

Cys Cys  Cys Thr Thr Ala Thr  Thr Thr Gly Ala Cys  Ala Ala Cys
    3275                 3280                 3285

Cys Cys  Gly Cys Cys Thr Gly  Cys Cys Gly Gly Gly  Ala Thr Gly
    3290                 3295                 3300
```

```
Gly Gly  Cys Cys Gly Gly Ala  Gly Thr Thr Cys Gly  Thr Cys Ala
    3305                 3310                 3315

Gly Ala  Ala Thr Gly Thr Gly  Ala Thr Gly Gly Gly  Ala Thr Cys
    3320                 3325                 3330

Gly Ala  Cys Gly Gly Thr Gly  Gly Ala Thr Gly Gly  Gly Cys Gly
    3335                 3340                 3345

Cys Cys  Cys Ala Gly Thr Gly  Cys Thr Thr Cys Cys  Ala Gly Cys
    3350                 3355                 3360

Ala Ala  Ala Thr Thr Cys Cys  Thr Cys Gly Ala Cys  Cys Ala Thr
    3365                 3370                 3375

Gly Ala  Cys Cys Thr Ala Cys  Gly Cys Gly Ala Cys  Cys Gly Thr
    3380                 3385                 3390

Gly Gly  Gly Gly Ala Ala Cys  Thr Cys Gly Thr Cys  Gly Cys Thr
    3395                 3400                 3405

Cys Gly  Ala Cys Ala Gly Cys  Ala Cys Cys Gly Cys  Cys Gly Cys
    3410                 3415                 3420

Ala Gly  Cys Cys Gly Cys Gly  Gly Cys Ala Gly Cys  Cys Gly Cys
    3425                 3430                 3435

Ala Gly  Cys Cys Gly Cys Cys  Ala Thr Gly Ala Cys  Ala Gly Cys
    3440                 3445                 3450

Gly Ala  Cys Gly Ala Gly Ala  Cys Thr Gly Gly Cys  Cys Thr Cys
    3455                 3460                 3465

Gly Ala  Gly Cys Thr Ala Cys  Ala Thr Gly Cys Cys  Cys Ala Gly
    3470                 3475                 3480
```

```
Cys Ala  Gly Cys Gly Gly Thr  Ala Gly Thr Ala Gly  Cys Cys Cys
    3485                 3490                 3495

Cys Thr  Cys Thr Gly Thr Gly  Cys Cys Cys Ala Gly  Thr Thr Cys
    3500                 3505                 3510

Cys Ala  Thr Cys Ala Thr Cys  Gly Cys Cys Gly Ala  Gly Gly Ala
    3515                 3520                 3525

Gly Ala  Ala Ala Cys Thr Gly  Cys Thr Gly Gly Cys  Cys Cys Thr
    3530                 3535                 3540

Gly Cys  Thr Gly Gly Cys Cys  Gly Ala Gly Cys Thr  Gly Gly Ala
    3545                 3550                 3555

Ala Gly  Cys Cys Cys Thr Gly  Ala Gly Cys Cys Gly  Cys Cys Ala
    3560                 3565                 3570

Gly Cys  Thr Gly Gly Cys Cys  Gly Cys Cys Cys Thr  Gly Ala Cys
    3575                 3580                 3585

Cys Cys  Ala Gly Cys Ala Gly  Gly Thr Gly Thr Cys  Cys Gly Ala
    3590                 3595                 3600

Gly Cys  Thr Cys Cys Gly Cys  Gly Ala Ala Cys Ala  Gly Cys Ala
    3605                 3610                 3615

Gly Cys  Ala Gly Cys Ala Gly  Cys Ala Ala Ala Ala  Thr Ala Ala
    3620                 3625                 3630

Ala Thr  Gly Ala Thr Thr Cys  Ala Ala Thr Ala Ala  Ala Cys Ala
    3635                 3640                 3645

Cys Ala  Gly Ala Thr Thr Cys  Thr Gly Ala Thr Thr  Cys Ala Ala
    3650                 3655                 3660

Ala Cys  Ala Gly Cys Ala Ala  Ala Gly Cys Ala Thr  Cys Thr Thr
    3665                 3670                 3675
```

```
Thr Ala  Thr Thr Ala Thr Thr  Thr Ala Thr Thr Thr  Thr Thr Thr
    3680                3685                3690

Cys Gly  Cys Gly Cys Gly Cys  Gly Gly Thr Ala Gly  Gly Cys Cys
    3695                3700                3705

Cys Thr  Gly Gly Thr Cys Cys  Ala Cys Cys Thr Cys  Thr Cys Cys
    3710                3715                3720

Cys Gly  Ala Thr Cys Ala Thr  Thr Gly Ala Gly Ala  Gly Thr Gly
    3725                3730                3735

Cys Gly  Gly Thr Gly Gly Ala  Thr Thr Thr Thr Thr  Thr Cys Cys
    3740                3745                3750

Ala Gly  Gly Ala Cys Cys Cys  Gly Gly Thr Ala Gly  Ala Gly Gly
    3755                3760                3765

Thr Gly  Gly Gly Ala Thr Thr  Gly Gly Ala Thr Gly  Thr Thr Gly
    3770                3775                3780

Ala Gly  Gly Thr Ala Cys Ala  Thr Gly Gly Gly Cys  Ala Thr Gly
    3785                3790                3795

Ala Gly  Cys Cys Cys Gly Thr  Cys Cys Cys Gly Thr  Gly Gly Gly
    3800                3805                3810

Thr Gly  Gly Ala Gly Gly Thr  Ala Gly Cys Ala Cys  Cys Ala Cys
    3815                3820                3825

Thr Gly  Cys Ala Thr Gly Gly  Cys Cys Thr Cys Gly  Thr Gly Cys
    3830                3835                3840

Thr Cys  Thr Gly Gly Gly Gly  Thr Cys Gly Thr Gly  Thr Thr Gly
    3845                3850                3855
```

```
Thr Ala  Gly Ala Thr Gly Ala  Thr Cys Cys Ala Gly  Thr Cys Ala
    3860                 3865                 3870

Thr Ala  Gly Cys Ala Gly Gly  Gly Gly Cys Gly Cys  Thr Gly Gly
    3875                 3880                 3885

Gly Cys  Gly Thr Gly Gly Thr  Gly Cys Thr Gly Gly  Ala Thr Gly
    3890                 3895                 3900

Ala Thr  Gly Thr Cys Cys Thr  Thr Gly Ala Gly Gly  Ala Gly Gly
    3905                 3910                 3915

Ala Gly  Ala Cys Thr Gly Ala  Thr Gly Gly Cys Cys  Ala Cys Gly
    3920                 3925                 3930

Gly Gly  Gly Ala Gly Cys Cys  Cys Cys Thr Thr Gly  Gly Thr Gly
    3935                 3940                 3945

Thr Ala  Gly Gly Thr Gly Thr  Thr Gly Gly Cys Ala  Ala Ala Ala
    3950                 3955                 3960

Cys Gly  Gly Thr Thr Gly Ala  Gly Cys Thr Gly Gly  Gly Ala Gly
    3965                 3970                 3975

Gly Gly  Ala Thr Gly Cys Ala  Thr Gly Cys Gly Gly  Gly Gly Gly
    3980                 3985                 3990

Gly Ala  Gly Ala Thr Gly Ala  Thr Gly Thr Gly Cys  Ala Gly Thr
    3995                 4000                 4005

Thr Thr  Gly Gly Cys Cys Thr  Gly Gly Ala Thr Cys  Thr Thr Gly
    4010                 4015                 4020

Ala Gly  Gly Thr Thr Gly Gly  Cys Gly Ala Thr Gly  Thr Thr Gly
    4025                 4030                 4035

Cys Cys  Ala Cys Cys Cys Ala  Gly Ala Thr Cys Cys  Cys Gly Cys
    4040                 4045                 4050
```

```
Cys Gly  Gly Gly Gly Gly Thr  Thr Cys Ala Thr Gly  Thr Thr Gly
    4055                4060                4065

Thr Gly  Cys Ala Gly Gly Ala  Cys Cys Ala Cys Cys  Ala Gly Ala
    4070                4075                4080

Ala Cys  Gly Gly Thr Gly Thr  Ala Gly Cys Cys Cys  Gly Thr Gly
    4085                4090                4095

Cys Ala  Cys Thr Thr Gly Gly  Gly Gly Ala Ala Cys  Thr Thr Gly
    4100                4105                4110

Thr Cys  Ala Thr Gly Cys Ala  Ala Cys Thr Thr Gly  Gly Ala Ala
    4115                4120                4125

Gly Gly  Gly Ala Ala Thr Gly  Cys Gly Thr Gly Gly  Ala Ala Gly
    4130                4135                4140

Ala Ala  Thr Thr Thr Gly Gly  Ala Gly Ala Cys Gly  Cys Cys Cys
    4145                4150                4155

Thr Thr  Gly Thr Gly Cys Cys  Cys Gly Cys Cys Cys  Ala Gly Gly
    4160                4165                4170

Thr Thr  Thr Thr Cys Cys Ala  Thr Gly Cys Ala Cys  Thr Cys Ala
    4175                4180                4185

Thr Cys  Cys Ala Thr Gly Ala  Thr Gly Ala Thr Gly  Gly Cys Ala
    4190                4195                4200

Ala Thr  Gly Gly Gly Cys Cys  Cys Gly Thr Gly Gly  Gly Cys Thr
    4205                4210                4215

Gly Cys  Gly Gly Cys Thr Thr  Thr Gly Gly Cys Ala  Ala Ala Gly
    4220                4225                4230
```

```
Ala Cys  Gly Thr Thr Thr Cys  Thr Gly Gly Gly Gly  Thr Cys Ala
    4235                4240                4245

Gly Ala  Gly Ala Cys Ala Thr  Cys Gly Thr Ala Ala  Thr Thr Ala
    4250                4255                4260

Thr Gly  Cys Thr Cys Cys Thr  Gly Gly Gly Thr Gly  Ala Gly Ala
    4265                4270                4275

Thr Cys  Ala Thr Cys Ala Thr  Ala Ala Gly Ala Cys  Ala Thr Thr
    4280                4285                4290

Thr Thr  Ala Ala Thr Gly Ala  Ala Thr Thr Thr Gly  Gly Gly Gly
    4295                4300                4305

Cys Gly  Gly Ala Gly Gly Gly  Thr Gly Cys Cys Ala  Gly Ala Thr
    4310                4315                4320

Thr Gly  Gly Gly Gly Gly Ala  Cys Gly Ala Thr Gly  Gly Thr Thr
    4325                4330                4335

Cys Cys  Cys Thr Cys Gly Gly  Gly Cys Cys Cys Cys  Gly Gly Gly
    4340                4345                4350

Gly Cys  Gly Ala Ala Gly Thr  Thr Cys Cys Cys Cys  Thr Cys Gly
    4355                4360                4365

Cys Ala  Gly Ala Thr Cys Thr  Gly Cys Ala Thr Cys  Thr Cys Cys
    4370                4375                4380

Cys Ala  Gly Gly Cys Thr Thr  Thr Cys Ala Thr Cys  Thr Cys Gly
    4385                4390                4395

Gly Ala  Gly Gly Gly Gly Gly  Gly Gly Ala Thr Cys  Ala Thr Gly
    4400                4405                4410

Thr Cys  Cys Ala Cys Cys Thr  Gly Cys Gly Gly Gly  Gly Cys Gly
    4415                4420                4425
```

```
Ala Thr  Gly Ala Ala Ala Ala  Ala Ala Ala Cys Gly  Gly Thr Thr
    4430                4435                4440

Thr Cys  Cys Gly Gly Gly Gly  Cys Gly Gly Gly Gly  Gly Thr Gly
    4445                4450                4455

Ala Thr  Gly Ala Gly Cys Thr  Gly Cys Gly Ala Gly  Gly Ala Gly
    4460                4465                4470

Ala Gly  Cys Ala Gly Gly Thr  Thr Thr Cys Thr Cys  Ala Ala Cys
    4475                4480                4485

Ala Gly  Cys Thr Gly Gly Gly  Ala Cys Thr Thr Gly  Cys Cys Gly
    4490                4495                4500

Cys Ala  Cys Cys Cys Gly Gly  Thr Cys Gly Gly Gly  Cys Cys Gly
    4505                4510                4515

Thr Ala  Gly Ala Thr Gly Ala  Cys Cys Cys Cys Gly  Ala Thr Gly
    4520                4525                4530

Ala Cys  Gly Gly Gly Thr Thr  Gly Cys Ala Gly Gly  Thr Gly Gly
    4535                4540                4545

Thr Ala  Gly Thr Thr Cys Ala  Ala Gly Gly Ala Cys  Ala Thr Gly
    4550                4555                4560

Cys Ala  Gly Cys Thr Gly Cys  Cys Gly Thr Cys Gly  Thr Cys Cys
    4565                4570                4575

Cys Gly  Gly Ala Gly Gly Ala  Gly Gly Gly Gly Gly  Gly Cys Cys
    4580                4585                4590

Ala Cys  Cys Thr Cys Gly Thr  Thr Gly Ala Gly Cys  Thr Thr Gly
    4595                4600                4605
```

```
Thr Cys  Thr Cys Thr Gly Ala  Cys Thr Thr Gly Gly  Ala Gly Gly
    4610                4615                4620

Thr Thr  Thr Thr Cys Cys Cys  Gly Gly Ala Cys Gly  Ala Gly Cys
    4625                4630                4635

Thr Cys  Gly Cys Cys Gly Ala  Gly Gly Ala Gly Gly  Cys Gly Gly
    4640                4645                4650

Thr Cys  Cys Cys Cys Gly Cys  Cys Cys Ala Gly Cys  Gly Ala Gly
    4655                4660                4665

Ala Gly  Ala Ala Gly Cys Thr  Cys Thr Thr Gly Cys  Ala Gly Gly
    4670                4675                4680

Gly Ala  Ala Gly Cys Ala Ala  Ala Gly Thr Thr Thr  Thr Thr Cys
    4685                4690                4695

Ala Gly  Gly Gly Gly Cys Thr  Thr Gly Ala Gly Cys  Cys Cys Gly
    4700                4705                4710

Thr Cys  Gly Gly Cys Cys Ala  Thr Gly Gly Gly Cys  Ala Thr Cys
    4715                4720                4725

Thr Thr  Gly Gly Cys Gly Ala  Gly Gly Gly Thr Cys  Thr Gly Cys
    4730                4735                4740

Gly Ala  Gly Ala Gly Gly Ala  Gly Cys Thr Cys Cys  Ala Gly Gly
    4745                4750                4755

Cys Gly  Gly Thr Cys Cys Cys  Ala Gly Ala Gly Cys  Thr Cys Gly
    4760                4765                4770

Gly Thr  Gly Ala Cys Gly Thr  Gly Cys Thr Cys Thr  Ala Cys Gly
    4775                4780                4785

Gly Cys  Ala Thr Cys Thr Cys  Gly Ala Thr Cys Cys  Ala Gly Cys
    4790                4795                4800
```

```
Ala Gly  Ala Cys Thr Thr Cys  Cys Thr Cys Gly Thr  Thr Thr Cys
    4805                4810                4815

Gly Gly  Gly Gly Gly Thr Thr  Gly Gly Gly Ala Cys  Gly Ala Cys
    4820                4825                4830

Thr Gly  Cys Gly Ala Cys Thr  Gly Thr Ala Gly Gly  Gly Cys Ala
    4835                4840                4845

Cys Gly  Ala Gly Ala Cys Gly  Ala Thr Gly Gly Gly  Cys Gly Thr
    4850                4855                4860

Cys Cys  Ala Gly Cys Gly Cys  Gly Gly Cys Cys Ala  Gly Cys Gly
    4865                4870                4875

Thr Cys  Ala Thr Gly Thr Cys  Cys Thr Thr Cys Cys  Ala Gly Gly
    4880                4885                4890

Gly Thr  Cys Thr Cys Ala Gly  Gly Gly Thr Cys Cys  Gly Cys Gly
    4895                4900                4905

Thr Gly  Ala Gly Gly Gly Thr  Gly Gly Thr Cys Thr  Cys Cys Gly
    4910                4915                4920

Thr Cys  Ala Cys Gly Gly Thr  Gly Ala Ala Gly Gly  Gly Gly Thr
    4925                4930                4935

Gly Gly  Gly Cys Cys Gly Cys  Gly Gly Gly Cys Thr  Gly Gly Gly
    4940                4945                4950

Cys Gly  Cys Thr Thr Gly Cys  Ala Ala Gly Gly Gly  Thr Gly Cys
    4955                4960                4965

Gly Cys  Thr Thr Gly Ala Gly  Ala Cys Thr Cys Ala  Thr Cys Cys
    4970                4975                4980
```

```
Thr Gly  Cys Thr Gly Gly Thr  Gly Cys Thr Gly Ala  Ala Ala Cys
    4985                 4990                 4995


Gly Gly  Gly Cys Ala Cys Gly  Gly Thr Cys Thr Thr  Cys Gly Cys
    5000                 5005                 5010


Cys Cys  Thr Gly Cys Gly Cys  Gly Thr Cys Gly Gly  Cys Gly Ala
    5015                 5020                 5025


Gly Ala  Thr Ala Gly Cys Ala  Gly Thr Thr Gly Ala  Cys Cys Ala
    5030                 5035                 5040


Thr Gly  Ala Gly Cys Thr Cys  Gly Thr Ala Gly Thr  Thr Gly Ala
    5045                 5050                 5055


Gly Gly  Gly Cys Cys Thr Cys  Gly Gly Cys Gly Gly  Cys Gly Thr
    5060                 5065                 5070


Gly Gly  Cys Cys Cys Thr Thr  Gly Gly Cys Gly Cys  Gly Gly Ala
    5075                 5080                 5085


Gly Cys  Thr Thr Gly Cys Cys  Cys Thr Thr Gly Gly  Ala Ala Gly
    5090                 5095                 5100


Ala Gly  Cys Gly Cys Cys Cys  Gly Cys Ala Gly Gly  Cys Gly Gly
    5105                 5110                 5115


Gly Ala  Cys Ala Gly Ala Gly  Gly Ala Gly Gly Gly  Ala Thr Thr
    5120                 5125                 5130


Gly Cys  Ala Gly Gly Gly Cys  Gly Thr Ala Gly Ala  Gly Cys Thr
    5135                 5140                 5145


Thr Gly  Gly Gly Cys Gly Cys  Gly Ala Gly Ala Ala  Ala Gly Ala
    5150                 5155                 5160


Cys Gly  Gly Ala Cys Thr Cys  Gly Gly Gly Gly Gly  Cys Gly Ala
    5165                 5170                 5175
```

```
Ala Gly  Gly Cys Gly Thr Cys  Cys Gly Cys Thr Cys  Cys Gly Cys
    5180                5185                5190

Ala Gly  Thr Gly Gly Gly Cys  Gly Cys Ala Gly Ala  Cys Gly Gly
    5195                5200                5205

Thr Cys  Thr Cys Gly Cys Ala  Cys Thr Cys Gly Ala  Cys Thr Ala
    5210                5215                5220

Gly Cys  Cys Ala Gly Gly Thr  Gly Ala Gly Cys Thr  Cys Gly Gly
    5225                5230                5235

Gly Cys  Thr Gly Cys Thr Cys  Gly Gly Gly Gly Thr  Cys Ala Ala
    5240                5245                5250

Ala Ala  Ala Cys Cys Ala Gly  Thr Thr Thr Thr Cys  Cys Cys Cys
    5255                5260                5265

Cys Gly  Thr Thr Cys Thr Thr  Thr Thr Thr Gly Ala  Thr Gly Cys
    5270                5275                5280

Gly Cys  Thr Thr Cys Thr Thr  Ala Cys Cys Thr Cys  Gly Cys Gly
    5285                5290                5295

Thr Cys  Thr Cys Cys Ala Thr  Gly Ala Gly Thr Cys  Thr Gly Thr
    5300                5305                5310

Gly Thr  Cys Cys Gly Cys Gly  Cys Thr Cys Gly Gly  Thr Gly Ala
    5315                5320                5325

Cys Ala  Ala Ala Cys Ala Gly  Gly Cys Thr Gly Thr  Cys Thr Gly
    5330                5335                5340

Thr Gly  Thr Cys Cys Cys Cys  Gly Thr Ala Gly Ala  Cys Gly Gly
    5345                5350                5355
```

```
Ala Cys  Thr Thr Gly Ala Thr  Gly Gly Gly Cys Cys  Thr Gly Thr
    5360                5365                5370

Cys Cys  Thr Gly Cys Ala Gly  Gly Gly Gly Cys Gly  Thr Cys Cys
    5375                5380                5385

Cys Gly  Cys Gly Gly Thr Cys  Cys Thr Cys Cys Thr  Cys Gly Thr
    5390                5395                5400

Ala Gly  Ala Gly Ala Ala Ala  Cys Thr Cys Ala Gly  Ala Cys Cys
    5405                5410                5415

Ala Cys  Thr Cys Thr Gly Ala  Gly Ala Cys Gly Ala  Ala Gly Gly
    5420                5425                5430

Cys Gly  Cys Gly Cys Gly Thr  Cys Cys Ala Cys Gly  Cys Cys Ala
    5435                5440                5445

Ala Gly  Ala Cys Ala Ala Ala  Gly Gly Ala Gly Gly  Cys Cys Ala
    5450                5455                5460

Cys Gly  Thr Gly Cys Gly Ala  Gly Gly Gly Gly Thr  Ala Gly Cys
    5465                5470                5475

Gly Gly  Thr Cys Gly Thr Thr  Gly Thr Cys Cys Ala  Cys Cys Ala
    5480                5485                5490

Gly Gly  Gly Gly Gly Thr Cys  Cys Ala Cys Cys Thr  Thr Thr Thr
    5495                5500                5505

Cys Cys  Ala Cys Gly Gly Thr  Ala Thr Gly Cys Ala  Gly Gly Cys
    5510                5515                5520

Ala Cys  Ala Thr Gly Thr Cys  Cys Cys Cys Cys Thr  Cys Cys Thr
    5525                5530                5535

Cys Cys  Gly Cys Ala Thr Cys  Cys Ala Ala Gly Ala  Ala Gly Gly
    5540                5545                5550
```

```
Thr Gly  Ala Thr Thr Gly Gly  Cys Thr Thr Gly Thr  Ala Gly Gly
    5555                5560                5565

Thr Gly  Thr Ala Gly Gly Cys  Cys Ala Cys Gly Thr  Gly Ala Cys
    5570                5575                5580

Cys Thr  Gly Gly Gly Gly Thr  Thr Cys Cys Cys Gly  Ala Cys Gly
    5585                5590                5595

Gly Gly  Gly Gly Gly Gly Thr  Ala Thr Ala Ala Ala  Ala Gly Gly
    5600                5605                5610

Gly Gly  Gly Cys Gly Gly Gly  Thr Cys Thr Gly Thr  Gly Cys Thr
    5615                5620                5625

Cys Gly  Thr Cys Cys Thr Cys  Ala Cys Thr Cys Thr  Cys Thr Thr
    5630                5635                5640

Cys Cys  Gly Cys Gly Thr Cys  Gly Cys Thr Gly Thr  Cys Cys Ala
    5645                5650                5655

Cys Gly  Ala Gly Cys Gly Cys  Cys Ala Gly Cys Thr  Gly Thr Thr
    5660                5665                5670

Gly Gly  Gly Gly Thr Ala Gly  Gly Thr Ala Thr Thr  Cys Cys Cys
    5675                5680                5685

Thr Cys  Thr Cys Ala Ala Gly  Ala Gly Cys Gly Gly  Gly Cys Ala
    5690                5695                5700

Thr Gly  Ala Cys Cys Thr Cys  Gly Gly Cys Ala Cys  Thr Cys Ala
    5705                5710                5715

Gly Gly  Thr Thr Gly Thr Cys  Ala Gly Thr Thr Thr  Cys Thr Ala
    5720                5725                5730
```

```
Gly Ala  Ala Ala Cys Gly Ala  Gly Gly Ala Gly Gly  Ala Thr Thr
    5735                5740                5745

Thr Gly  Ala Thr Gly Thr Gly  Gly Gly Cys Cys Thr  Gly Cys Cys
    5750                5755                5760

Cys Thr  Gly Cys Cys Gly Cys  Gly Ala Thr Gly Cys  Thr Thr Thr
    5765                5770                5775

Thr Thr  Ala Gly Gly Ala Gly  Ala Cys Thr Thr Thr  Cys Ala Thr
    5780                5785                5790

Cys Cys  Ala Thr Cys Thr Gly  Gly Thr Cys Ala Gly  Ala Ala Ala
    5795                5800                5805

Ala Gly  Ala Cys Thr Ala Thr  Thr Thr Thr Thr Thr  Thr Ala Thr
    5810                5815                5820

Thr Gly  Thr Cys Ala Ala Gly  Cys Thr Thr Gly Gly  Thr Gly Gly
    5825                5830                5835

Cys Gly  Ala Ala Gly Gly Ala  Gly Cys Cys Ala Thr  Ala Gly Ala
    5840                5845                5850

Gly Gly  Gly Cys Gly Thr Thr  Thr Gly Ala Gly Ala  Gly Ala Ala
    5855                5860                5865

Gly Cys  Thr Thr Gly Gly Cys  Gly Ala Thr Gly Gly  Ala Thr Cys
    5870                5875                5880

Thr Cys  Ala Thr Gly Gly Thr  Cys Thr Gly Ala Thr  Thr Thr Thr
    5885                5890                5895

Thr Gly  Thr Cys Ala Cys Gly  Gly Thr Cys Gly Gly  Cys Gly Cys
    5900                5905                5910

Gly Cys  Thr Cys Cys Thr Thr  Gly Gly Cys Cys Gly  Cys Gly Ala
    5915                5920                5925
```

```
Thr Gly  Thr Thr Gly Ala Gly  Cys Thr Gly Gly Ala  Cys Ala Thr
    5930                5935                5940

Ala Thr  Thr Cys Gly Cys Gly  Cys Gly Cys Gly Ala  Cys Ala Cys
    5945                5950                5955

Ala Cys  Thr Thr Cys Cys Ala  Thr Thr Cys Gly Gly  Gly Gly Ala
    5960                5965                5970

Ala Gly  Ala Cys Gly Gly Thr  Gly Gly Thr Gly Cys  Gly Cys Thr
    5975                5980                5985

Cys Gly  Thr Cys Gly Gly Gly  Cys Ala Cys Gly Ala  Thr Cys Cys
    5990                5995                6000

Thr Gly  Ala Cys Gly Cys Gly  Cys Cys Ala Gly Cys  Cys Gly Cys
    6005                6010                6015

Gly Gly  Thr Thr Ala Thr Gly  Cys Ala Gly Gly Gly  Thr Gly Ala
    6020                6025                6030

Cys Cys  Ala Gly Gly Thr Cys  Cys Ala Cys Gly Cys  Thr Gly Gly
    6035                6040                6045

Thr Gly  Gly Cys Cys Ala Cys  Cys Thr Cys Gly Cys  Cys Gly Cys
    6050                6055                6060

Gly Cys  Ala Gly Gly Gly Gly  Cys Thr Cys Gly Thr  Thr Gly Gly
    6065                6070                6075

Thr Cys  Cys Ala Gly Cys Ala  Gly Ala Gly Thr Cys  Thr Gly Cys
    6080                6085                6090

Cys Gly  Cys Cys Cys Thr Thr  Gly Cys Gly Cys Gly  Ala Gly Cys
    6095                6100                6105
```

```
Ala Gly  Ala Ala Cys Gly Gly  Gly Gly Gly Cys Ala  Gly Cys Ala
    6110                6115                6120

Cys Ala  Thr Cys Ala Ala Gly  Cys Ala Gly Ala Thr  Gly Cys Thr
    6125                6130                6135

Cys Gly  Thr Cys Ala Gly Gly  Gly Gly Gly Gly Thr  Cys Cys Gly
    6140                6145                6150

Cys Ala  Thr Cys Gly Ala Thr  Gly Gly Thr Gly Ala  Ala Gly Ala
    6155                6160                6165

Thr Gly  Cys Cys Cys Gly Gly  Ala Cys Ala Gly Ala  Gly Thr Thr
    6170                6175                6180

Cys Cys  Thr Thr Gly Thr Cys  Ala Ala Ala Ala Thr  Ala Ala Thr
    6185                6190                6195

Cys Gly  Ala Thr Thr Thr Thr  Thr Gly Ala Gly Gly  Ala Thr Gly
    6200                6205                6210

Cys Ala  Thr Cys Gly Thr Cys  Cys Ala Ala Gly Gly  Cys Cys Ala
    6215                6220                6225

Thr Cys  Thr Gly Cys Cys Ala  Cys Thr Cys Gly Cys  Gly Gly Gly
    6230                6235                6240

Cys Gly  Gly Cys Cys Ala Gly  Cys Gly Cys Thr Cys  Gly Cys Thr
    6245                6250                6255

Cys Gly  Thr Ala Gly Gly Gly  Gly Thr Thr Gly Ala  Gly Gly Gly
    6260                6265                6270

Gly Cys  Gly Gly Ala Cys Cys  Cys Cys Ala Ala Gly  Gly Cys Ala
    6275                6280                6285

Thr Gly  Gly Gly Ala Thr Gly  Cys Gly Thr Gly Ala  Gly Gly Gly
    6290                6295                6300
```

```
Cys Gly  Gly Ala Gly Gly Cys  Gly Thr Ala Cys Ala  Thr Gly Cys
    6305                6310                6315

Cys Gly  Cys Ala Gly Ala Thr  Gly Thr Cys Ala Thr  Ala Gly Ala
    6320                6325                6330

Cys Ala  Thr Ala Gly Ala Thr  Gly Gly Gly Cys Thr  Cys Cys Gly
    6335                6340                6345

Ala Gly  Ala Gly Gly Ala Thr  Gly Cys Cys Gly Ala  Thr Gly Thr
    6350                6355                6360

Ala Gly  Gly Thr Gly Gly Gly  Ala Thr Ala Gly Cys  Ala Gly Cys
    6365                6370                6375

Gly Cys  Cys Cys Cys Cys Cys  Gly Cys Gly Gly Ala  Thr Gly Cys
    6380                6385                6390

Thr Thr  Gly Cys Gly Cys Gly  Cys Ala Cys Gly Thr  Ala Gly Thr
    6395                6400                6405

Cys Ala  Thr Ala Cys Ala Ala  Cys Thr Cys Gly Thr  Gly Cys Gly
    6410                6415                6420

Ala Gly  Gly Gly Gly Gly Cys  Cys Ala Ala Gly Ala  Ala Gly Gly
    6425                6430                6435

Cys Gly  Gly Gly Gly Cys Cys  Gly Ala Gly Ala Thr  Thr Gly Gly
    6440                6445                6450

Thr Gly  Cys Gly Cys Thr Gly  Gly Gly Gly Cys Thr  Gly Cys Thr
    6455                6460                6465

Cys Gly  Gly Cys Gly Cys Gly  Gly Ala Ala Gly Ala  Cys Gly Ala
    6470                6475                6480
```

```
Thr Cys  Thr Gly Gly Cys Gly  Ala Ala Ala Gly Ala  Thr Gly Gly
    6485                 6490                 6495

Cys Gly  Thr Gly Cys Gly Ala  Gly Thr Thr Gly Gly  Ala Gly Gly
    6500                 6505                 6510

Ala Gly  Ala Thr Gly Gly Thr  Gly Gly Gly Cys Cys  Gly Thr Thr
    6515                 6520                 6525

Gly Gly  Ala Ala Gly Ala Thr  Gly Thr Thr Ala Ala  Ala Gly Thr
    6530                 6535                 6540

Gly Gly  Gly Cys Gly Thr Gly  Ala Gly Gly Cys Ala  Gly Gly Cys
    6545                 6550                 6555

Gly Gly  Ala Cys Cys Gly Ala  Gly Thr Cys Gly Cys  Gly Gly Ala
    6560                 6565                 6570

Thr Gly  Ala Ala Gly Thr Gly  Cys Gly Cys Gly Thr  Ala Gly Gly
    6575                 6580                 6585

Ala Gly  Thr Cys Thr Thr Gly  Cys Ala Gly Cys Thr  Thr Gly Gly
    6590                 6595                 6600

Cys Gly  Ala Cys Gly Ala Gly  Cys Thr Cys Gly Gly  Cys Gly Gly
    6605                 6610                 6615

Thr Gly  Ala Cys Gly Ala Gly  Gly Ala Cys Gly Thr  Cys Cys Ala
    6620                 6625                 6630

Thr Gly  Gly Cys Gly Cys Ala  Gly Thr Ala Gly Thr  Cys Cys Ala
    6635                 6640                 6645

Gly Cys  Gly Thr Thr Thr Cys  Gly Cys Gly Gly Ala  Thr Gly Ala
    6650                 6655                 6660

Thr Gly  Thr Cys Ala Thr Ala  Ala Cys Thr Cys Gly  Cys Cys Thr
    6665                 6670                 6675
```

```
Cys Thr  Cys Cys Thr Thr Thr  Cys Thr Thr Cys Thr  Cys Cys Cys
    6680                6685                6690

Ala Cys  Ala Gly Cys Thr Cys  Gly Cys Gly Gly Thr  Thr Gly Ala
    6695                6700                6705

Gly Gly  Gly Cys Gly Thr Ala  Thr Thr Cys Cys Thr  Cys Gly Thr
    6710                6715                6720

Cys Ala  Thr Cys Cys Thr Thr  Cys Cys Ala Gly Thr  Ala Cys Thr
    6725                6730                6735

Cys Cys  Cys Gly Gly Ala Gly  Cys Gly Gly Gly Ala  Ala Thr Cys
    6740                6745                6750

Cys Thr  Cys Gly Ala Thr Cys  Gly Thr Cys Cys Gly  Cys Ala Cys
    6755                6760                6765

Gly Gly  Thr Ala Ala Gly Ala  Gly Cys Cys Cys Ala  Gly Cys Ala
    6770                6775                6780

Thr Gly  Thr Ala Gly Ala Ala  Ala Thr Gly Gly Thr  Thr Cys Ala
    6785                6790                6795

Cys Gly  Gly Cys Cys Thr Thr  Gly Thr Ala Gly Gly  Gly Ala Cys
    6800                6805                6810

Ala Gly  Cys Ala Gly Cys Cys  Cys Thr Thr Cys Thr  Cys Cys Ala
    6815                6820                6825

Cys Gly  Gly Gly Gly Ala Gly  Gly Gly Cys Gly Thr  Ala Ala Gly
    6830                6835                6840

Cys Thr  Thr Gly Ala Gly Cys  Gly Gly Cys Cys Thr  Thr Gly Cys
    6845                6850                6855
```

```
Gly Gly  Ala Gly Cys Gly Ala  Gly Gly Thr Gly Thr  Gly Cys Gly
    6860                6865                6870

Thr Cys  Ala Gly Gly Gly Cys  Ala Ala Ala Gly Gly  Thr Gly Thr
    6875                6880                6885

Cys Cys  Cys Thr Gly Ala Cys  Cys Ala Thr Gly Ala  Cys Thr Thr
    6890                6895                6900

Thr Cys  Ala Ala Gly Ala Ala  Cys Thr Gly Gly Thr  Ala Cys Thr
    6905                6910                6915

Thr Gly  Ala Ala Gly Thr Cys  Cys Gly Ala Gly Thr  Cys Gly Thr
    6920                6925                6930

Cys Gly  Cys Ala Gly Cys Cys  Gly Cys Cys Gly Thr  Gly Cys Thr
    6935                6940                6945

Cys Cys  Cys Ala Gly Ala Gly  Cys Thr Cys Gly Ala  Ala Ala Thr
    6950                6955                6960

Cys Gly  Gly Thr Gly Cys Gly  Cys Thr Thr Cys Thr  Thr Cys Gly
    6965                6970                6975

Ala Gly  Ala Gly Gly Gly Gly  Gly Thr Thr Ala Gly  Gly Cys Ala
    6980                6985                6990

Gly Ala  Gly Cys Gly Ala Ala  Ala Gly Thr Gly Ala  Cys Gly Thr
    6995                7000                7005

Cys Ala  Thr Thr Gly Ala Ala  Gly Ala Gly Ala Ala  Thr Cys Thr
    7010                7015                7020

Thr Gly  Cys Cys Thr Gly Cys  Cys Cys Gly Cys Gly  Gly Cys Ala
    7025                7030                7035

Thr Gly  Ala Ala Ala Thr Thr  Gly Cys Gly Gly Gly  Thr Gly Ala
    7040                7045                7050
```

```
Thr Gly  Cys Gly Gly Ala Ala  Ala Gly Gly Gly Cys  Cys Cys Gly
    7055                 7060                 7065


Gly Gly  Ala Cys Gly Gly Ala  Gly Gly Cys Thr Cys  Gly Gly Thr
    7070                 7075                 7080


Thr Gly  Thr Thr Gly Ala Thr  Gly Ala Cys Cys Thr  Gly Gly Gly
    7085                 7090                 7095


Cys Gly  Gly Cys Gly Ala Gly  Gly Ala Cys Gly Ala  Thr Cys Thr
    7100                 7105                 7110


Cys Gly  Thr Cys Ala Ala Ala  Gly Cys Cys Gly Thr  Thr Gly Ala
    7115                 7120                 7125


Thr Gly  Thr Thr Gly Thr Gly  Cys Cys Cys Gly Ala  Cys Gly Ala
    7130                 7135                 7140


Thr Gly  Thr Ala Gly Ala Gly  Thr Thr Cys Cys Ala  Thr Gly Ala
    7145                 7150                 7155


Ala Thr  Cys Gly Cys Gly Gly  Gly Cys Gly Gly Cys  Cys Thr Thr
    7160                 7165                 7170


Thr Gly  Ala Thr Gly Thr Gly  Cys Gly Gly Cys Ala  Gly Cys Thr
    7175                 7180                 7185


Thr Thr  Thr Thr Gly Ala Gly  Cys Thr Cys Cys Thr  Cys Gly Thr
    7190                 7195                 7200


Ala Gly  Gly Thr Gly Ala Gly  Gly Thr Cys Cys Thr  Cys Gly Gly
    7205                 7210                 7215


Gly Gly  Cys Ala Thr Thr Gly  Cys Ala Gly Gly Cys  Cys Gly Thr
    7220                 7225                 7230
```

```
Gly Cys  Thr Gly Cys Thr Cys  Gly Ala Gly Cys Gly  Cys Cys Cys
    7235                7240                7245


Ala Cys  Thr Cys Cys Thr Gly  Gly Ala Gly Ala Thr  Gly Thr Gly
    7250                7255                7260


Gly Gly  Thr Thr Gly Gly Cys  Thr Thr Gly Cys Ala  Thr Gly Ala
    7265                7270                7275


Ala Gly  Gly Ala Ala Gly Cys  Cys Cys Ala Gly Ala  Gly Cys Thr
    7280                7285                7290


Cys Gly  Cys Gly Gly Gly Cys  Cys Ala Thr Gly Ala  Gly Gly Gly
    7295                7300                7305


Thr Cys  Thr Gly Gly Ala Gly  Cys Thr Cys Gly Thr  Cys Gly Cys
    7310                7315                7320


Gly Ala  Ala Ala Gly Ala Gly  Gly Cys Gly Gly Ala  Ala Cys Thr
    7325                7330                7335


Gly Cys  Thr Gly Gly Cys Cys  Cys Ala Cys Gly Gly  Cys Cys Ala
    7340                7345                7350


Thr Cys  Thr Thr Thr Thr Cys  Thr Gly Gly Gly Gly  Thr Gly Ala
    7355                7360                7365


Cys Gly  Cys Ala Gly Thr Ala  Gly Ala Ala Gly Gly  Thr Gly Ala
    7370                7375                7380


Gly Gly  Gly Gly Gly Thr Cys  Cys Cys Gly Cys Thr  Cys Cys Cys
    7385                7390                7395


Ala Gly  Cys Gly Ala Thr Cys  Cys Cys Ala Gly Cys  Gly Thr Ala
    7400                7405                7410


Ala Ala  Cys Gly Cys Ala Cys  Gly Gly Cys Gly Ala  Gly Ala Thr
    7415                7420                7425
```

```
Cys Gly  Cys Gly Ala Gly Cys  Gly Ala Gly Gly Gly  Cys Gly Ala
    7430                7435                7440

Cys Cys  Ala Gly Cys Thr Cys  Thr Gly Gly Gly Thr  Cys Cys Cys
    7445                7450                7455

Cys Gly  Gly Ala Gly Ala Ala  Thr Thr Thr Cys Ala  Thr Gly Ala
    7460                7465                7470

Cys Cys  Ala Gly Cys Ala Thr  Gly Ala Ala Gly Gly  Gly Gly Ala
    7475                7480                7485

Cys Gly  Ala Gly Cys Thr Gly  Cys Thr Thr Gly Cys  Cys Gly Ala
    7490                7495                7500

Ala Gly  Gly Ala Cys Cys Cys  Cys Ala Thr Cys Cys  Ala Gly Gly
    7505                7510                7515

Thr Gly  Thr Ala Gly Gly Thr  Thr Thr Cys Thr Ala  Cys Ala Thr
    7520                7525                7530

Cys Gly  Thr Ala Gly Gly Thr  Gly Ala Cys Ala Ala  Ala Gly Ala
    7535                7540                7545

Gly Cys  Cys Gly Cys Thr Cys  Cys Gly Thr Gly Cys  Gly Ala Gly
    7550                7555                7560

Gly Ala  Thr Gly Ala Gly Ala  Gly Cys Cys Gly Ala  Thr Thr Gly
    7565                7570                7575

Gly Gly  Ala Ala Gly Ala Ala  Cys Thr Gly Gly Ala  Thr Thr Thr
    7580                7585                7590

Cys Cys  Thr Gly Cys Cys Ala  Cys Cys Ala Gly Thr  Thr Gly Gly
    7595                7600                7605
```

```
Ala Cys  Gly Ala Gly Thr Gly  Gly Cys Thr Gly Thr  Thr Gly Ala
    7610                 7615                 7620

Thr Gly  Thr Gly Ala Thr Gly  Ala Ala Ala Gly Thr  Ala Gly Ala
    7625                 7630                 7635

Ala Ala  Thr Cys Cys Cys Gly  Cys Cys Gly Gly Cys  Gly Ala Ala
    7640                 7645                 7650

Cys Cys  Gly Ala Gly Cys Ala  Cys Thr Cys Gly Thr  Gly Cys Thr
    7655                 7660                 7665

Gly Ala  Thr Gly Cys Thr Thr  Gly Thr Ala Ala Ala  Ala Gly Cys
    7670                 7675                 7680

Gly Thr  Cys Cys Gly Cys Ala  Gly Thr Ala Cys Thr  Cys Gly Cys
    7685                 7690                 7695

Ala Gly  Cys Gly Cys Thr Gly  Cys Ala Cys Gly Gly  Gly Cys Thr
    7700                 7705                 7710

Gly Thr  Ala Cys Cys Thr Cys  Ala Thr Cys Cys Ala  Cys Gly Ala
    7715                 7720                 7725

Gly Ala  Thr Ala Cys Ala Cys  Ala Gly Cys Gly Cys  Gly Thr Cys
    7730                 7735                 7740

Cys Cys  Thr Thr Gly Ala Gly  Gly Ala Gly Gly Ala  Ala Cys Thr
    7745                 7750                 7755

Thr Cys  Ala Gly Gly Ala Gly  Thr Gly Gly Cys Gly  Gly Cys Cys
    7760                 7765                 7770

Cys Thr  Gly Gly Cys Thr Gly  Gly Thr Gly Gly Thr  Thr Thr Thr
    7775                 7780                 7785

Cys Ala  Thr Gly Thr Thr Cys  Gly Cys Cys Thr Gly  Cys Gly Thr
    7790                 7795                 7800
```

```
Gly Gly  Gly Ala Cys Thr Cys  Ala Cys Cys Cys Thr  Gly Gly Gly
    7805                7810                7815

Gly Cys  Thr Cys Cys Thr Cys  Gly Ala Gly Gly Ala  Cys Gly Gly
    7820                7825                7830

Ala Gly  Ala Gly Gly Cys Thr  Gly Ala Cys Gly Ala  Gly Cys Cys
    7835                7840                7845

Cys Gly  Cys Gly Cys Gly Gly  Gly Ala Gly Cys Cys  Ala Gly Gly
    7850                7855                7860

Thr Cys  Cys Ala Gly Ala Thr  Cys Thr Cys Gly Gly  Cys Gly Cys
    7865                7870                7875

Gly Gly  Cys Gly Gly Gly Gly  Gly Cys Gly Gly Ala  Gly Ala Gly
    7880                7885                7890

Cys Gly  Ala Ala Gly Ala Cys  Gly Ala Gly Gly Gly  Cys Gly Cys
    7895                7900                7905

Gly Cys  Ala Gly Thr Thr Gly  Gly Gly Ala Gly Cys  Thr Gly Thr
    7910                7915                7920

Cys Cys  Ala Thr Gly Gly Thr  Gly Thr Cys Gly Cys  Gly Gly Ala
    7925                7930                7935

Gly Ala  Thr Cys Cys Ala Gly  Gly Thr Cys Cys Gly  Gly Gly Gly
    7940                7945                7950

Gly Cys  Ala Gly Gly Gly Thr  Thr Cys Thr Gly Ala  Gly Gly Thr
    7955                7960                7965

Thr Gly  Ala Cys Cys Thr Cys  Gly Thr Ala Gly Ala  Gly Gly Cys
    7970                7975                7980
```

```
Gly Gly  Gly Thr Gly Ala Gly  Gly Gly Cys Gly Thr  Gly Cys Thr
    7985                 7990                 7995

Thr Gly  Ala Gly Ala Thr Gly  Cys Ala Gly Ala Thr  Gly Gly Thr
    8000                 8005                 8010

Ala Cys  Thr Thr Gly Ala Thr  Thr Thr Cys Thr Ala  Cys Gly Gly
    8015                 8020                 8025

Gly Thr  Gly Ala Gly Thr Thr  Gly Gly Thr Gly Gly  Thr Cys Gly
    8030                 8035                 8040

Thr Gly  Thr Cys Cys Ala Cys  Gly Cys Ala Thr Thr  Gly Cys Ala
    8045                 8050                 8055

Thr Gly  Ala Gly Cys Cys Cys  Gly Thr Ala Gly Cys  Thr Gly Cys
    8060                 8065                 8070

Gly Cys  Gly Gly Gly Gly Cys  Cys Ala Cys Gly Ala  Cys Cys Gly
    8075                 8080                 8085

Thr Gly  Cys Cys Gly Cys Gly  Gly Thr Gly Cys Gly  Cys Thr Thr
    8090                 8095                 8100

Thr Thr  Ala Gly Ala Ala Gly  Cys Gly Gly Thr Gly  Thr Cys Gly
    8105                 8110                 8115

Cys Gly  Gly Ala Cys Gly Cys  Gly Cys Thr Cys Cys  Cys Gly Gly
    8120                 8125                 8130

Cys Gly  Gly Cys Ala Gly Cys  Gly Gly Cys Gly Gly  Thr Thr Cys
    8135                 8140                 8145

Cys Gly  Gly Cys Cys Cys Cys  Gly Cys Gly Gly Gly  Cys Ala Gly
    8150                 8155                 8160

Gly Gly  Gly Cys Gly Gly Cys  Ala Gly Ala Gly Gly  Cys Ala Cys
    8165                 8170                 8175
```

```
Gly Thr  Cys Gly Gly Cys Gly  Thr Gly Gly Cys Gly  Cys Thr Cys
    8180                8185                8190

Gly Gly  Gly Cys Ala Gly Gly  Thr Cys Cys Cys Gly  Gly Thr Gly
    8195                8200                8205

Cys Thr  Gly Cys Gly Cys Cys  Cys Thr Gly Ala Gly  Ala Gly Cys
    8210                8215                8220

Gly Cys  Thr Gly Gly Cys Gly  Thr Gly Cys Gly Cys  Gly Ala Cys
    8225                8230                8235

Gly Ala  Cys Gly Cys Gly Gly  Cys Gly Gly Thr Thr  Gly Ala Cys
    8240                8245                8250

Ala Thr  Cys Cys Thr Gly Gly  Ala Thr Cys Thr Gly  Cys Cys Gly
    8255                8260                8265

Cys Cys  Thr Cys Thr Gly Cys  Gly Thr Gly Ala Ala  Gly Ala Cys
    8270                8275                8280

Cys Ala  Cys Gly Gly Gly Cys  Cys Cys Cys Gly Thr  Gly Ala Cys
    8285                8290                8295

Thr Thr  Thr Gly Ala Ala Cys  Cys Thr Gly Ala Ala  Ala Gly Ala
    8300                8305                8310

Cys Ala  Gly Thr Thr Cys Ala  Ala Cys Ala Gly Ala  Ala Thr Cys
    8315                8320                8325

Ala Ala  Thr Cys Thr Cys Thr  Gly Cys Gly Thr Cys  Ala Thr Thr
    8330                8335                8340

Gly Ala  Cys Gly Gly Cys Gly  Gly Cys Cys Thr Gly  Ala Cys Gly
    8345                8350                8355
```

```
Cys Ala  Gly Gly Ala Thr Cys  Thr Cys Thr Thr Gly  Cys Ala Cys
    8360                 8365                 8370

Gly Thr  Cys Gly Cys Cys Cys  Gly Ala Gly Thr Thr  Gly Thr Cys
    8375                 8380                 8385

Cys Thr  Gly Gly Thr Ala Gly  Gly Cys Gly Ala Thr  Cys Thr Cys
    8390                 8395                 8400

Gly Gly  Ala Cys Ala Thr Gly  Ala Ala Cys Thr Gly  Thr Thr Cys
    8405                 8410                 8415

Gly Ala  Thr Cys Thr Cys Cys  Thr Cys Cys Thr Cys  Cys Thr Gly
    8420                 8425                 8430

Gly Ala  Gly Ala Thr Cys Gly  Cys Cys Gly Cys Gly  Gly Cys Cys
    8435                 8440                 8445

Cys Gly  Cys Gly Cys Gly Cys  Thr Cys Cys Ala Cys  Gly Gly Thr
    8450                 8455                 8460

Gly Gly  Cys Gly Gly Cys Gly  Ala Gly Gly Thr Cys  Ala Thr Thr
    8465                 8470                 8475

Gly Gly  Ala Gly Ala Thr Gly  Cys Gly Ala Cys Cys  Cys Ala Thr
    8480                 8485                 8490

Gly Ala  Gly Cys Thr Gly Cys  Gly Ala Gly Ala Ala  Gly Gly Cys
    8495                 8500                 8505

Gly Cys  Cys Cys Ala Gly Gly  Cys Cys Gly Cys Thr  Cys Thr Cys
    8510                 8515                 8520

Gly Thr  Thr Cys Cys Ala Gly  Ala Cys Gly Cys Gly  Gly Cys Thr
    8525                 8530                 8535

Gly Thr  Ala Gly Ala Cys Cys  Ala Cys Gly Thr Cys  Cys Cys Cys
    8540                 8545                 8550
```

```
Gly Thr  Cys Gly Gly Cys Gly  Thr Cys Gly Cys Gly  Cys Gly Cys
    8555                8560                8565

Gly Cys  Gly Cys Ala Thr Gly  Ala Cys Cys Ala Cys  Cys Thr Gly
    8570                8575                8580

Cys Gly  Cys Gly Ala Gly Gly  Thr Thr Gly Ala Gly  Cys Thr Cys
    8585                8590                8595

Cys Ala  Cys Gly Thr Gly Cys  Cys Gly Cys Gly Cys  Ala Ala Ala
    8600                8605                8610

Gly Ala  Cys Gly Gly Cys Gly  Thr Ala Gly Thr Thr  Gly Cys Gly
    8615                8620                8625

Cys Ala  Gly Gly Cys Gly Cys  Thr Gly Gly Ala Ala  Gly Ala Gly
    8630                8635                8640

Gly Thr  Ala Gly Thr Thr Gly  Ala Gly Gly Gly Thr  Gly Gly Thr
    8645                8650                8655

Gly Gly  Cys Gly Ala Thr Gly  Thr Gly Cys Thr Cys  Gly Gly Thr
    8660                8665                8670

Gly Ala  Cys Gly Ala Ala Gly  Ala Ala Gly Thr Ala  Cys Ala Thr
    8675                8680                8685

Gly Ala  Thr Cys Cys Ala Gly  Cys Gly Gly Cys Gly  Cys Ala Gly
    8690                8695                8700

Gly Gly  Gly Cys Ala Thr Cys  Thr Cys Gly Cys Thr  Gly Ala Thr
    8705                8710                8715

Gly Thr  Cys Gly Cys Cys Gly  Ala Thr Gly Gly Cys  Thr Thr Cys
    8720                8725                8730
```

```
Cys Ala  Gly Cys Cys Thr Thr  Thr Cys Cys Ala Thr  Gly Gly Cys
    8735                8740                8745

Cys Thr  Cys Gly Thr Ala Gly  Ala Ala Gly Thr Cys  Cys Ala Cys
    8750                8755                8760

Gly Gly  Cys Gly Ala Ala Gly  Thr Thr Gly Ala Ala  Ala Ala Ala
    8765                8770                8775

Cys Thr  Gly Gly Gly Cys Gly  Thr Thr Gly Cys Gly  Gly Gly Cys
    8780                8785                8790

Cys Gly  Ala Gly Ala Cys Cys  Gly Thr Gly Ala Gly  Cys Thr Cys
    8795                8800                8805

Gly Thr  Cys Thr Thr Cys Cys  Ala Gly Gly Ala Gly  Cys Cys Gly
    8810                8815                8820

Gly Ala  Thr Gly Ala Gly Thr  Thr Cys Gly Gly Cys  Gly Ala Thr
    8825                8830                8835

Gly Gly  Thr Gly Gly Cys Gly  Cys Gly Cys Ala Cys  Cys Thr Cys
    8840                8845                8850

Gly Cys  Gly Cys Thr Cys Gly  Ala Ala Ala Thr Cys  Cys Cys Cys
    8855                8860                8865

Gly Gly  Gly Gly Gly Cys Cys  Thr Cys Cys Thr Cys  Cys Thr Cys
    8870                8875                8880

Thr Thr  Cys Cys Thr Cys Thr  Thr Cys Thr Thr Cys  Cys Ala Thr
    8885                8890                8895

Gly Ala  Cys Gly Ala Cys Cys  Thr Cys Thr Thr Cys  Thr Thr Cys
    8900                8905                8910

Thr Ala  Thr Thr Thr Cys Thr  Thr Cys Cys Thr Cys  Thr Gly Gly
    8915                8920                8925
```

```
Gly Gly  Gly Cys Gly Gly Thr  Gly Gly Thr Gly Gly  Thr Gly Gly
    8930                8935                8940

Cys Gly  Gly Gly Gly Gly Cys  Cys Gly Ala Cys Gly  Ala Cys Gly
    8945                8950                8955

Ala Cys  Gly Gly Cys Gly Ala  Cys Gly Cys Ala Cys  Cys Gly Gly
    8960                8965                8970

Gly Ala  Gly Ala Cys Gly Gly  Thr Cys Gly Ala Cys  Gly Ala Ala
    8975                8980                8985

Gly Cys  Gly Cys Thr Cys Gly  Ala Thr Cys Ala Thr  Cys Thr Cys
    8990                8995                9000

Cys Cys  Cys Gly Cys Gly Gly  Cys Gly Gly Cys Gly  Ala Cys Gly
    9005                9010                9015

Cys Ala  Thr Gly Gly Thr Thr  Thr Cys Gly Gly Thr  Gly Ala Cys
    9020                9025                9030

Gly Gly  Cys Gly Cys Gly Ala  Cys Cys Cys Cys Gly  Thr Thr Cys
    9035                9040                9045

Gly Cys  Gly Ala Gly Gly Ala  Cys Gly Cys Ala Gly  Cys Gly Thr
    9050                9055                9060

Gly Ala  Ala Gly Ala Cys Gly  Cys Cys Gly Cys Cys  Gly Gly Thr
    9065                9070                9075

Cys Ala  Thr Cys Thr Cys Cys  Cys Gly Gly Thr Ala  Ala Thr Gly
    9080                9085                9090

Gly Gly  Gly Cys Gly Gly Gly  Thr Cys Cys Cys Cys  Ala Thr Thr
    9095                9100                9105
```

```
Gly Gly  Gly Cys Ala Gly Cys  Gly Ala Thr Ala Gly  Gly Gly Cys
    9110                9115                9120

Gly Cys  Thr Gly Ala Cys Gly  Ala Thr Gly Cys Ala  Thr Cys Thr
    9125                9130                9135

Thr Ala  Thr Cys Ala Ala Thr  Thr Gly Cys Gly Gly  Thr Gly Thr
    9140                9145                9150

Ala Gly  Gly Gly Gly Ala Cys  Gly Thr Gly Ala Gly  Cys Gly Cys
    9155                9160                9165

Gly Thr  Cys Gly Ala Gly Ala  Thr Cys Gly Ala Cys  Cys Gly Gly
    9170                9175                9180

Ala Thr  Cys Gly Gly Ala Gly  Ala Ala Thr Cys Thr  Thr Thr Cys
    9185                9190                9195

Gly Ala  Gly Gly Ala Ala Ala  Gly Cys Gly Thr Cys  Thr Ala Gly
    9200                9205                9210

Cys Cys  Ala Ala Thr Cys Gly  Cys Ala Gly Thr Cys  Gly Cys Ala
    9215                9220                9225

Ala Gly  Gly Thr Ala Ala Gly  Cys Thr Cys Ala Ala  Ala Cys Ala
    9230                9235                9240

Cys Gly  Thr Ala Gly Cys Ala  Gly Cys Cys Cys Thr  Gly Cys Gly
    9245                9250                9255

Gly Ala  Cys Gly Cys Thr Gly  Thr Thr Ala Gly Ala  Ala Thr Thr
    9260                9265                9270

Gly Cys  Gly Gly Thr Thr Gly  Cys Thr Gly Ala Thr  Gly Ala Thr
    9275                9280                9285

Gly Thr  Ala Ala Thr Thr Gly  Ala Ala Gly Thr Ala  Gly Gly Cys
    9290                9295                9300
```

```
Gly Thr  Thr Thr Thr Thr Gly  Ala Gly Gly Cys Gly  Gly Cys Gly
    9305                9310                9315

Gly Ala  Thr Gly Gly Thr Gly  Gly Cys Gly Ala Gly  Gly Ala Gly
    9320                9325                9330

Gly Ala  Cys Cys Ala Gly Gly  Thr Cys Cys Thr Thr  Gly Gly Gly
    9335                9340                9345

Thr Cys  Cys Ala Gly Cys Thr  Thr Gly Cys Thr Gly  Gly Ala Thr
    9350                9355                9360

Gly Cys  Gly Gly Ala Gly Cys  Cys Gly Cys Thr Cys  Gly Gly Cys
    9365                9370                9375

Cys Ala  Thr Gly Cys Cys Cys  Cys Ala Gly Gly Cys  Cys Thr Gly
    9380                9385                9390

Gly Cys  Cys Cys Thr Gly Ala  Cys Ala Cys Cys Gly  Gly Cys Thr
    9395                9400                9405

Cys Ala  Gly Gly Thr Thr Cys  Thr Thr Gly Thr Ala  Gly Thr Ala
    9410                9415                9420

Gly Thr  Cys Ala Thr Gly Cys  Ala Thr Gly Ala Gly  Cys Cys Thr
    9425                9430                9435

Cys Thr  Cys Ala Ala Thr Gly  Thr Cys Ala Thr Cys  Ala Cys Thr
    9440                9445                9450

Gly Gly  Cys Thr Gly Ala Gly  Gly Cys Gly Gly Ala  Gly Thr Cys
    9455                9460                9465

Thr Thr  Cys Cys Ala Thr Gly  Cys Gly Gly Gly Thr  Gly Ala Cys
    9470                9475                9480
```

```
Cys Cys  Cys Gly Ala Cys Gly  Cys Cys Cys Cys Thr  Gly Ala Gly
    9485                9490                9495

Cys Gly  Gly Cys Thr Gly Cys  Ala Cys Gly Ala Gly  Cys Gly Cys
    9500                9505                9510

Cys Ala  Gly Gly Thr Cys Gly  Gly Cys Gly Ala Cys  Gly Ala Cys
    9515                9520                9525

Gly Cys  Gly Cys Thr Cys Gly  Gly Cys Gly Ala Gly  Gly Ala Thr
    9530                9535                9540

Gly Gly  Cys Cys Thr Gly Thr  Thr Gly Cys Ala Cys  Gly Cys Gly
    9545                9550                9555

Gly Gly  Thr Gly Ala Gly Gly  Gly Thr Gly Thr Cys  Cys Thr Gly
    9560                9565                9570

Gly Ala  Ala Gly Thr Cys Gly  Thr Cys Cys Ala Thr  Gly Thr Cys
    9575                9580                9585

Gly Ala  Cys Gly Ala Ala Gly  Cys Gly Gly Thr Gly  Ala Thr Ala
    9590                9595                9600

Gly Gly  Cys Cys Cys Cys Gly  Gly Thr Gly Thr Thr  Gly Ala Thr
    9605                9610                9615

Gly Gly  Thr Gly Thr Ala Gly  Gly Thr Gly Cys Ala  Gly Thr Thr
    9620                9625                9630

Gly Gly  Cys Cys Ala Thr Gly  Ala Gly Cys Gly Ala  Cys Cys Ala
    9635                9640                9645

Gly Thr  Thr Gly Ala Cys Gly  Gly Thr Cys Thr Gly  Cys Ala Gly
    9650                9655                9660

Gly Cys  Cys Thr Gly Gly Cys  Thr Gly Cys Ala Cys  Gly Ala Cys
    9665                9670                9675
```

```
Cys Thr  Cys Gly Gly Ala Gly  Thr Ala Cys Cys Thr  Gly Ala Gly
    9680                9685                9690

Cys Cys  Gly Cys Gly Ala Gly  Ala Ala Gly Gly Cys  Gly Cys Gly
    9695                9700                9705

Cys Gly  Ala Gly Thr Cys Gly  Ala Ala Gly Ala Cys  Gly Thr Ala
    9710                9715                9720

Gly Thr  Cys Gly Thr Thr Gly  Cys Ala Gly Gly Thr  Gly Cys Gly
    9725                9730                9735

Cys Ala  Cys Gly Ala Gly Gly  Thr Ala Cys Thr Gly  Gly Thr Ala
    9740                9745                9750

Thr Cys  Cys Gly Ala Cys Thr  Ala Gly Gly Ala Ala  Gly Thr Gly
    9755                9760                9765

Cys Gly  Gly Cys Gly Gly Cys  Gly Gly Cys Thr Gly  Gly Cys Gly
    9770                9775                9780

Gly Thr  Ala Gly Ala Gly Cys  Gly Gly Cys Cys Ala  Gly Cys Gly
    9785                9790                9795

Cys Thr  Gly Gly Gly Thr Gly  Gly Cys Cys Gly Gly  Cys Gly Cys
    9800                9805                9810

Gly Cys  Cys Cys Gly Gly Gly  Gly Cys Cys Ala Gly  Gly Thr Cys
    9815                9820                9825

Cys Thr  Cys Gly Ala Gly Cys  Ala Thr Gly Ala Gly  Gly Cys Gly
    9830                9835                9840

Gly Thr  Gly Gly Thr Ala Gly  Cys Cys Gly Thr Ala  Gly Ala Gly
    9845                9850                9855
```

```
Gly Thr  Ala Gly Cys Gly Gly  Gly Ala Cys Ala Thr  Cys Cys Ala
    9860                9865                9870

Gly Gly  Thr Gly Ala Thr Gly  Cys Cys Gly Gly Cys  Gly Gly Cys
    9875                9880                9885

Gly Gly  Thr Gly Gly Thr Gly  Gly Ala Gly Gly Cys  Gly Cys Gly
    9890                9895                9900

Cys Gly  Gly Gly Ala Ala Cys  Thr Cys Gly Cys Gly  Gly Ala Cys
    9905                9910                9915

Gly Cys  Gly Gly Thr Thr Cys  Cys Ala Gly Ala Thr  Gly Thr Thr
    9920                9925                9930

Gly Cys  Gly Cys Ala Gly Cys  Gly Gly Cys Ala Gly  Gly Ala Ala
    9935                9940                9945

Ala Thr  Ala Gly Thr Cys Cys  Ala Thr Gly Gly Thr  Cys Gly Gly
    9950                9955                9960

Cys Ala  Cys Gly Gly Thr Cys  Thr Gly Gly Cys Cys  Gly Gly Thr
    9965                9970                9975

Gly Ala  Gly Ala Cys Gly Cys  Gly Cys Gly Cys Ala  Gly Thr Cys
    9980                9985                9990

Ala Thr  Thr Gly Ala Cys Gly   Cys Thr Cys Thr Ala   Gly Ala Gly
    9995                10000                10005

Gly Cys   Ala Ala Ala Ala Ala   Cys Gly Ala Ala Ala   Gly Cys Gly
    10010                10015                10020

Gly Thr   Thr Gly Ala Gly Cys   Gly Gly Gly Cys Thr   Cys Thr Thr
    10025                10030                10035

Cys Cys   Thr Cys Cys Gly Thr   Ala Gly Cys Cys Thr   Gly Gly Cys
    10040                10045                10050
```

```
Gly Gly   Ala Ala Cys Gly Cys   Ala Ala Ala Cys Gly   Gly Gly Thr
    10055                10060                10065

Thr Ala   Gly Gly Cys Cys Gly   Cys Gly Thr Gly Thr   Gly Thr Ala
    10070                10075                10080

Cys Cys   Cys Cys Gly Gly Thr   Thr Cys Gly Ala Gly   Thr Cys Cys
    10085                10090                10095

Cys Cys   Thr Cys Gly Ala Ala   Thr Cys Ala Gly Gly   Cys Thr Gly
    10100                10105                10110

Gly Ala   Gly Cys Cys Gly Cys   Gly Ala Cys Thr Ala   Ala Cys Gly
    10115                10120                10125

Thr Gly   Gly Thr Ala Thr Thr   Gly Gly Cys Ala Cys   Thr Cys Cys
    10130                10135                10140

Cys Gly   Thr Cys Thr Cys Gly   Ala Cys Cys Cys Gly   Ala Gly Cys
    10145                10150                10155

Cys Cys   Gly Ala Thr Ala Gly   Cys Cys Gly Cys Cys   Ala Gly Gly
    10160                10165                10170

Ala Thr   Ala Cys Gly Gly Cys   Gly Gly Ala Gly Ala   Gly Cys Cys
    10175                10180                10185

Cys Thr   Thr Thr Thr Thr Gly   Cys Cys Gly Gly Cys   Cys Gly Ala
    10190                10195                10200

Gly Thr   Gly Gly Gly Gly Thr   Cys Gly Cys Thr Ala   Gly Ala Cys
    10205                10210                10215

Thr Thr   Gly Ala Ala Ala Gly   Cys Gly Ala Cys Cys   Gly Ala Ala
    10220                10225                10230
```

```
Ala Ala   Cys Cys Cys Thr Gly   Cys Cys Gly Gly Gly   Thr Ala Gly
    10235                 10240                 10245

Thr Gly   Gly Cys Thr Cys Gly   Cys Gly Cys Cys Cys   Gly Thr Ala
    10250                 10255                 10260

Gly Thr   Cys Thr Gly Gly Ala   Gly Ala Ala Gly Cys   Ala Thr Cys
    10265                 10270                 10275

Gly Cys   Cys Ala Gly Gly Gly   Thr Thr Gly Ala Gly   Thr Cys Gly
    10280                 10285                 10290

Cys Gly   Gly Cys Ala Gly Ala   Ala Cys Cys Cys Gly   Gly Thr Thr
    10295                 10300                 10305

Cys Gly   Ala Gly Gly Ala Cys   Gly Gly Cys Cys Gly   Cys Gly Gly
    10310                 10315                 10320

Cys Gly   Ala Gly Cys Gly Gly   Gly Ala Cys Thr Thr   Gly Gly Thr
    10325                 10330                 10335

Cys Ala   Cys Cys Cys Cys Gly   Cys Cys Gly Ala Thr   Ala Thr Ala
    10340                 10345                 10350

Ala Ala   Gly Ala Cys Cys Cys   Ala Cys Ala Gly Cys   Cys Ala Gly
    10355                 10360                 10365

Cys Cys   Gly Ala Cys Thr Thr   Cys Thr Cys Cys Ala   Gly Thr Thr
    10370                 10375                 10380

Ala Cys   Gly Gly Gly Ala Gly   Cys Gly Ala Gly Cys   Cys Cys Cys
    10385                 10390                 10395

Cys Thr   Thr Thr Thr Thr Thr   Cys Thr Thr Thr Thr   Thr Gly Cys
    10400                 10405                 10410

Cys Ala   Gly Ala Thr Gly Cys   Ala Thr Cys Cys Cys   Gly Thr Cys
    10415                 10420                 10425
```

```
Cys Thr   Gly Cys Gly Cys Cys   Ala Ala Ala Thr Gly   Cys Gly Thr
    10430                 10435                 10440


Cys Cys   Cys Ala Cys Cys Cys   Cys Cys Cys Cys Gly   Gly Cys Gly
    10445                 10450                 10455


Ala Cys   Cys Ala Cys Cys Gly   Cys Gly Ala Cys Cys   Gly Cys Gly
    10460                 10465                 10470


Gly Cys   Cys Gly Thr Ala Gly   Cys Ala Gly Gly Cys   Gly Cys Cys
    10475                 10480                 10485


Gly Gly   Cys Gly Cys Thr Ala   Gly Cys Cys Ala Gly   Cys Cys Ala
    10490                 10495                 10500


Cys Cys   Ala Cys Ala Gly Ala   Cys Ala Gly Ala Gly   Ala Thr Gly
    10505                 10510                 10515


Gly Ala   Cys Thr Thr Gly Gly   Ala Ala Gly Ala Gly   Gly Gly Cys
    10520                 10525                 10530


Gly Ala   Ala Gly Gly Gly Cys   Thr Gly Gly Cys Ala   Ala Gly Ala
    10535                 10540                 10545


Cys Thr   Gly Gly Gly Gly Gly   Cys Gly Cys Cys Gly   Thr Cys Cys
    10550                 10555                 10560


Cys Cys   Gly Gly Ala Gly Cys   Gly Ala Cys Ala Thr   Cys Cys Cys
    10565                 10570                 10575


Cys Gly   Cys Gly Thr Gly Cys   Ala Gly Cys Thr Gly   Cys Ala Gly
    10580                 10585                 10590


Ala Ala   Gly Gly Ala Cys Gly   Thr Gly Cys Gly Cys   Cys Cys Gly
    10595                 10600                 10605
```

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Gly Cys   Gly Thr Ala Cys Gly   Thr Gly Cys Cys Thr   Ala Cys Gly
    10610                 10615                 10620

Cys Ala   Gly Ala Ala Cys Cys   Thr Gly Thr Thr Cys   Ala Gly Gly
    10625                 10630                 10635

Gly Ala   Cys Cys Gly Cys Ala   Gly Cys Gly Gly Gly   Gly Ala Gly
    10640                 10645                 10650

Gly Ala   Gly Cys Cys Cys Gly   Ala Gly Gly Ala Gly   Ala Thr Gly
    10655                 10660                 10665

Cys Gly   Cys Gly Ala Cys Thr   Gly Cys Cys Gly Gly   Thr Thr Thr
    10670                 10675                 10680

Cys Gly   Gly Gly Cys Gly Gly   Gly Cys Ala Gly Gly   Gly Ala Gly
    10685                 10690                 10695

Cys Thr   Gly Cys Gly Cys Gly   Ala Gly Gly Gly Cys   Cys Thr Gly
    10700                 10705                 10710

Gly Ala   Cys Cys Gly Cys Cys   Ala Gly Cys Gly Cys   Gly Thr Gly
    10715                 10720                 10725

Cys Thr   Gly Cys Gly Cys Gly   Ala Cys Gly Ala Gly   Gly Ala Thr
    10730                 10735                 10740

Thr Thr   Cys Gly Ala Gly Cys   Cys Gly Ala Ala Cys   Gly Ala Gly
    10745                 10750                 10755

Cys Ala   Gly Ala Cys Gly Gly   Gly Gly Ala Thr Cys   Ala Gly Cys
    10760                 10765                 10770

Cys Cys   Cys Gly Cys Ala Cys   Gly Cys Gly Cys Gly   Cys Ala Cys
    10775                 10780                 10785

Gly Thr   Gly Gly Cys Gly Gly   Cys Ala Gly Cys Cys   Ala Ala Cys
    10790                 10795                 10800
```

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Cys Thr   Gly Gly Thr Gly Ala   Cys Gly Gly Cys Cys   Thr Ala Cys
    10805                10810                10815

Gly Ala   Gly Cys Ala Gly Ala   Cys Gly Gly Thr Gly   Ala Ala Gly
    10820                10825                10830

Cys Ala   Gly Gly Ala Gly Cys   Gly Cys Ala Ala Cys   Thr Thr Cys
    10835                10840                10845

Cys Ala   Ala Ala Ala Gly Ala   Gly Thr Thr Thr Cys   Ala Ala Cys
    10850                10855                10860

Ala Ala   Cys Cys Ala Cys Gly   Thr Gly Cys Gly Cys   Ala Cys Cys
    10865                10870                10875

Cys Thr   Gly Ala Thr Cys Gly   Cys Gly Cys Gly Cys   Gly Ala Gly
    10880                10885                10890

Gly Ala   Gly Gly Thr Gly Gly   Cys Cys Cys Thr Gly   Gly Gly Cys
    10895                10900                10905

Cys Thr   Gly Ala Thr Gly Cys   Ala Cys Cys Thr Gly   Thr Gly Gly
    10910                10915                10920

Gly Ala   Cys Cys Thr Gly Gly   Cys Gly Gly Ala Gly   Gly Cys Cys
    10925                10930                10935

Ala Thr   Cys Gly Thr Gly Cys   Ala Gly Ala Ala Cys   Cys Cys Gly
    10940                10945                10950

Gly Ala   Cys Ala Gly Cys Ala   Ala Gly Cys Cys Thr   Cys Thr Gly
    10955                10960                10965

Ala Cys   Gly Gly Cys Gly Cys   Ala Gly Cys Thr Gly   Thr Thr Cys
    10970                10975                10980
```

```
Cys Thr   Gly Gly Thr Gly Gly   Thr Gly Cys Ala Gly   Cys Ala Cys
    10985                10990                10995


Ala Gly   Cys Ala Gly Gly Gly   Ala Cys Ala Ala Cys   Gly Ala Gly
    11000                11005                11010


Gly Cys   Gly Thr Thr Cys Ala   Gly Gly Gly Ala Gly   Gly Cys Gly
    11015                11020                11025


Cys Thr   Gly Cys Thr Gly Ala   Ala Cys Ala Thr Cys   Gly Cys Cys
    11030                11035                11040


Gly Ala   Gly Cys Cys Cys Gly   Ala Gly Gly Gly Thr   Cys Gly Cys
    11045                11050                11055


Thr Gly   Gly Cys Thr Gly Cys   Thr Gly Gly Ala Gly   Cys Thr Gly
    11060                11065                11070


Ala Thr   Thr Ala Ala Cys Ala   Thr Cys Thr Thr Gly   Cys Ala Gly
    11075                11080                11085


Ala Gly   Cys Ala Thr Cys Gly   Thr Ala Gly Thr Gly   Cys Ala Gly
    11090                11095                11100


Gly Ala   Gly Cys Gly Cys Ala   Gly Cys Cys Thr Gly   Ala Gly Cys
    11105                11110                11115


Cys Thr   Gly Gly Cys Cys Gly   Ala Gly Ala Ala Gly   Gly Thr Gly
    11120                11125                11130


Gly Cys   Gly Gly Cys Gly Ala   Thr Cys Ala Ala Cys   Thr Ala Cys
    11135                11140                11145


Thr Cys   Gly Gly Thr Gly Cys   Thr Gly Ala Gly Cys   Cys Thr Gly
    11150                11155                11160


Gly Gly   Cys Ala Ala Gly Thr   Thr Thr Thr Ala Cys   Gly Cys Gly
    11165                11170                11175
```

```
Cys Gly   Cys Ala Ala Gly Ala   Thr Thr Thr Ala Cys   Ala Ala Gly
    11180                 11185                 11190

Ala Cys   Gly Cys Cys Gly Thr   Ala Cys Gly Thr Gly   Cys Cys Cys
    11195                 11200                 11205

Ala Thr   Ala Gly Ala Cys Ala   Ala Gly Gly Ala Gly   Gly Thr Gly
    11210                 11215                 11220

Ala Ala   Gly Ala Thr Ala Gly   Ala Cys Ala Gly Cys   Thr Thr Thr
    11225                 11230                 11235

Thr Ala   Cys Ala Thr Gly Cys   Gly Cys Ala Thr Gly   Gly Cys Gly
    11240                 11245                 11250

Cys Thr   Cys Ala Ala Gly Gly   Thr Gly Cys Thr Gly   Ala Cys Gly
    11255                 11260                 11265

Cys Thr   Gly Ala Gly Cys Gly   Ala Cys Gly Ala Cys   Cys Thr Gly
    11270                 11275                 11280

Gly Gly   Cys Gly Thr Gly Thr   Ala Cys Cys Gly Cys   Ala Ala Cys
    11285                 11290                 11295

Gly Ala   Cys Cys Gly Cys Ala   Thr Cys Cys Ala Cys   Ala Ala Gly
    11300                 11305                 11310

Gly Cys   Cys Gly Thr Gly Ala   Gly Cys Ala Cys Gly   Ala Gly Cys
    11315                 11320                 11325

Cys Gly   Gly Cys Gly Gly Cys   Gly Cys Gly Ala Gly   Cys Thr Gly
    11330                 11335                 11340

Ala Gly   Cys Gly Ala Cys Cys   Gly Cys Gly Ala Gly   Cys Thr Gly
    11345                 11350                 11355
```

```
Ala Thr   Gly Cys Thr Gly Ala   Gly Thr Cys Thr Gly   Cys Gly Cys
    11360                 11365                 11370

Cys Gly   Gly Gly Cys Gly Cys   Thr Gly Gly Thr Ala   Gly Gly Gly
    11375                 11380                 11385

Gly Gly   Cys Gly Cys Cys Gly   Cys Cys Gly Gly Cys   Gly Gly Cys
    11390                 11395                 11400

Gly Ala   Gly Gly Ala Gly Thr   Cys Cys Thr Ala Cys   Thr Thr Cys
    11405                 11410                 11415

Gly Ala   Cys Ala Thr Gly Gly   Gly Thr Gly Cys Gly   Gly Ala Cys
    11420                 11425                 11430

Cys Thr   Gly Cys Ala Thr Thr   Gly Gly Cys Ala Gly   Cys Cys Gly
    11435                 11440                 11445

Ala Gly   Cys Cys Gly Gly Cys   Gly Cys Gly Cys Cys   Thr Thr Gly
    11450                 11455                 11460

Gly Ala   Gly Gly Cys Cys Gly   Cys Cys Thr Ala Cys   Gly Gly Thr
    11465                 11470                 11475

Thr Cys   Ala Gly Ala Gly Gly   Ala Cys Thr Thr Gly   Gly Ala Thr
    11480                 11485                 11490

Gly Ala   Gly Gly Ala Ala Gly   Ala Gly Gly Ala Ala   Gly Ala Gly
    11495                 11500                 11505

Gly Ala   Gly Gly Ala Gly Gly   Ala Thr Gly Cys Ala   Cys Cys Cys
    11510                 11515                 11520

Gly Cys   Thr Gly Cys Gly Gly   Gly Gly Thr Ala Cys   Thr Gly Ala
    11525                 11530                 11535

Cys Gly   Cys Cys Thr Cys Cys   Gly Thr Gly Ala Thr   Gly Thr Gly
    11540                 11545                 11550
```

```
Thr Thr   Thr Thr Thr Ala Gly   Ala Thr Gly Thr Cys   Cys Cys Ala
    11555                 11560                 11565


Gly Cys   Ala Ala Gly Cys Cys   Cys Cys Gly Gly Ala   Cys Cys Cys
    11570                 11575                 11580


Cys Gly   Cys Cys Ala Thr Ala   Ala Gly Gly Gly Cys   Gly Gly Cys
    11585                 11590                 11595


Gly Cys   Thr Gly Cys Ala Ala   Ala Gly Cys Cys Ala   Gly Cys Cys
    11600                 11605                 11610


Gly Thr   Cys Cys Gly Gly Thr   Cys Thr Ala Gly Cys   Ala Thr Cys
    11615                 11620                 11625


Gly Gly   Ala Cys Gly Ala Cys   Thr Gly Gly Gly Ala   Gly Gly Cys
    11630                 11635                 11640


Cys Gly   Cys Gly Ala Thr Gly   Cys Ala Ala Cys Gly   Cys Ala Thr
    11645                 11650                 11655


Cys Ala   Thr Gly Gly Cys Cys   Cys Thr Gly Ala Cys   Gly Ala Cys
    11660                 11665                 11670


Cys Cys   Gly Cys Ala Ala Cys   Cys Cys Cys Gly Ala   Gly Thr Cys
    11675                 11680                 11685


Cys Thr   Thr Thr Ala Gly Ala   Cys Ala Ala Cys Ala   Gly Cys Cys
    11690                 11695                 11700


Gly Cys   Ala Gly Gly Cys Cys   Ala Ala Cys Ala Gly   Ala Cys Thr
    11705                 11710                 11715


Cys Thr   Cys Gly Gly Cys Cys   Ala Thr Thr Cys Thr   Gly Gly Ala
    11720                 11725                 11730
```

```
Gly Gly   Cys Gly Gly Thr Gly   Gly Thr Cys Cys Cys   Cys Thr Cys
    11735                 11740                 11745

Thr Cys   Gly Gly Ala Cys Cys   Ala Ala Cys Cys Cys   Cys Ala Cys
    11750                 11755                 11760

Gly Cys   Ala Cys Gly Ala Gly   Ala Ala Gly Gly Thr   Gly Cys Thr
    11765                 11770                 11775

Gly Gly   Cys Gly Ala Thr Cys   Gly Thr Gly Ala Ala   Cys Gly Cys
    11780                 11785                 11790

Gly Cys   Thr Gly Gly Cys Gly   Gly Ala Gly Ala Ala   Cys Ala Ala
    11795                 11800                 11805

Gly Gly   Cys Cys Ala Thr Cys   Cys Gly Thr Cys Cys   Cys Gly Ala
    11810                 11815                 11820

Cys Gly   Ala Gly Gly Cys Cys   Gly Gly Gly Cys Thr   Gly Gly Thr
    11825                 11830                 11835

Gly Thr   Ala Cys Ala Ala Cys   Gly Cys Cys Cys Thr   Gly Cys Thr
    11840                 11845                 11850

Gly Gly   Ala Gly Cys Gly Cys   Gly Thr Gly Gly Gly   Cys Cys Gly
    11855                 11860                 11865

Cys Thr   Ala Cys Ala Ala Cys   Ala Gly Cys Ala Cys   Gly Ala Ala
    11870                 11875                 11880

Cys Gly   Thr Gly Cys Ala Gly   Thr Cys Cys Ala Ala   Cys Cys Thr
    11885                 11890                 11895

Gly Gly   Ala Thr Cys Gly Gly   Cys Thr Gly Gly Thr   Gly Ala Cys
    11900                 11905                 11910

Gly Gly   Ala Cys Gly Thr Gly   Cys Gly Cys Gly Ala   Gly Gly Cys
    11915                 11920                 11925
```

```
Cys Gly   Thr Gly Gly Cys Gly   Cys Ala Gly Cys Gly   Cys Gly Ala
    11930                 11935                 11940

Gly Cys   Gly Gly Thr Thr Cys   Ala Ala Gly Ala Ala   Cys Gly Ala
    11945                 11950                 11955

Gly Gly   Gly Cys Cys Thr Gly   Gly Gly Cys Thr Cys   Gly Cys Thr
    11960                 11965                 11970

Gly Gly   Thr Gly Gly Cys Gly   Cys Thr Gly Ala Ala   Cys Gly Cys
    11975                 11980                 11985

Cys Thr   Thr Cys Cys Thr Gly   Gly Cys Gly Ala Cys   Gly Cys Ala
    11990                 11995                 12000

Gly Cys   Cys Gly Gly Cys Gly   Ala Ala Cys Gly Thr   Gly Cys Cys
    12005                 12010                 12015

Gly Cys   Gly Cys Gly Gly Gly   Cys Ala Gly Gly Ala   Cys Gly Ala
    12020                 12025                 12030

Thr Thr   Ala Cys Ala Cys Cys   Ala Ala Cys Thr Thr   Thr Ala Thr
    12035                 12040                 12045

Cys Ala   Gly Cys Gly Cys Gly   Cys Thr Gly Cys Gly   Gly Cys Thr
    12050                 12055                 12060

Gly Ala   Thr Gly Gly Thr Gly   Ala Cys Cys Gly Ala   Gly Gly Thr
    12065                 12070                 12075

Gly Cys   Cys Cys Cys Ala Gly   Ala Gly Cys Gly Ala   Gly Gly Thr
    12080                 12085                 12090

Gly Thr   Ala Cys Cys Ala Gly   Thr Cys Thr Gly Gly   Cys Cys Cys
    12095                 12100                 12105
```

```
Gly Gly   Ala Cys Thr Ala Cys   Thr Thr Thr Thr Thr   Cys Cys Ala
    12110                12115                12120


Gly Ala   Cys Gly Ala Gly Cys   Cys Gly Gly Cys Ala   Gly Gly Gly
    12125                12130                12135


Cys Thr   Thr Gly Cys Ala Gly   Ala Cys Gly Gly Thr   Gly Ala Ala
    12140                12145                12150


Cys Cys   Thr Gly Ala Gly Cys   Cys Ala Gly Gly Cys   Thr Thr Thr
    12155                12160                12165


Cys Ala   Ala Gly Ala Ala Thr   Cys Thr Gly Cys Gly   Cys Gly Gly
    12170                12175                12180


Gly Cys   Thr Gly Thr Gly Gly   Gly Gly Cys Gly Thr   Gly Cys Ala
    12185                12190                12195


Gly Gly   Cys Gly Cys Cys Cys   Gly Thr Gly Gly Gly   Cys Gly Ala
    12200                12205                12210


Cys Cys   Gly Gly Thr Cys Ala   Ala Cys Gly Gly Thr   Gly Ala Gly
    12215                12220                12225


Cys Ala   Gly Cys Thr Thr Gly   Cys Thr Gly Ala Cys   Gly Cys Cys
    12230                12235                12240


Cys Ala   Ala Cys Thr Cys Gly   Cys Gly Gly Cys Thr   Gly Cys Thr
    12245                12250                12255


Gly Cys   Thr Gly Cys Thr Gly   Cys Thr Gly Ala Thr   Cys Gly Cys
    12260                12265                12270


Gly Cys   Cys Cys Thr Thr Cys   Ala Cys Cys Gly Ala   Cys Ala Gly
    12275                12280                12285


Cys Gly   Gly Cys Ala Gly Cys   Gly Thr Gly Ala Ala   Cys Cys Gly
    12290                12295                12300
```

```
Cys Ala   Ala Cys Thr Cys Gly   Thr Ala Cys Cys Thr   Gly Gly Gly
    12305                12310                12315

Cys Cys   Ala Thr Cys Thr Gly   Cys Thr Gly Ala Cys   Gly Cys Thr
    12320                12325                12330

Gly Thr   Ala Cys Cys Gly Cys   Gly Ala Gly Gly Cys   Cys Ala Thr
    12335                12340                12345

Ala Gly   Gly Cys Cys Ala Gly   Gly Cys Gly Cys Ala   Gly Gly Thr
    12350                12355                12360

Gly Gly   Ala Cys Gly Ala Gly   Cys Ala Gly Ala Cys   Cys Thr Thr
    12365                12370                12375

Cys Cys   Ala Gly Gly Ala Gly   Ala Thr Cys Ala Cys   Thr Ala Gly
    12380                12385                12390

Cys Gly   Thr Gly Ala Gly Cys   Cys Gly Cys Gly Cys   Gly Cys Thr
    12395                12400                12405

Gly Gly   Gly Gly Cys Ala Gly   Ala Ala Cys Gly Ala   Cys Ala Cys
    12410                12415                12420

Cys Gly   Ala Cys Ala Gly Thr   Cys Thr Gly Ala Gly   Gly Gly Cys
    12425                12430                12435

Cys Ala   Cys Cys Cys Thr Gly   Ala Ala Cys Thr Thr   Thr Thr Thr
    12440                12445                12450

Gly Cys   Thr Gly Ala Cys Cys   Ala Ala Thr Ala Gly   Ala Cys Ala
    12455                12460                12465

Gly Cys   Ala Gly Ala Ala Gly   Ala Thr Cys Cys Cys   Gly Gly Cys
    12470                12475                12480
```

```
Gly Cys   Ala Gly Thr Ala Cys   Gly Cys Ala Cys Thr   Gly Thr Cys
    12485                 12490                 12495


Gly Gly   Cys Cys Gly Ala Gly   Gly Ala Gly Gly Ala   Ala Ala Gly
    12500                 12505                 12510


Gly Ala   Thr Thr Cys Thr Gly   Ala Gly Ala Thr Ala   Thr Gly Thr
    12515                 12520                 12525


Gly Cys   Ala Gly Cys Ala Gly   Ala Gly Cys Gly Thr   Ala Gly Gly
    12530                 12535                 12540


Gly Cys   Thr Gly Thr Thr Cys   Cys Thr Gly Ala Thr   Gly Cys Ala
    12545                 12550                 12555


Gly Gly   Ala Gly Gly Gly Thr   Gly Cys Cys Ala Cys   Cys Cys Cys
    12560                 12565                 12570


Cys Ala   Gly Cys Gly Cys Cys   Gly Cys Gly Cys Thr   Gly Gly Ala
    12575                 12580                 12585


Cys Ala   Thr Gly Ala Cys Cys   Gly Cys Gly Cys Gly   Cys Ala Ala
    12590                 12595                 12600


Cys Ala   Thr Gly Gly Ala Ala   Cys Cys Thr Ala Gly   Cys Ala Thr
    12605                 12610                 12615


Gly Thr   Ala Cys Gly Cys Cys   Gly Cys Cys Ala Ala   Cys Cys Gly
    12620                 12625                 12630


Gly Cys   Cys Gly Thr Thr Cys   Ala Thr Cys Ala Ala   Thr Ala Ala
    12635                 12640                 12645


Gly Cys   Thr Gly Ala Thr Gly   Gly Ala Cys Thr Ala   Cys Thr Thr
    12650                 12655                 12660


Gly Cys   Ala Cys Cys Gly Cys   Gly Cys Gly Gly Cys   Gly Gly Cys
    12665                 12670                 12675
```

```
Cys Ala   Thr Gly Ala Ala Cys   Ala Cys Gly Gly Ala   Cys Thr Ala
    12680                12685                12690

Cys Thr   Thr Thr Ala Cys Cys   Ala Ala Cys Gly Cys   Cys Ala Thr
    12695                12700                12705

Cys Cys   Thr Gly Ala Ala Cys   Cys Cys Gly Cys Ala   Cys Thr Gly
    12710                12715                12720

Gly Cys   Thr Cys Cys Cys Gly   Cys Cys Gly Cys Cys   Gly Gly Gly
    12725                12730                12735

Gly Thr   Thr Cys Thr Ala Cys   Ala Cys Gly Gly Gly   Cys Gly Ala
    12740                12745                12750

Gly Thr   Ala Cys Gly Ala Cys   Ala Thr Gly Cys Cys   Cys Gly Ala
    12755                12760                12765

Cys Cys   Cys Cys Ala Ala Cys   Gly Ala Cys Gly Gly   Gly Thr Thr
    12770                12775                12780

Cys Cys   Thr Gly Thr Gly Gly   Gly Ala Cys Gly Ala   Cys Gly Thr
    12785                12790                12795

Gly Gly   Ala Cys Ala Gly Cys   Gly Cys Gly Gly Thr   Gly Thr Thr
    12800                12805                12810

Cys Thr   Cys Gly Cys Cys Gly   Ala Cys Cys Thr Thr   Thr Cys Ala
    12815                12820                12825

Ala Ala   Ala Gly Cys Gly Cys   Cys Ala Gly Gly Ala   Gly Gly Cys
    12830                12835                12840

Gly Cys   Cys Gly Cys Cys Gly   Ala Gly Cys Gly Ala   Gly Gly Gly
    12845                12850                12855
```

```
Cys Gly   Cys Gly Gly Thr Gly   Gly Gly Gly Ala Gly   Gly Ala Gly
    12860                 12865                 12870

Cys Cys   Cys Cys Thr Thr Thr   Cys Cys Thr Ala Gly   Cys Thr Thr
    12875                 12880                 12885

Ala Gly   Gly Gly Ala Gly Thr   Thr Thr Gly Cys Ala   Thr Ala Gly
    12890                 12895                 12900

Cys Thr   Thr Gly Cys Cys Gly   Gly Gly Cys Thr Cys   Gly Gly Thr
    12905                 12910                 12915

Gly Ala   Ala Cys Ala Gly Cys   Gly Gly Cys Ala Gly   Gly Gly Thr
    12920                 12925                 12930

Gly Ala   Gly Cys Cys Gly Gly   Cys Cys Gly Cys Gly   Cys Thr Thr
    12935                 12940                 12945

Gly Cys   Thr Gly Gly Gly Cys   Gly Ala Gly Gly Ala   Cys Gly Ala
    12950                 12955                 12960

Gly Thr   Ala Cys Cys Thr Gly   Ala Ala Cys Gly Ala   Cys Thr Cys
    12965                 12970                 12975

Gly Cys   Thr Gly Cys Thr Gly   Cys Ala Gly Cys Cys   Gly Cys Cys
    12980                 12985                 12990

Gly Cys   Gly Gly Gly Cys Cys   Ala Ala Gly Ala Ala   Cys Gly Cys
    12995                 13000                 13005

Cys Ala   Thr Gly Gly Cys Cys   Ala Ala Thr Ala Ala   Cys Gly Gly
    13010                 13015                 13020

Gly Ala   Thr Ala Gly Ala Gly   Ala Gly Thr Cys Thr   Gly Gly Thr
    13025                 13030                 13035

Gly Gly   Ala Cys Ala Ala Ala   Cys Thr Gly Ala Ala   Cys Cys Gly
    13040                 13045                 13050
```

```
Cys Thr   Gly Gly Ala Ala Gly   Ala Cys Cys Thr Ala   Cys Gly Cys
    13055                 13060                 13065


Thr Cys   Ala Gly Gly Ala Cys   Cys Ala Thr Ala Gly   Gly Gly Ala
    13070                 13075                 13080


Cys Gly   Cys Gly Cys Cys Cys   Gly Cys Gly Cys Cys   Gly Cys Gly
    13085                 13090                 13095


Gly Cys   Gly Ala Cys Ala Gly   Cys Gly Cys Cys Ala   Cys Gly Ala
    13100                 13105                 13110


Cys Cys   Gly Gly Cys Ala Gly   Cys Gly Gly Gly Gly   Cys Cys Thr
    13115                 13120                 13125


Gly Gly   Thr Gly Thr Gly Gly   Gly Ala Cys Gly Ala   Cys Gly Ala
    13130                 13135                 13140


Gly Gly   Ala Cys Thr Cys Gly   Gly Cys Cys Gly Ala   Cys Gly Ala
    13145                 13150                 13155


Thr Ala   Gly Cys Ala Gly Cys   Gly Thr Gly Thr Thr   Gly Gly Ala
    13160                 13165                 13170


Cys Thr   Thr Gly Gly Gly Cys   Gly Gly Gly Ala Gly   Cys Gly Gly
    13175                 13180                 13185


Thr Gly   Gly Gly Gly Thr Cys   Ala Ala Cys Cys Cys   Gly Thr Thr
    13190                 13195                 13200


Cys Gly   Cys Gly Cys Ala Thr   Cys Thr Gly Cys Ala   Gly Cys Cys
    13205                 13210                 13215


Cys Ala   Ala Ala Cys Thr Gly   Gly Gly Gly Cys Gly   Ala Cys Gly
    13220                 13225                 13230
```

```
Gly Ala   Thr Gly Thr Thr Thr   Thr Gly Ala Ala Thr   Gly Ala Ala
    13235                 13240                 13245


Ala Thr   Ala Ala Ala Ala Cys   Thr Cys Ala Cys Cys   Ala Ala Gly
    13250                 13255                 13260


Gly Cys   Cys Ala Thr Ala Gly   Cys Gly Thr Gly Cys   Gly Thr Thr
    13265                 13270                 13275


Cys Thr   Cys Thr Thr Cys Cys   Thr Thr Gly Thr Thr   Ala Gly Ala
    13280                 13285                 13290


Gly Ala   Thr Gly Ala Gly Gly   Cys Gly Cys Gly Cys   Gly Gly Thr
    13295                 13300                 13305


Gly Gly   Thr Gly Thr Cys Thr   Thr Cys Cys Thr Cys   Thr Cys Cys
    13310                 13315                 13320


Thr Cys   Cys Thr Cys Cys Cys   Thr Cys Gly Thr Ala   Cys Gly Ala
    13325                 13330                 13335


Gly Ala   Gly Cys Gly Thr Gly   Ala Thr Gly Gly Cys   Gly Cys Ala
    13340                 13345                 13350


Gly Gly   Cys Gly Ala Cys Cys   Cys Thr Gly Gly Ala   Gly Gly Thr
    13355                 13360                 13365


Thr Cys   Cys Gly Thr Thr Thr   Gly Thr Gly Cys Cys   Thr Cys Cys
    13370                 13375                 13380


Gly Cys   Gly Gly Thr Ala Thr   Ala Thr Gly Gly Cys   Thr Cys Cys
    13385                 13390                 13395


Thr Ala   Cys Gly Gly Ala Gly   Gly Gly Cys Ala Gly   Ala Ala Ala
    13400                 13405                 13410


Cys Ala   Gly Cys Ala Thr Thr   Cys Gly Thr Thr Ala   Cys Thr Cys
    13415                 13420                 13425
```

```
Gly Gly   Ala Gly Cys Thr Gly   Gly Cys Thr Cys Cys   Gly Cys Ala
    13430                 13435                 13440

Gly Thr   Ala Cys Gly Ala Cys   Ala Cys Cys Ala Cys   Thr Cys Gly
    13445                 13450                 13455

Cys Gly   Thr Gly Thr Ala Cys   Thr Thr Gly Gly Thr   Gly Gly Ala
    13460                 13465                 13470

Cys Ala   Ala Cys Ala Ala Gly   Thr Cys Gly Gly Cys   Gly Gly Ala
    13475                 13480                 13485

Cys Ala   Thr Cys Gly Cys Thr   Thr Cys Cys Cys Thr   Gly Ala Ala
    13490                 13495                 13500

Cys Thr   Ala Cys Cys Ala Ala   Ala Ala Cys Gly Ala   Cys Cys Ala
    13505                 13510                 13515

Cys Ala   Gly Cys Ala Ala Cys   Thr Thr Cys Cys Thr   Gly Ala Cys
    13520                 13525                 13530

Cys Ala   Cys Gly Gly Thr Gly   Gly Thr Gly Cys Ala   Gly Ala Ala
    13535                 13540                 13545

Cys Ala   Ala Cys Gly Ala Thr   Thr Thr Cys Ala Cys   Cys Cys Cys
    13550                 13555                 13560

Cys Gly   Cys Cys Gly Ala Gly   Gly Cys Cys Ala Gly   Cys Ala Cys
    13565                 13570                 13575

Gly Cys   Ala Gly Ala Cys Gly   Ala Thr Ala Ala Ala   Thr Thr Thr
    13580                 13585                 13590

Thr Gly   Ala Cys Gly Ala Gly   Cys Gly Gly Thr Cys   Gly Cys Gly
    13595                 13600                 13605
```

```
Gly Thr   Gly Gly Gly Gly Cys   Gly Gly Thr Gly Ala   Thr Cys Thr
    13610                 13615                 13620

Gly Ala   Ala Gly Ala Cys Cys   Ala Thr Thr Cys Thr   Gly Cys Ala
    13625                 13630                 13635

Cys Ala   Cys Thr Ala Ala Cys   Ala Thr Gly Cys Cys   Cys Ala Ala
    13640                 13645                 13650

Thr Gly   Thr Gly Ala Ala Cys   Gly Ala Gly Thr Ala   Cys Ala Thr
    13655                 13660                 13665

Gly Thr   Thr Cys Ala Cys Cys   Ala Gly Cys Ala Ala   Gly Thr Thr
    13670                 13675                 13680

Thr Ala   Ala Gly Gly Cys Gly   Cys Gly Gly Gly Thr   Gly Ala Thr
    13685                 13690                 13695

Gly Gly   Thr Gly Thr Cys Thr   Ala Gly Gly Ala Ala   Gly Cys Ala
    13700                 13705                 13710

Thr Cys   Cys Ala Gly Ala Gly   Gly Gly Gly Gly Thr   Ala Gly Thr
    13715                 13720                 13725

Thr Gly   Ala Ala Ala Cys Ala   Gly Ala Thr Thr Thr   Gly Ala Gly
    13730                 13735                 13740

Thr Cys   Ala Gly Gly Ala Thr   Ala Ala Gly Cys Thr   Thr Gly Ala
    13745                 13750                 13755

Ala Thr   Ala Thr Gly Ala Gly   Thr Gly Gly Thr Thr   Thr Gly Ala
    13760                 13765                 13770

Gly Thr   Thr Thr Ala Cys Cys   Cys Thr Gly Cys Cys   Cys Gly Ala
    13775                 13780                 13785

Gly Gly   Gly Ala Ala Ala Cys   Thr Thr Thr Thr Cys   Cys Gly Ala
    13790                 13795                 13800
```

```
Gly Ala   Cys Cys Ala Thr Gly   Ala Cys Cys Ala Thr   Ala Gly Ala
    13805                 13810                 13815

Cys Cys   Thr Gly Ala Thr Gly   Ala Ala Cys Ala Ala   Cys Gly Cys
    13820                 13825                 13830

Cys Ala   Thr Cys Thr Thr Gly   Gly Ala Ala Ala Ala   Cys Thr Ala
    13835                 13840                 13845

Cys Thr   Thr Gly Cys Ala Ala   Gly Thr Gly Gly Gly   Gly Cys Gly
    13850                 13855                 13860

Gly Cys   Ala Gly Ala Ala Thr   Gly Gly Cys Gly Thr   Gly Cys Thr
    13865                 13870                 13875

Gly Gly   Ala Gly Ala Gly Cys   Gly Ala Thr Ala Thr   Cys Gly Gly
    13880                 13885                 13890

Ala Gly   Thr Cys Ala Ala Gly   Thr Thr Thr Gly Ala   Cys Ala Gly
    13895                 13900                 13905

Cys Ala   Gly Ala Ala Ala Thr   Thr Thr Cys Ala Ala   Gly Cys Thr
    13910                 13915                 13920

Gly Gly   Gly Cys Thr Gly Gly   Gly Ala Cys Cys Cys   Gly Gly Thr
    13925                 13930                 13935

Gly Ala   Cys Cys Ala Ala Gly   Cys Thr Gly Gly Thr   Gly Ala Thr
    13940                 13945                 13950

Gly Cys   Cys Ala Gly Gly Gly   Gly Thr Cys Thr Ala   Cys Ala Cys
    13955                 13960                 13965

Cys Thr   Ala Cys Gly Ala Gly   Gly Cys Cys Thr Thr   Cys Cys Ala
    13970                 13975                 13980
```

```
Cys Cys   Cys Gly Gly Ala Cys   Gly Thr Gly Gly Thr   Gly Cys Thr
    13985                 13990                 13995


Gly Cys   Thr Gly Cys Cys Gly   Gly Gly Cys Thr Gly   Cys Gly Gly
    14000                 14005                 14010


Gly Gly   Thr Gly Gly Ala Cys   Thr Thr Cys Ala Cys   Cys Gly Ala
    14015                 14020                 14025


Gly Ala   Gly Cys Cys Gly Cys   Cys Thr Gly Ala Gly   Cys Ala Ala
    14030                 14035                 14040


Cys Cys   Thr Cys Cys Thr Gly   Gly Gly Cys Ala Thr   Thr Cys Gly
    14045                 14050                 14055


Cys Ala   Ala Gly Ala Ala Gly   Cys Ala Ala Cys Cys   Thr Thr Thr
    14060                 14065                 14070


Cys Cys   Ala Ala Gly Ala Gly   Gly Gly Cys Thr Thr   Cys Ala Gly
    14075                 14080                 14085


Ala Ala   Thr Cys Ala Thr Gly   Thr Ala Thr Gly Ala   Gly Gly Ala
    14090                 14095                 14100


Thr Cys   Thr Ala Gly Ala Ala   Gly Gly Thr Gly Gly   Cys Ala Ala
    14105                 14110                 14115


Cys Ala   Thr Cys Cys Cys Cys   Gly Cys Cys Cys Thr   Cys Cys Thr
    14120                 14125                 14130


Thr Gly   Ala Thr Gly Thr Gly   Cys Cys Cys Ala Ala   Gly Thr Ala
    14135                 14140                 14145


Cys Thr   Thr Gly Gly Ala Ala   Ala Gly Cys Ala Ala   Gly Ala Ala
    14150                 14155                 14160


Gly Ala   Ala Ala Gly Thr Thr   Gly Ala Ala Gly Ala   Cys Gly Ala
    14165                 14170                 14175
```

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Ala Ala   Cys Thr Ala Ala Ala   Ala Ala Thr Gly Cys   Ala Gly Cys
    14180                 14185                 14190

Thr Gly   Cys Gly Gly Cys Cys   Ala Cys Ala Gly Cys   Cys Gly Ala
    14195                 14200                 14205

Thr Ala   Cys Ala Ala Cys Cys   Ala Cys Thr Ala Gly   Gly Gly Gly
    14210                 14215                 14220

Thr Gly   Ala Thr Ala Cys Ala   Thr Thr Thr Gly Cys   Ala Ala Cys
    14225                 14230                 14235

Thr Cys   Cys Ala Gly Cys Gly   Cys Ala Ala Gly Ala   Gly Ala Cys
    14240                 14245                 14250

Ala Gly   Cys Ala Gly Cys Thr   Gly Ala Thr Ala Ala   Gly Ala Ala
    14255                 14260                 14265

Gly Gly   Thr Ala Gly Ala Ala   Gly Thr Cys Thr Thr   Gly Cys Cys
    14270                 14275                 14280

Cys Ala   Thr Thr Gly Ala Ala   Ala Ala Gly Gly Ala   Thr Gly Ala
    14285                 14290                 14295

Gly Ala   Gly Thr Gly Gly Thr   Ala Gly Ala Ala Gly   Thr Thr Ala
    14300                 14305                 14310

Cys Ala   Ala Cys Cys Thr Gly   Ala Thr Cys Cys Ala   Gly Gly Gly
    14315                 14320                 14325

Gly Ala   Cys Cys Cys Ala Cys   Gly Ala Cys Ala Cys   Gly Cys Thr
    14330                 14335                 14340

Gly Thr   Ala Cys Cys Gly Cys   Ala Gly Thr Thr Gly   Gly Thr Ala
    14345                 14350                 14355
```

```
Cys Cys   Thr Gly Thr Cys Cys   Thr Ala Thr Ala Cys   Cys Thr Ala
    14360                 14365                 14370

Cys Gly   Gly Gly Gly Ala Cys   Cys Cys Cys Gly Ala   Gly Ala Ala
    14375                 14380                 14385

Gly Gly   Gly Gly Gly Thr Gly   Cys Ala Gly Thr Cys   Gly Thr Gly
    14390                 14395                 14400

Gly Ala   Cys Gly Cys Thr Gly   Cys Thr Cys Ala Cys   Cys Ala Cys
    14405                 14410                 14415

Cys Cys   Cys Gly Gly Ala Cys   Gly Thr Thr Ala Cys   Cys Thr Gly
    14420                 14425                 14430

Cys Gly   Gly Cys Gly Cys Gly   Gly Ala Gly Cys Ala   Ala Gly Thr
    14435                 14440                 14445

Cys Thr   Ala Cys Thr Gly Gly   Thr Cys Ala Cys Thr   Gly Cys Cys
    14450                 14455                 14460

Gly Gly   Ala Cys Cys Thr Cys   Ala Thr Gly Cys Ala   Ala Gly Ala
    14465                 14470                 14475

Cys Cys   Cys Cys Gly Thr Cys   Ala Cys Cys Thr Thr   Cys Cys Gly
    14480                 14485                 14490

Cys Thr   Cys Cys Ala Cys Cys   Cys Ala Gly Cys Ala   Ala Gly Thr
    14495                 14500                 14505

Cys Ala   Gly Cys Ala Ala Cys   Thr Ala Cys Cys Cys   Cys Gly Thr
    14510                 14515                 14520

Gly Gly   Thr Cys Gly Gly Cys   Gly Cys Cys Gly Ala   Gly Cys Thr
    14525                 14530                 14535

Cys Ala   Thr Gly Cys Cys Cys   Thr Thr Cys Cys Gly   Cys Gly Cys
    14540                 14545                 14550
```

```
Cys Ala   Ala Gly Ala Gly Cys   Thr Thr Thr Thr Ala   Cys Ala Ala
    14555                 14560                 14565

Cys Gly   Ala Cys Cys Thr Cys   Gly Cys Cys Gly Thr   Cys Thr Ala
    14570                 14575                 14580

Cys Thr   Cys Cys Cys Ala Gly   Cys Thr Cys Ala Thr   Cys Cys Gly
    14585                 14590                 14595

Cys Ala   Gly Cys Thr Ala Cys   Ala Cys Cys Thr Cys   Cys Cys Thr
    14600                 14605                 14610

Cys Ala   Cys Cys Cys Ala Cys   Gly Thr Cys Thr Thr   Cys Ala Ala
    14615                 14620                 14625

Cys Cys   Gly Cys Thr Thr Cys   Cys Cys Cys Gly Ala   Cys Ala Ala
    14630                 14635                 14640

Cys Cys   Ala Gly Ala Thr Cys   Cys Thr Cys Thr Gly   Cys Cys Gly
    14645                 14650                 14655

Cys Cys   Cys Gly Cys Cys Cys   Gly Cys Gly Cys Cys   Cys Ala Cys
    14660                 14665                 14670

Cys Ala   Thr Cys Ala Cys Cys   Ala Cys Cys Gly Thr   Cys Ala Gly
    14675                 14680                 14685

Thr Gly   Ala Ala Ala Ala Cys   Gly Thr Gly Cys Cys   Thr Gly Cys
    14690                 14695                 14700

Thr Cys   Thr Cys Ala Cys Ala   Gly Ala Thr Cys Ala   Cys Gly Gly
    14705                 14710                 14715

Gly Ala   Cys Gly Cys Thr Ala   Cys Cys Gly Cys Thr   Gly Cys Gly
    14720                 14725                 14730
```

```
Cys Ala   Gly Cys Ala Gly Thr   Ala Thr Cys Cys Gly   Cys Gly Gly
    14735                 14740                 14745

Ala Gly   Thr Cys Cys Ala Gly   Cys Gly Ala Gly Thr   Gly Ala Cys
    14750                 14755                 14760

Cys Gly   Thr Cys Ala Cys Thr   Gly Ala Cys Gly Cys   Cys Cys Gly
    14765                 14770                 14775

Thr Cys   Gly Cys Cys Gly Cys   Ala Cys Cys Thr Gly   Thr Cys Cys
    14780                 14785                 14790

Cys Thr   Ala Cys Gly Thr Cys   Thr Ala Cys Ala Ala   Gly Gly Cys
    14795                 14800                 14805

Cys Cys   Thr Gly Gly Gly Cys   Ala Thr Ala Gly Thr   Cys Gly Cys
    14810                 14815                 14820

Gly Cys   Cys Gly Cys Gly Cys   Gly Thr Gly Cys Thr   Thr Thr Cys
    14825                 14830                 14835

Cys Ala   Gly Thr Cys Gly Cys   Ala Cys Cys Thr Thr   Cys Thr Ala
    14840                 14845                 14850

Ala Ala   Ala Ala Ala Ala Thr   Gly Thr Cys Thr Ala   Thr Thr Cys
    14855                 14860                 14865

Thr Cys   Ala Thr Cys Thr Cys   Gly Cys Cys Cys Ala   Gly Cys Ala
    14870                 14875                 14880

Ala Thr   Ala Ala Cys Ala Cys   Cys Gly Gly Cys Thr   Gly Gly Gly
    14885                 14890                 14895

Gly Thr   Cys Thr Thr Ala Cys   Thr Ala Gly Ala Cys   Cys Cys Ala
    14900                 14905                 14910

Gly Cys   Ala Cys Cys Ala Thr   Gly Thr Ala Cys Gly   Gly Ala Gly
    14915                 14920                 14925
```

```
Gly Ala   Gly Cys Cys Ala Ala   Gly Ala Ala Gly Cys   Gly Cys Thr
    14930                 14935                 14940

Cys Cys   Cys Ala Gly Cys Ala   Gly Cys Ala Cys Cys   Cys Cys Gly
    14945                 14950                 14955

Thr Cys   Cys Gly Cys Gly Thr   Cys Cys Gly Cys Gly   Gly Cys Cys
    14960                 14965                 14970

Ala Cys   Thr Thr Cys Cys Gly   Cys Gly Cys Thr Cys   Cys Cys Thr
    14975                 14980                 14985

Gly Gly   Gly Gly Cys Gly Cys   Ala Thr Ala Cys Ala   Ala Gly Cys
    14990                 14995                 15000

Gly Cys   Gly Gly Gly Cys Gly   Gly Ala Cys Thr Thr   Cys Cys Ala
    15005                 15010                 15015

Cys Cys   Gly Cys Cys Gly Cys   Cys Gly Thr Gly Cys   Gly Cys Ala
    15020                 15025                 15030

Cys Cys   Ala Cys Cys Gly Thr   Cys Gly Ala Cys Gly   Ala Cys Gly
    15035                 15040                 15045

Thr Cys   Ala Thr Cys Gly Ala   Cys Thr Cys Gly Gly   Thr Gly Gly
    15050                 15055                 15060

Thr Cys   Gly Cys Cys Gly Ala   Cys Gly Cys Gly Cys   Gly Cys Ala
    15065                 15070                 15075

Ala Cys   Thr Ala Thr Ala Cys   Cys Cys Cys Cys Gly   Cys Cys Cys
    15080                 15085                 15090

Cys Cys   Thr Cys Cys Ala Cys   Cys Gly Thr Gly Gly   Ala Cys Gly
    15095                 15100                 15105
```

```
Cys Gly   Gly Thr Cys Ala Thr   Cys Gly Ala Cys Ala   Gly Cys Gly
    15110                15115                15120


Thr Gly   Gly Thr Gly Gly Cys   Cys Gly Ala Cys Gly   Cys Gly Cys
    15125                15130                15135


Gly Cys   Gly Ala Cys Thr Ala   Thr Gly Cys Cys Ala   Gly Ala Cys
    15140                15145                15150


Gly Cys   Ala Ala Gly Ala Gly   Cys Cys Gly Gly Cys   Gly Gly Cys
    15155                15160                15165


Gly Ala   Cys Gly Gly Ala Thr   Cys Gly Cys Cys Ala   Gly Gly Cys
    15170                15175                15180


Gly Cys   Cys Ala Cys Cys Gly   Gly Ala Gly Cys Ala   Cys Gly Cys
    15185                15190                15195


Cys Cys   Gly Cys Cys Ala Thr   Gly Cys Gly Cys Gly   Cys Cys Gly
    15200                15205                15210


Cys Cys   Cys Gly Gly Gly Cys   Thr Cys Thr Gly Cys   Thr Gly Cys
    15215                15220                15225


Gly Cys   Cys Gly Cys Gly Cys   Cys Ala Gly Ala Cys   Gly Cys Ala
    15230                15235                15240


Cys Gly   Gly Gly Cys Cys Gly   Cys Cys Gly Gly Gly   Cys Cys Ala
    15245                15250                15255


Thr Gly   Ala Thr Gly Cys Gly   Ala Gly Cys Cys Gly   Cys Gly Cys
    15260                15265                15270


Gly Cys   Cys Gly Cys Gly Cys   Thr Gly Cys Cys Ala   Cys Thr Gly
    15275                15280                15285


Cys Ala   Cys Cys Cys Ala Cys   Cys Cys Cys Cys Gly   Cys Ala Gly
    15290                15295                15300
```

```
Gly Cys   Ala Gly Gly Ala Cys   Thr Cys Gly Cys Ala   Gly Ala Cys
    15305                15310                15315

Gly Ala   Gly Cys Gly Gly Cys   Cys Gly Cys Cys Gly   Cys Cys Gly
    15320                15325                15330

Cys Cys   Gly Cys Thr Gly Cys   Gly Gly Cys Cys Ala   Thr Cys Thr
    15335                15340                15345

Cys Thr   Ala Gly Cys Ala Thr   Gly Ala Cys Cys Ala   Gly Ala Cys
    15350                15355                15360

Cys Cys   Ala Gly Gly Cys Gly   Cys Gly Gly Ala Ala   Ala Cys Gly
    15365                15370                15375

Thr Gly   Thr Ala Cys Thr Gly   Gly Gly Thr Gly Cys   Gly Cys Gly
    15380                15385                15390

Ala Cys   Thr Cys Cys Gly Thr   Cys Ala Cys Gly Gly   Gly Cys Gly
    15395                15400                15405

Thr Gly   Cys Gly Cys Gly Thr   Gly Cys Cys Cys Gly   Thr Gly Cys
    15410                15415                15420

Gly Cys   Ala Cys Cys Cys Gly   Thr Cys Cys Thr Cys   Cys Thr Cys
    15425                15430                15435

Gly Thr   Cys Cys Cys Thr Gly   Ala Thr Cys Thr Ala   Ala Thr Gly
    15440                15445                15450

Cys Thr   Thr Gly Thr Gly Thr   Cys Cys Thr Cys Cys   Cys Cys Cys
    15455                15460                15465

Gly Cys   Ala Ala Gly Cys Gly   Ala Cys Gly Ala Thr   Gly Thr Cys
    15470                15475                15480
```

```
Ala Ala   Ala Gly Cys Gly Cys   Ala Ala Ala Ala Thr   Cys Ala Ala
    15485                 15490                 15495

Gly Gly   Ala Gly Gly Ala Gly   Ala Thr Gly Cys Thr   Cys Cys Ala
    15500                 15505                 15510

Gly Gly   Thr Cys Gly Thr Cys   Gly Cys Cys Cys Cys   Gly Gly Ala
    15515                 15520                 15525

Gly Ala   Thr Thr Thr Ala Cys   Gly Gly Ala Cys Cys   Ala Cys Cys
    15530                 15535                 15540

Cys Cys   Ala Gly Gly Cys Gly   Gly Ala Cys Cys Ala   Gly Ala Ala
    15545                 15550                 15555

Ala Cys   Cys Cys Cys Gly Cys   Ala Ala Ala Ala Thr   Cys Ala Ala
    15560                 15565                 15570

Gly Cys   Gly Gly Gly Thr Thr   Ala Ala Ala Ala Ala   Ala Ala Ala
    15575                 15580                 15585

Gly Gly   Ala Thr Gly Ala Gly   Gly Thr Gly Gly Ala   Cys Gly Ala
    15590                 15595                 15600

Gly Gly   Gly Gly Gly Cys Ala   Gly Thr Ala Gly Ala   Gly Thr Thr
    15605                 15610                 15615

Thr Gly   Thr Gly Cys Gly Cys   Gly Ala Gly Thr Thr   Cys Gly Cys
    15620                 15625                 15630

Thr Cys   Cys Gly Cys Gly Gly   Cys Gly Gly Cys Gly   Cys Gly Thr
    15635                 15640                 15645

Ala Ala   Ala Thr Thr Gly Gly   Ala Ala Gly Gly Gly   Gly Cys Gly
    15650                 15655                 15660

Cys Ala   Gly Gly Gly Thr Gly   Cys Ala Gly Cys Gly   Cys Gly Thr
    15665                 15670                 15675
```

```
Gly Thr   Thr Gly Cys Gly Gly   Cys Cys Cys Gly Gly   Cys Ala Cys
    15680                15685                15690

Gly Gly   Cys Gly Gly Thr Gly   Gly Thr Gly Thr Thr   Cys Ala Cys
    15695                15700                15705

Gly Cys   Cys Cys Gly Gly Cys   Gly Ala Gly Cys Gly   Gly Thr Cys
    15710                15715                15720

Cys Thr   Cys Gly Gly Thr Cys   Ala Gly Gly Ala Gly   Cys Ala Ala
    15725                15730                15735

Gly Cys   Gly Thr Ala Gly Cys   Thr Ala Thr Gly Ala   Cys Gly Ala
    15740                15745                15750

Gly Gly   Thr Gly Thr Ala Cys   Gly Gly Cys Gly Ala   Cys Gly Ala
    15755                15760                15765

Cys Gly   Ala Cys Ala Thr Cys   Cys Thr Gly Gly Ala   Cys Cys Ala
    15770                15775                15780

Gly Gly   Cys Gly Gly Cys Gly   Gly Ala Gly Cys Gly   Gly Gly Cys
    15785                15790                15795

Gly Gly   Gly Cys Gly Ala Gly   Thr Thr Cys Gly Cys   Cys Thr Ala
    15800                15805                15810

Cys Gly   Gly Gly Ala Ala Gly   Cys Gly Gly Thr Cys   Gly Cys Gly
    15815                15820                15825

Cys Gly   Ala Ala Gly Ala Gly   Gly Ala Gly Cys Thr   Gly Ala Thr
    15830                15835                15840

Cys Thr   Cys Gly Cys Thr Gly   Cys Cys Gly Cys Thr   Gly Gly Ala
    15845                15850                15855
```

```
Cys Gly   Ala Ala Ala Gly Cys   Ala Ala Cys Cys Cys   Cys Ala Cys
    15860                15865                15870

Gly Cys   Cys Gly Ala Gly Cys   Cys Thr Gly Ala Ala   Gly Cys Cys
    15875                15880                15885

Cys Gly   Thr Gly Ala Cys Cys   Cys Thr Gly Cys Ala   Gly Cys Ala
    15890                15895                15900

Gly Gly   Thr Gly Cys Thr Gly   Cys Cys Cys Cys Ala   Gly Gly Cys
    15905                15910                15915

Gly Gly   Thr Gly Cys Thr Gly   Cys Thr Gly Cys Cys   Gly Ala Gly
    15920                15925                15930

Cys Cys   Gly Cys Gly Gly Gly   Gly Thr Cys Ala Ala   Gly Cys Gly
    15935                15940                15945

Cys Gly   Ala Gly Gly Gly Cys   Gly Ala Gly Ala Gly   Cys Ala Thr
    15950                15955                15960

Gly Thr   Ala Cys Cys Cys Gly   Ala Cys Cys Ala Thr   Gly Cys Ala
    15965                15970                15975

Gly Ala   Thr Cys Ala Thr Gly   Gly Thr Gly Cys Cys   Cys Ala Ala
    15980                15985                15990

Gly Cys   Gly Cys Cys Gly Gly   Cys Gly Cys Gly Thr   Gly Gly Ala
    15995                16000                16005

Gly Gly   Ala Cys Gly Thr Gly   Cys Thr Gly Gly Ala   Cys Ala Cys
    16010                16015                16020

Cys Gly   Thr Gly Ala Ala Ala   Ala Thr Gly Gly Ala   Thr Gly Thr
    16025                16030                16035

Gly Gly   Ala Gly Cys Cys Cys   Gly Ala Gly Gly Thr   Cys Ala Ala
    16040                16045                16050
```

```
Gly Gly   Thr Gly Cys Gly Cys   Cys Cys Cys Ala Thr   Cys Ala Ala
    16055                 16060                 16065


Gly Cys   Ala Gly Gly Thr Gly   Gly Cys Gly Cys Cys   Gly Gly Gly
    16070                 16075                 16080


Cys Cys   Thr Gly Gly Gly Cys   Gly Thr Gly Cys Ala   Ala Ala Cys
    16085                 16090                 16095


Cys Gly   Thr Gly Gly Ala Cys   Ala Thr Thr Cys Ala   Gly Ala Thr
    16100                 16105                 16110


Cys Cys   Cys Cys Ala Cys Cys   Gly Ala Cys Ala Thr   Gly Gly Ala
    16115                 16120                 16125


Thr Gly   Thr Cys Gly Ala Cys   Ala Ala Ala Ala Ala   Ala Cys Cys
    16130                 16135                 16140


Cys Thr   Cys Gly Ala Cys Cys   Ala Gly Cys Ala Thr   Cys Gly Ala
    16145                 16150                 16155


Gly Gly   Thr Gly Cys Ala Ala   Ala Cys Cys Gly Ala   Cys Cys Cys
    16160                 16165                 16170


Cys Thr   Gly Gly Cys Thr Cys   Cys Cys Ala Gly Cys   Cys Thr Cys
    16175                 16180                 16185


Cys Ala   Cys Cys Gly Cys Thr   Ala Cys Cys Gly Thr   Cys Thr Cys
    16190                 16195                 16200


Cys Ala   Cys Thr Thr Cys Thr   Ala Cys Cys Gly Cys   Cys Gly Cys
    16205                 16210                 16215


Cys Ala   Cys Gly Gly Cys Thr   Ala Cys Cys Gly Ala   Gly Cys Cys
    16220                 16225                 16230
```

```
Thr Cys   Cys Cys Ala Gly Gly   Ala Gly Gly Cys Gly   Ala Ala Gly
    16235                 16240                 16245

Ala Thr   Gly Gly Gly Gly Cys   Gly Cys Cys Gly Cys   Cys Ala Gly
    16250                 16255                 16260

Cys Cys   Gly Gly Cys Thr Gly   Ala Thr Gly Cys Cys   Cys Ala Ala
    16265                 16270                 16275

Cys Thr   Ala Cys Gly Thr Gly   Thr Thr Gly Cys Ala   Thr Cys Cys
    16280                 16285                 16290

Thr Thr   Cys Cys Ala Thr Cys   Ala Thr Cys Cys Cys   Gly Ala Cys
    16295                 16300                 16305

Gly Cys   Cys Gly Gly Gly Cys   Thr Ala Cys Cys Gly   Cys Gly Gly
    16310                 16315                 16320

Cys Ala   Cys Cys Cys Gly Gly   Thr Ala Cys Thr Ala   Cys Gly Cys
    16325                 16330                 16335

Cys Ala   Gly Cys Cys Gly Cys   Cys Gly Gly Cys Gly   Cys Cys Cys
    16340                 16345                 16350

Ala Gly   Cys Cys Ala Gly Cys   Ala Ala Ala Cys Gly   Cys Cys Gly
    16355                 16360                 16365

Cys Cys   Gly Cys Cys Gly Cys   Ala Cys Cys Gly Cys   Cys Ala Cys
    16370                 16375                 16380

Cys Cys   Gly Cys Cys Gly Cys   Cys Gly Thr Cys Thr   Gly Gly Cys
    16385                 16390                 16395

Cys Cys   Cys Cys Gly Cys Cys   Cys Gly Cys Gly Thr   Gly Cys Gly
    16400                 16405                 16410

Cys Cys   Gly Cys Gly Thr Gly   Ala Cys Cys Ala Cys   Gly Cys Gly
    16415                 16420                 16425
```

```
Cys Cys   Gly Gly Gly Gly Cys   Cys Gly Cys Thr Cys   Gly Cys Thr
    16430                 16435                 16440

Cys Gly   Thr Thr Cys Thr Gly   Cys Cys Cys Ala Cys   Cys Gly Thr
    16445                 16450                 16455

Gly Cys   Gly Cys Thr Ala Cys   Cys Ala Cys Cys Cys   Cys Ala Gly
    16460                 16465                 16470

Cys Ala   Thr Cys Cys Thr Thr   Thr Ala Ala Thr Cys   Cys Gly Thr
    16475                 16480                 16485

Gly Thr   Gly Cys Thr Gly Thr   Gly Ala Thr Ala Cys   Thr Gly Thr
    16490                 16495                 16500

Thr Gly   Cys Ala Gly Ala Gly   Ala Gly Ala Thr Gly   Gly Cys Thr
    16505                 16510                 16515

Cys Thr   Cys Ala Cys Thr Thr   Gly Cys Cys Gly Cys   Cys Thr Gly
    16520                 16525                 16530

Cys Gly   Cys Ala Thr Cys Cys   Cys Cys Gly Thr Cys   Cys Cys Gly
    16535                 16540                 16545

Ala Ala   Thr Thr Ala Cys Cys   Gly Ala Gly Gly Ala   Ala Gly Ala
    16550                 16555                 16560

Thr Cys   Cys Cys Gly Cys Cys   Gly Cys Ala Gly Gly   Ala Gly Ala
    16565                 16570                 16575

Gly Gly   Cys Ala Thr Gly Gly   Cys Ala Gly Gly Cys   Ala Gly Cys
    16580                 16585                 16590

Gly Gly   Cys Cys Thr Gly Ala   Ala Cys Cys Gly Cys   Cys Gly Cys
    16595                 16600                 16605
```

```
Cys Gly   Gly Cys Gly Gly Cys   Gly Gly Gly Cys Cys   Ala Thr Gly
    16610                 16615                 16620

Cys Gly   Cys Ala Gly Gly Cys   Gly Cys Cys Thr Gly   Ala Gly Thr
    16625                 16630                 16635

Gly Gly   Cys Gly Gly Cys Thr   Thr Thr Cys Thr Gly   Cys Cys Cys
    16640                 16645                 16650

Gly Cys   Gly Cys Thr Cys Ala   Thr Cys Cys Cys Cys   Ala Thr Ala
    16655                 16660                 16665

Ala Thr   Cys Gly Cys Cys Gly   Cys Gly Gly Cys Cys   Ala Thr Thr
    16670                 16675                 16680

Gly Gly   Cys Ala Cys Gly Ala   Thr Cys Cys Cys Gly   Gly Gly Cys
    16685                 16690                 16695

Ala Thr   Ala Gly Cys Thr Thr   Cys Cys Gly Thr Thr   Gly Cys Gly
    16700                 16705                 16710

Cys Thr   Gly Cys Ala Gly Gly   Cys Gly Thr Cys Gly   Cys Ala Gly
    16715                 16720                 16725

Cys Gly   Cys Cys Gly Thr Thr   Gly Ala Thr Gly Thr   Gly Cys Gly
    16730                 16735                 16740

Ala Ala   Thr Ala Ala Ala Gly   Cys Cys Thr Cys Thr   Thr Thr Ala
    16745                 16750                 16755

Gly Ala   Cys Thr Cys Thr Gly   Ala Cys Ala Cys Ala   Cys Cys Thr
    16760                 16765                 16770

Gly Gly   Thr Cys Cys Thr Gly   Thr Ala Thr Ala Thr   Thr Thr Thr
    16775                 16780                 16785

Thr Ala   Gly Ala Ala Thr Gly   Gly Ala Ala Gly Ala   Cys Ala Thr
    16790                 16795                 16800
```

```
Cys Ala   Ala Thr Thr Thr Thr   Gly Cys Gly Thr Cys   Cys Cys Thr
    16805                16810                16815

Gly Gly   Cys Thr Cys Cys Gly   Cys Gly Gly Cys Ala   Cys Gly Gly
    16820                16825                16830

Cys Ala   Cys Gly Cys Gly Gly   Cys Cys Gly Thr Thr   Cys Ala Thr
    16835                16840                16845

Gly Gly   Gly Cys Ala Cys Cys   Thr Gly Gly Ala Ala   Cys Gly Ala
    16850                16855                16860

Gly Ala   Thr Cys Gly Gly Cys   Ala Cys Cys Ala Gly   Cys Cys Ala
    16865                16870                16875

Gly Cys   Thr Gly Ala Ala Cys   Gly Gly Gly Gly Gly   Cys Gly Cys
    16880                16885                16890

Cys Thr   Thr Cys Ala Ala Thr   Thr Gly Gly Ala Gly   Cys Ala Gly
    16895                16900                16905

Thr Gly   Thr Cys Thr Gly Gly   Ala Gly Cys Gly Gly   Gly Cys Thr
    16910                16915                16920

Thr Ala   Ala Ala Ala Ala Thr   Thr Thr Cys Gly Gly   Cys Thr Cys
    16925                16930                16935

Gly Ala   Cys Gly Cys Thr Cys   Cys Gly Gly Ala Cys   Cys Thr Ala
    16940                16945                16950

Thr Gly   Gly Gly Ala Ala Cys   Ala Ala Gly Gly Cys   Cys Thr Gly
    16955                16960                16965

Gly Ala   Ala Thr Ala Gly Thr   Ala Gly Cys Ala Cys   Gly Gly Gly
    16970                16975                16980
```

```
Gly Cys   Ala Gly Thr Thr Gly   Thr Thr Gly Ala Gly   Gly Gly Ala
    16985                 16990                 16995


Ala Ala   Ala Gly Cys Thr Cys   Ala Ala Ala Gly Ala   Cys Cys Ala
    17000                 17005                 17010


Gly Ala   Ala Cys Thr Thr Cys   Cys Ala Gly Cys Ala   Gly Ala Ala
    17015                 17020                 17025


Gly Gly   Thr Gly Gly Thr Gly   Gly Ala Cys Gly Gly   Gly Cys Thr
    17030                 17035                 17040


Gly Gly   Cys Cys Thr Cys Gly   Gly Gly Cys Ala Thr   Thr Ala Ala
    17045                 17050                 17055


Cys Gly   Gly Gly Gly Thr Gly   Gly Thr Gly Gly Ala   Cys Ala Thr
    17060                 17065                 17070


Cys Gly   Cys Gly Ala Ala Cys   Cys Ala Gly Gly Cys   Cys Gly Thr
    17075                 17080                 17085


Gly Cys   Ala Gly Cys Gly Cys   Gly Ala Gly Ala Thr   Ala Ala Ala
    17090                 17095                 17100


Cys Ala   Gly Cys Cys Gly Cys   Cys Thr Gly Gly Ala   Cys Cys Cys
    17105                 17110                 17115


Gly Cys   Gly Ala Cys Cys Gly   Cys Cys Cys Ala Cys   Gly Gly Thr
    17120                 17125                 17130


Gly Gly   Thr Gly Gly Ala Gly   Ala Thr Gly Gly Ala   Ala Gly Ala
    17135                 17140                 17145


Thr Gly   Cys Ala Ala Cys Thr   Cys Thr Thr Cys Cys   Gly Cys Cys
    17150                 17155                 17160


Gly Cys   Cys Cys Ala Ala Gly   Gly Gly Cys Gly Ala   Gly Ala Ala
    17165                 17170                 17175
```

```
Gly Cys   Gly Gly Cys Cys Gly   Cys Gly Gly Cys Cys   Cys Gly Ala
    17180                 17185                 17190

Cys Gly   Cys Gly Gly Ala Gly   Gly Ala Gly Ala Cys   Gly Ala Thr
    17195                 17200                 17205

Cys Cys   Thr Gly Cys Ala Gly   Gly Thr Gly Gly Ala   Cys Gly Ala
    17210                 17215                 17220

Gly Cys   Cys Gly Cys Cys Cys   Thr Cys Gly Thr Ala   Cys Gly Ala
    17225                 17230                 17235

Gly Gly   Ala Gly Gly Cys Cys   Gly Thr Cys Ala Ala   Gly Gly Cys
    17240                 17245                 17250

Cys Gly   Gly Cys Ala Thr Gly   Cys Cys Cys Ala Cys   Cys Ala Cys
    17255                 17260                 17265

Gly Cys   Gly Cys Ala Thr Cys   Ala Thr Cys Gly Cys   Gly Cys Cys
    17270                 17275                 17280

Gly Cys   Thr Gly Gly Cys Cys   Ala Cys Gly Gly Gly   Thr Gly Thr
    17285                 17290                 17295

Ala Ala   Thr Gly Ala Ala Ala   Cys Cys Cys Gly Cys   Cys Ala Cys
    17300                 17305                 17310

Cys Cys   Thr Thr Gly Ala Cys   Cys Thr Gly Cys Cys   Thr Cys Cys
    17315                 17320                 17325

Ala Cys   Cys Ala Cys Cys Cys   Gly Cys Gly Cys Cys   Cys Gly Cys
    17330                 17335                 17340

Thr Cys   Cys Ala Cys Cys Gly   Ala Ala Gly Gly Cys   Ala Ala Cys
    17345                 17350                 17355
```

```
Thr Cys   Cys Gly Gly Thr Thr   Gly Thr Gly Cys Ala   Gly Gly Cys
    17360                 17365                 17370


Cys Cys   Cys Cys Cys Cys Gly   Gly Thr Gly Gly Cys   Gly Ala Cys
    17375                 17380                 17385


Cys Gly   Cys Cys Gly Thr Gly   Cys Gly Cys Cys Gly   Cys Gly Thr
    17390                 17395                 17400


Cys Cys   Cys Cys Gly Cys Cys   Cys Gly Cys Cys Gly   Cys Cys Ala
    17405                 17410                 17415


Gly Gly   Cys Cys Cys Ala Gly   Ala Ala Cys Thr Gly   Gly Cys Ala
    17420                 17425                 17430


Gly Ala   Gly Cys Ala Cys Gly   Cys Thr Gly Cys Ala   Cys Ala Gly
    17435                 17440                 17445


Thr Ala   Thr Cys Gly Thr Gly   Gly Gly Cys Cys Thr   Gly Gly Gly
    17450                 17455                 17460


Ala Gly   Thr Gly Ala Ala Ala   Ala Gly Thr Cys Thr   Gly Ala Ala
    17465                 17470                 17475


Gly Cys   Gly Cys Cys Gly Cys   Cys Gly Ala Thr Gly   Cys Thr Ala
    17480                 17485                 17490


Thr Thr   Gly Ala Gly Ala Gly   Ala Gly Ala Gly Gly   Ala Ala Ala
    17495                 17500                 17505


Gly Ala   Gly Gly Ala Cys Ala   Cys Thr Ala Ala Ala   Gly Gly Gly
    17510                 17515                 17520


Ala Gly   Ala Gly Cys Thr Thr   Ala Ala Cys Thr Thr   Gly Thr Ala
    17525                 17530                 17535


Thr Gly   Thr Gly Cys Cys Thr   Thr Ala Cys Cys Gly   Cys Cys Ala
    17540                 17545                 17550
```

```
Gly Ala   Gly Ala Ala Cys Gly   Cys Gly Cys Gly Ala   Ala Gly Ala
    17555                 17560                 17565

Thr Gly   Gly Cys Cys Ala Cys   Cys Cys Cys Cys Thr   Cys Gly Ala
    17570                 17575                 17580

Thr Gly   Ala Thr Gly Cys Cys   Gly Cys Ala Gly Thr   Gly Gly Gly
    17585                 17590                 17595

Cys Gly   Thr Ala Cys Ala Thr   Gly Cys Ala Cys Ala   Thr Cys Gly
    17600                 17605                 17610

Cys Cys   Gly Gly Gly Cys Ala   Gly Gly Ala Cys Gly   Cys Cys Thr
    17615                 17620                 17625

Cys Gly   Gly Ala Gly Thr Ala   Cys Cys Thr Gly Ala   Gly Cys Cys
    17630                 17635                 17640

Cys Gly   Gly Gly Thr Cys Thr   Gly Gly Thr Gly Cys   Ala Gly Thr
    17645                 17650                 17655

Thr Thr   Gly Cys Cys Cys Gly   Cys Gly Cys Cys Ala   Cys Cys Gly
    17660                 17665                 17670

Ala Cys   Ala Cys Gly Thr Ala   Cys Thr Thr Cys Ala   Gly Cys Cys
    17675                 17680                 17685

Thr Gly   Gly Gly Cys Ala Ala   Cys Ala Ala Gly Thr   Thr Thr Ala
    17690                 17695                 17700

Gly Gly   Ala Ala Cys Cys Cys   Cys Ala Cys Gly Gly   Thr Gly Gly
    17705                 17710                 17715

Cys Cys   Cys Cys Gly Ala Cys   Cys Cys Ala Cys Gly   Ala Thr Gly
    17720                 17725                 17730
```

```
Thr Gly   Ala Cys Cys Ala Cys   Gly Gly Ala Cys Cys   Gly Gly Thr
    17735                17740                17745

Cys Cys   Cys Ala Gly Cys Gly   Thr Cys Thr Gly Ala   Cys Gly Cys
    17750                17755                17760

Thr Gly   Cys Gly Cys Thr Thr   Cys Gly Thr Gly Cys   Cys Cys Gly
    17765                17770                17775

Thr Gly   Gly Ala Thr Cys Gly   Cys Gly Ala Gly Gly   Ala Cys Ala
    17780                17785                17790

Cys Cys   Ala Cys Gly Thr Ala   Cys Thr Cys Gly Thr   Ala Cys Ala
    17795                17800                17805

Ala Gly   Gly Cys Gly Cys Gly   Cys Thr Thr Cys Ala   Cys Thr Cys
    17810                17815                17820

Thr Gly   Gly Cys Cys Gly Thr   Gly Gly Gly Cys Gly   Ala Cys Ala
    17825                17830                17835

Ala Cys   Cys Gly Gly Gly Thr   Gly Cys Thr Ala Gly   Ala Cys Ala
    17840                17845                17850

Thr Gly   Gly Cys Cys Ala Gly   Cys Ala Cys Thr Thr   Ala Cys Thr
    17855                17860                17865

Thr Thr   Gly Ala Cys Ala Thr   Cys Cys Gly Cys Gly   Gly Cys Gly
    17870                17875                17880

Thr Cys   Cys Thr Gly Gly Ala   Cys Cys Gly Cys Gly   Gly Thr Cys
    17885                17890                17895

Cys Cys   Ala Gly Cys Thr Thr   Cys Ala Ala Ala Cys   Cys Cys Thr
    17900                17905                17910

Ala Cys   Thr Cys Gly Gly Gly   Cys Ala Cys Gly Gly   Cys Cys Thr
    17915                17920                17925
```

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Ala Cys   Ala Ala Cys Ala Gly   Cys Cys Thr Gly Gly   Cys Thr Cys
    17930                 17935                 17940

Cys Cys   Ala Ala Gly Gly Gly   Thr Gly Cys Cys Cys   Cys Cys Ala
    17945                 17950                 17955

Ala Thr   Cys Cys Cys Ala Gly   Cys Cys Ala Gly Thr   Gly Gly Gly
    17960                 17965                 17970

Ala Gly   Cys Ala Ala Ala Ala   Thr Gly Ala Ala Ala   Cys Cys Ala
    17975                 17980                 17985

Ala Thr   Gly Thr Thr Ala Ala   Thr Ala Ala Ala Ala   Cys Ala Cys
    17990                 17995                 18000

Ala Cys   Ala Cys Cys Thr Thr   Thr Gly Gly Gly Ala   Thr Gly Gly
    18005                 18010                 18015

Cys Ala   Gly Cys Cys Ala Thr   Gly Ala Ala Ala Gly   Gly Ala Gly
    18020                 18025                 18030

Ala Ala   Gly Cys Thr Ala Thr   Thr Gly Ala Cys Ala   Ala Ala Ala
    18035                 18040                 18045

Ala Thr   Gly Gly Thr Cys Thr   Gly Cys Ala Ala Ala   Thr Thr Gly
    18050                 18055                 18060

Gly Ala   Ala Cys Thr Gly Ala   Cys Gly Cys Gly Gly   Cys Gly Gly
    18065                 18070                 18075

Ala Thr   Cys Ala Gly Gly Ala   Thr Ala Ala Ala Cys   Cys Ala Ala
    18080                 18085                 18090

Thr Thr   Thr Ala Thr Gly Cys   Ala Gly Ala Thr Ala   Ala Ala Ala
    18095                 18100                 18105
```

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Cys Thr   Thr Thr Cys Cys Ala   Gly Cys Cys Ala Gly   Ala Ala Cys
    18110                 18115                 18120


Cys Thr   Cys Ala Ala Gly Thr   Ala Gly Gly Ala Gly   Ala Gly Gly
    18125                 18130                 18135


Ala Ala   Gly Ala Cys Thr Gly   Gly Ala Thr Thr Gly   Ala Thr Ala
    18140                 18145                 18150


Ala Ala   Gly Cys Ala Gly Ala   Thr Thr Thr Cys Thr   Ala Thr Gly
    18155                 18160                 18165


Gly Cys   Gly Gly Ala Ala Gly   Ala Gly Cys Thr Cys   Thr Thr Ala
    18170                 18175                 18180


Ala Ala   Ala Ala Ala Gly Ala   Cys Ala Cys Thr Ala   Ala Ala Ala
    18185                 18190                 18195


Thr Gly   Ala Ala Ala Cys Cys   Ala Thr Gly Cys Thr   Ala Thr Gly
    18200                 18205                 18210


Gly Ala   Thr Cys Thr Thr Thr   Thr Gly Cys Thr Ala   Gly Ala Cys
    18215                 18220                 18225


Cys Thr   Ala Cys Thr Ala Ala   Thr Gly Ala Gly Ala   Ala Ala Gly
    18230                 18235                 18240


Gly Ala   Gly Gly Thr Cys Ala   Gly Gly Cys Ala Ala   Ala Gly Thr
    18245                 18250                 18255


Thr Cys   Ala Ala Ala Cys Cys   Ala Gly Thr Thr Ala   Ala Thr Gly
    18260                 18265                 18270


Ala Ala   Gly Gly Ala Gly Ala   Ala Cys Ala Ala Cys   Cys Thr Ala
    18275                 18280                 18285


Ala Ala   Gly Ala Thr Cys Thr   Gly Gly Ala Thr Ala   Thr Ala Gly
    18290                 18295                 18300
```

```
Ala Thr   Ala Thr Gly Ala Ala   Cys Thr Thr Cys Thr   Thr Thr Gly
    18305                18310                18315

Ala Cys   Cys Cys Ala Ala Cys   Cys Ala Cys Thr Ala   Thr Thr Ala
    18320                18325                18330

Ala Cys   Ala Cys Ala Cys Cys   Ala Gly Ala Thr Gly   Thr Ala Gly
    18335                18340                18345

Thr Gly   Cys Thr Gly Thr Ala   Cys Ala Cys Thr Gly   Ala Ala Ala
    18350                18355                18360

Ala Thr   Gly Thr Thr Ala Ala   Thr Cys Thr Thr Gly   Ala Ala Ala
    18365                18370                18375

Cys Ala   Cys Cys Ala Gly Ala   Cys Ala Cys Thr Cys   Ala Thr Gly
    18380                18385                18390

Thr Gly   Gly Thr Thr Thr Ala   Cys Ala Ala Gly Gly   Cys Ala Gly
    18395                18400                18405

Gly Ala   Ala Cys Thr Thr Cys   Ala Gly Ala Thr Gly   Ala Cys Ala
    18410                18415                18420

Gly Thr   Thr Cys Thr Gly Ala   Gly Gly Thr Cys Ala   Ala Thr Thr
    18425                18430                18435

Thr Gly   Gly Cys Thr Cys Ala   Gly Cys Ala Gly Thr   Cys Cys Ala
    18440                18445                18450

Thr Gly   Cys Cys Ala Ala Ala   Cys Ala Gly Ala Cys   Cys Cys Ala
    18455                18460                18465

Ala Cys   Thr Ala Cys Ala Thr   Thr Gly Gly Cys Thr   Thr Thr Ala
    18470                18475                18480
```

```
Gly Gly   Gly Ala Cys Ala Ala   Cys Thr Thr Thr Gly   Thr Ala Gly
    18485                 18490                 18495


Gly Thr   Cys Thr Cys Ala Thr   Gly Thr Ala Thr Thr   Ala Cys Ala
    18500                 18505                 18510


Ala Cys   Ala Gly Cys Ala Cys   Cys Gly Gly Ala Ala   Ala Thr Ala
    18515                 18520                 18525


Thr Gly   Gly Gly Thr Gly Thr   Gly Cys Thr Gly Gly   Cys Thr Gly
    18530                 18535                 18540


Gly Thr   Cys Ala Gly Gly Cys   Thr Thr Cys Thr Cys   Ala Gly Thr
    18545                 18550                 18555


Thr Gly   Ala Ala Cys Gly Cys   Thr Gly Thr Gly Gly   Thr Cys Gly
    18560                 18565                 18570


Ala Cys   Thr Thr Gly Cys Ala   Ala Gly Ala Cys Ala   Gly Ala Ala
    18575                 18580                 18585


Ala Cys   Ala Cys Cys Gly Ala   Gly Thr Thr Ala Thr   Cys Thr Thr
    18590                 18595                 18600


Ala Cys   Cys Ala Gly Cys Thr   Ala Thr Thr Gly Cys   Thr Ala Gly
    18605                 18610                 18615


Ala Thr   Thr Cys Thr Cys Thr   Gly Gly Gly Thr Gly   Ala Cys Ala
    18620                 18625                 18630


Gly Ala   Ala Cys Cys Ala Gly   Ala Thr Ala Cys Thr   Thr Thr Ala
    18635                 18640                 18645


Gly Cys   Ala Thr Gly Thr Gly   Gly Ala Ala Cys Thr   Cys Thr Gly
    18650                 18655                 18660


Cys Gly   Gly Thr Gly Gly Ala   Cys Ala Gly Thr Thr   Ala Cys Gly
    18665                 18670                 18675
```

```
Ala Thr   Cys Cys Ala Gly Ala   Thr Gly Thr Cys Ala   Gly Gly Ala
    18680                 18685                 18690

Thr Cys   Ala Thr Thr Gly Ala   Ala Ala Ala Thr Cys   Ala Cys Gly
    18695                 18700                 18705

Gly Thr   Gly Thr Gly Gly Ala   Ala Gly Ala Thr Gly   Ala Ala Cys
    18710                 18715                 18720

Thr Thr   Cys Cys Ala Ala Ala   Cys Thr Ala Thr Thr   Gly Cys Thr
    18725                 18730                 18735

Thr Cys   Cys Cys Ala Thr Thr   Gly Gly Ala Thr Gly   Gly Thr Gly
    18740                 18745                 18750

Thr Gly   Gly Gly Cys Ala Cys   Thr Ala Ala Thr Ala   Cys Thr Gly
    18755                 18760                 18765

Cys Ala   Thr Ala Cys Cys Ala   Ala Gly Gly Cys Gly   Thr Thr Ala
    18770                 18775                 18780

Ala Ala   Gly Thr Thr Ala Ala   Gly Ala Cys Ala Ala   Cys Thr Ala
    18785                 18790                 18795

Ala Thr   Gly Gly Ala Ala Ala   Cys Gly Ala Cys Ala   Cys Gly Thr
    18800                 18805                 18810

Gly Gly   Gly Ala Ala Ala Ala   Ala Gly Ala Thr Gly   Ala Ala Ala
    18815                 18820                 18825

Cys Thr   Gly Thr Thr Thr Ala   Thr Gly Ala Gly Thr   Thr Thr Ala
    18830                 18835                 18840

Ala Thr   Cys Ala Ala Ala Thr   Thr Gly Gly Cys Ala   Ala Gly Gly
    18845                 18850                 18855
```

```
Gly Gly   Gly Ala Thr Ala Thr   Cys Thr Ala Thr Gly   Cys Cys Ala
    18860                 18865                 18870


Thr Gly   Gly Ala Gly Ala Thr   Cys Ala Ala Cys Cys   Thr Gly Cys
    18875                 18880                 18885


Ala Gly   Gly Cys Cys Ala Ala   Cys Cys Thr Gly Thr   Gly Gly Ala
    18890                 18895                 18900


Ala Gly   Ala Gly Thr Thr Thr   Thr Cys Thr Gly Thr   Ala Cys Thr
    18905                 18910                 18915


Cys Gly   Ala Ala Cys Gly Thr   Gly Gly Cys Cys Cys   Thr Gly Thr
    18920                 18925                 18930


Ala Cys   Cys Thr Gly Cys Cys   Cys Gly Ala Cys Thr   Cys Cys Thr
    18935                 18940                 18945


Ala Cys   Ala Ala Gly Thr Ala   Cys Ala Cys Gly Cys   Cys Gly Gly
    18950                 18955                 18960


Cys Cys   Ala Ala Cys Gly Thr   Cys Ala Ala Gly Cys   Thr Gly Cys
    18965                 18970                 18975


Cys Cys   Gly Cys Cys Ala Ala   Cys Ala Cys Cys Ala   Ala Cys Ala
    18980                 18985                 18990


Cys Cys   Thr Ala Cys Gly Ala   Gly Thr Ala Cys Ala   Thr Gly Ala
    18995                 19000                 19005


Ala Cys   Gly Gly Cys Cys Gly   Cys Gly Thr Gly Gly   Thr Ala Gly
    19010                 19015                 19020


Cys Cys   Cys Cys Cys Thr Cys   Gly Cys Thr Gly Gly   Thr Gly Gly
    19025                 19030                 19035


Ala Cys   Gly Cys Cys Thr Ala   Cys Ala Thr Cys Ala   Ala Cys Ala
    19040                 19045                 19050
```

```
Thr Cys   Gly Gly Cys Gly Cys   Cys Cys Gly Cys Thr   Gly Gly Thr
    19055                19060                19065

Cys Gly   Thr Thr Gly Gly Ala   Thr Cys Cys Cys Ala   Thr Gly Gly
    19070                19075                19080

Ala Cys   Ala Ala Cys Gly Thr   Cys Ala Ala Cys Cys   Cys Cys Thr
    19085                19090                19095

Thr Cys   Ala Ala Cys Cys Ala   Cys Cys Ala Cys Cys   Gly Cys Ala
    19100                19105                19110

Ala Thr   Gly Cys Gly Gly Gly   Cys Cys Thr Gly Cys   Gly Cys Thr
    19115                19120                19125

Ala Cys   Cys Gly Cys Thr Cys   Cys Ala Thr Gly Cys   Thr Gly Cys
    19130                19135                19140

Thr Gly   Gly Gly Cys Ala Ala   Cys Gly Gly Cys Cys   Gly Cys Thr
    19145                19150                19155

Ala Cys   Gly Thr Gly Cys Cys   Cys Thr Thr Cys Cys   Ala Cys Ala
    19160                19165                19170

Thr Cys   Cys Ala Ala Gly Thr   Gly Cys Cys Cys Cys   Ala Ala Ala
    19175                19180                19185

Ala Gly   Thr Thr Cys Thr Thr   Thr Gly Cys Cys Ala   Thr Cys Ala
    19190                19195                19200

Ala Gly   Ala Ala Cys Cys Thr   Gly Cys Thr Cys Cys   Thr Gly Cys
    19205                19210                19215

Thr Cys   Cys Cys Gly Gly Gly   Cys Thr Cys Cys Thr   Ala Cys Ala
    19220                19225                19230
```

```
Cys Cys   Thr Ala Cys Gly Ala   Gly Thr Gly Gly Ala   Ala Cys Thr
    19235                 19240                 19245


Thr Cys   Cys Gly Cys Ala Ala   Gly Gly Ala Cys Gly   Thr Cys Ala
    19250                 19255                 19260


Ala Cys   Ala Thr Gly Ala Thr   Cys Cys Thr Gly Cys   Ala Gly Ala
    19265                 19270                 19275


Gly Thr   Thr Cys Cys Cys Thr   Cys Gly Gly Cys Ala   Ala Cys Gly
    19280                 19285                 19290


Ala Cys   Cys Thr Gly Cys Gly   Cys Gly Thr Cys Gly   Ala Cys Gly
    19295                 19300                 19305


Gly Cys   Gly Cys Cys Thr Cys   Cys Gly Thr Cys Cys   Gly Cys Thr
    19310                 19315                 19320


Thr Cys   Gly Ala Cys Ala Gly   Cys Gly Thr Cys Ala   Ala Cys Cys
    19325                 19330                 19335


Thr Ala   Thr Ala Cys Gly Cys   Cys Ala Cys Thr Thr   Thr Cys Thr
    19340                 19345                 19350


Thr Cys   Cys Cys Cys Ala Thr   Gly Gly Cys Gly Cys   Ala Cys Ala
    19355                 19360                 19365


Ala Cys   Ala Cys Cys Gly Cys   Thr Thr Cys Ala Ala   Cys Cys Thr
    19370                 19375                 19380


Thr Gly   Gly Ala Ala Gly Cys   Cys Ala Thr Gly Cys   Thr Gly Cys
    19385                 19390                 19395


Gly Cys   Ala Ala Cys Gly Ala   Cys Ala Cys Cys Ala   Ala Cys Gly
    19400                 19405                 19410


Ala Cys   Cys Ala Gly Thr Cys   Cys Thr Thr Cys Ala   Ala Cys Gly
    19415                 19420                 19425
```

```
Ala Cys   Thr Ala Cys Cys Thr   Cys Thr Cys Gly Gly   Cys Cys Gly
    19430                19435                19440

Cys Cys   Ala Ala Cys Ala Thr   Gly Cys Thr Cys Thr   Ala Cys Cys
    19445                19450                19455

Cys Cys   Ala Thr Cys Cys Cys   Gly Gly Cys Cys Ala   Ala Gly Gly
    19460                19465                19470

Cys Cys   Ala Cys Cys Ala Ala   Cys Gly Thr Gly Cys   Cys Cys Ala
    19475                19480                19485

Thr Cys   Thr Cys Cys Ala Thr   Cys Cys Cys Ala Thr   Cys Gly Cys
    19490                19495                19500

Gly Cys   Ala Ala Cys Thr Gly   Gly Gly Cys Cys Gly   Cys Cys Thr
    19505                19510                19515

Thr Cys   Cys Gly Cys Gly Gly   Cys Thr Gly Gly Ala   Gly Thr Thr
    19520                19525                19530

Thr Cys   Ala Cys Cys Cys Gly   Gly Cys Thr Cys Ala   Ala Gly Ala
    19535                19540                19545

Cys Cys   Ala Ala Gly Gly Ala   Ala Ala Cys Thr Cys   Cys Thr Thr
    19550                19555                19560

Cys Cys   Cys Thr Cys Gly Gly   Cys Thr Cys Gly Gly   Gly Thr Thr
    19565                19570                19575

Thr Cys   Gly Ala Cys Cys Cys   Cys Thr Ala Cys Thr   Thr Thr Gly
    19580                19585                19590

Thr Cys   Thr Ala Cys Thr Cys   Gly Gly Gly Cys Thr   Cys Cys Ala
    19595                19600                19605
```

```
Thr Cys   Cys Cys Cys Thr Ala   Cys Cys Thr Cys Gly   Ala Cys Gly
    19610                 19615                 19620

Gly Gly   Ala Cys Cys Thr Thr   Cys Thr Ala Cys Cys   Thr Cys Ala
    19625                 19630                 19635

Ala Cys   Cys Ala Cys Ala Cys   Cys Thr Thr Cys Ala   Ala Gly Ala
    19640                 19645                 19650

Ala Gly   Gly Thr Cys Thr Cys   Cys Ala Thr Cys Ala   Thr Gly Thr
    19655                 19660                 19665

Thr Cys   Gly Ala Cys Thr Cys   Cys Thr Cys Gly Gly   Thr Cys Ala
    19670                 19675                 19680

Gly Cys   Thr Gly Gly Cys Cys   Cys Gly Gly Cys Ala   Ala Cys Gly
    19685                 19690                 19695

Ala Cys   Cys Gly Gly Cys Thr   Gly Cys Thr Cys Ala   Cys Gly Cys
    19700                 19705                 19710

Cys Gly   Ala Ala Cys Gly Ala   Gly Thr Thr Cys Gly   Ala Gly Ala
    19715                 19720                 19725

Thr Cys   Ala Ala Gly Cys Gly   Cys Ala Gly Cys Gly   Thr Cys Gly
    19730                 19735                 19740

Ala Cys   Gly Gly Gly Gly Ala   Gly Gly Gly Cys Thr   Ala Cys Ala
    19745                 19750                 19755

Ala Cys   Gly Thr Gly Gly Cys   Cys Cys Ala Ala Thr   Gly Cys Ala
    19760                 19765                 19770

Ala Cys   Ala Thr Gly Ala Cys   Cys Ala Ala Gly Gly   Ala Cys Thr
    19775                 19780                 19785

Gly Gly   Thr Thr Cys Cys Thr   Cys Gly Thr Cys Cys   Ala Gly Ala
    19790                 19795                 19800
```

```
Thr Gly   Cys Thr Cys Thr Cys   Cys Cys Ala Cys Thr   Ala Cys Ala
    19805                 19810                 19815


Ala Cys   Ala Thr Cys Gly Gly   Cys Thr Ala Cys Cys   Ala Gly Gly
    19820                 19825                 19830


Gly Cys   Thr Thr Cys Cys Ala   Cys Gly Thr Gly Cys   Cys Cys Gly
    19835                 19840                 19845


Ala Gly   Gly Gly Cys Thr Ala   Cys Ala Ala Gly Gly   Ala Cys Cys
    19850                 19855                 19860


Gly Cys   Ala Thr Gly Thr Ala   Cys Thr Cys Cys Thr   Thr Cys Thr
    19865                 19870                 19875


Thr Cys   Cys Gly Cys Ala Ala   Cys Thr Thr Cys Cys   Ala Gly Cys
    19880                 19885                 19890


Cys Cys   Ala Thr Gly Ala Gly   Cys Ala Gly Gly Cys   Ala Gly Gly
    19895                 19900                 19905


Thr Gly   Gly Thr Cys Gly Ala   Thr Gly Ala Gly Ala   Thr Cys Ala
    19910                 19915                 19920


Ala Cys   Thr Ala Cys Ala Ala   Gly Gly Ala Cys Thr   Ala Cys Ala
    19925                 19930                 19935


Ala Gly   Gly Cys Cys Gly Thr   Cys Ala Cys Cys Cys   Thr Gly Cys
    19940                 19945                 19950


Cys Cys   Thr Thr Cys Cys Ala   Gly Cys Ala Cys Ala   Ala Thr Ala
    19955                 19960                 19965


Ala Cys   Thr Cys Gly Gly Gly   Cys Thr Thr Cys Ala   Cys Cys Gly
    19970                 19975                 19980
```

```
Gly Cys   Thr Ala Cys Cys Thr   Cys Gly Cys Ala Cys   Cys Cys Ala
    19985                 19990                 19995


Cys Cys   Ala Thr Gly Cys Gly   Cys Cys Ala Gly Gly   Gly Gly Cys
    20000                 20005                 20010


Ala Gly   Cys Cys Cys Thr Ala   Cys Cys Cys Cys Gly   Cys Cys Ala
    20015                 20020                 20025


Ala Cys   Thr Thr Cys Cys Cys   Cys Thr Ala Cys Cys   Cys Gly Cys
    20030                 20035                 20040


Thr Cys   Ala Thr Cys Gly Gly   Thr Cys Ala Gly Ala   Cys Ala Gly
    20045                 20050                 20055


Cys Cys   Gly Thr Gly Cys Cys   Cys Thr Cys Cys Gly   Thr Cys Ala
    20060                 20065                 20070


Cys Cys   Cys Ala Gly Ala Ala   Ala Ala Ala Gly Thr   Thr Cys Cys
    20075                 20080                 20085


Thr Cys   Thr Gly Cys Gly Ala   Cys Ala Gly Gly Gly   Thr Cys Ala
    20090                 20095                 20100


Thr Gly   Thr Gly Gly Cys Gly   Cys Ala Thr Cys Cys   Cys Cys Thr
    20105                 20110                 20115


Thr Cys   Thr Cys Cys Ala Gly   Cys Ala Ala Cys Thr   Thr Cys Ala
    20120                 20125                 20130


Thr Gly   Thr Cys Cys Ala Thr   Gly Gly Gly Cys Gly   Cys Cys Cys
    20135                 20140                 20145


Thr Cys   Ala Cys Cys Gly Ala   Cys Cys Thr Gly Gly   Gly Thr Cys
    20150                 20155                 20160


Ala Gly   Ala Ala Cys Ala Thr   Gly Cys Thr Cys Thr   Ala Cys Gly
    20165                 20170                 20175
```

```
Cys Cys   Ala Ala Cys Thr Cys   Gly Gly Cys Cys Cys   Ala Cys Gly
    20180                 20185                 20190

Cys Gly   Cys Thr Cys Gly Ala   Cys Ala Thr Gly Ala   Cys Cys Thr
    20195                 20200                 20205

Thr Cys   Gly Ala Gly Gly Thr   Gly Gly Ala Cys Cys   Cys Cys Ala
    20210                 20215                 20220

Thr Gly   Gly Ala Thr Gly Ala   Gly Cys Cys Cys Ala   Cys Cys Cys
    20225                 20230                 20235

Thr Cys   Cys Thr Cys Thr Ala   Thr Cys Thr Thr Cys   Thr Cys Thr
    20240                 20245                 20250

Thr Cys   Gly Ala Ala Gly Thr   Thr Thr Thr Cys Gly   Ala Cys Gly
    20255                 20260                 20265

Thr Gly   Gly Thr Cys Ala Gly   Ala Gly Thr Ala Cys   Ala Cys Cys
    20270                 20275                 20280

Ala Gly   Cys Cys Gly Cys Ala   Cys Cys Gly Cys Gly   Gly Cys Gly
    20285                 20290                 20295

Thr Cys   Ala Thr Cys Gly Ala   Gly Gly Cys Cys Gly   Thr Cys Thr
    20300                 20305                 20310

Ala Cys   Cys Thr Gly Cys Gly   Cys Ala Cys Gly Cys   Cys Cys Thr
    20315                 20320                 20325

Thr Cys   Thr Cys Cys Gly Cys   Cys Gly Gly Cys Ala   Ala Cys Gly
    20330                 20335                 20340

Cys Cys   Ala Cys Cys Ala Cys   Cys Thr Ala Ala Gly   Cys Ala Thr
    20345                 20350                 20355
```

```
Gly Ala   Gly Cys Gly Gly Cys   Thr Cys Cys Ala Gly   Cys Gly Ala
    20360                 20365                 20370

Ala Cys   Gly Ala Gly Ala Gly   Cys Thr Cys Gly Cys   Gly Gly Cys
    20375                 20380                 20385

Cys Ala   Thr Cys Gly Thr Gly   Cys Gly Cys Gly Ala   Cys Cys Thr
    20390                 20395                 20400

Gly Gly   Gly Cys Thr Gly Cys   Gly Gly Gly Cys Cys   Cys Thr Ala
    20405                 20410                 20415

Cys Thr   Thr Thr Thr Thr Gly   Gly Gly Cys Ala Cys   Cys Cys Ala
    20420                 20425                 20430

Cys Gly   Ala Cys Ala Ala Gly   Cys Gly Cys Thr Thr   Cys Cys Cys
    20435                 20440                 20445

Gly Gly   Gly Cys Thr Thr Thr   Cys Thr Cys Gly Cys   Cys Gly Gly
    20450                 20455                 20460

Cys Gly   Ala Cys Ala Ala Gly   Cys Thr Gly Gly Cys   Cys Thr Gly
    20465                 20470                 20475

Cys Gly   Cys Cys Ala Thr Cys   Gly Thr Cys Ala Ala   Cys Ala Cys
    20480                 20485                 20490

Gly Gly   Cys Cys Gly Gly Cys   Cys Gly Cys Gly Ala   Gly Ala Cys
    20495                 20500                 20505

Cys Gly   Gly Ala Gly Gly Cys   Gly Thr Gly Cys Ala   Cys Thr Gly
    20510                 20515                 20520

Gly Cys   Thr Cys Gly Cys Cys   Thr Thr Cys Gly Gly   Cys Thr Gly
    20525                 20530                 20535

Gly Ala   Ala Cys Cys Cys Gly   Cys Gly Cys Thr Cys   Gly Cys Gly
    20540                 20545                 20550
```

```
Cys Ala   Cys Cys Thr Gly Cys   Thr Ala Cys Ala Thr   Gly Thr Thr
    20555                 20560                 20565


Cys Gly   Ala Cys Cys Cys Cys   Thr Thr Thr Gly Gly   Gly Thr Thr
    20570                 20575                 20580


Cys Thr   Cys Gly Gly Ala Cys   Cys Gly Cys Cys Gly   Gly Cys Thr
    20585                 20590                 20595


Cys Ala   Ala Gly Cys Ala Gly   Ala Thr Thr Thr Ala   Cys Ala Gly
    20600                 20605                 20610


Cys Thr   Thr Cys Gly Ala Gly   Thr Ala Cys Gly Ala   Gly Gly Cys
    20615                 20620                 20625


Cys Ala   Thr Gly Cys Thr Gly   Cys Gly Cys Cys Gly   Cys Ala Gly
    20630                 20635                 20640


Cys Gly   Cys Cys Cys Thr Gly   Gly Cys Cys Thr Cys   Cys Thr Cys
    20645                 20650                 20655


Gly Cys   Cys Cys Gly Ala Cys   Cys Gly Cys Thr Gly   Thr Cys Thr
    20660                 20665                 20670


Cys Ala   Gly Cys Cys Thr Cys   Gly Ala Gly Cys Ala   Gly Thr Cys
    20675                 20680                 20685


Cys Ala   Cys Thr Cys Ala Gly   Ala Cys Cys Gly Thr   Gly Cys Ala
    20690                 20695                 20700


Gly Gly   Gly Gly Cys Cys Cys   Gly Ala Cys Thr Cys   Cys Gly Cys
    20705                 20710                 20715


Cys Gly   Cys Cys Thr Gly Cys   Gly Gly Ala Cys Thr   Cys Thr Thr
    20720                 20725                 20730
```

```
Cys Thr   Gly Thr Thr Gly Cys   Ala Thr Gly Thr Thr   Cys Thr Thr
    20735                20740                20745


Gly Cys   Ala Thr Gly Cys Cys   Thr Thr Cys Gly Thr   Gly Cys Ala
    20750                20755                20760


Cys Thr   Gly Gly Cys Cys Cys   Gly Ala Cys Cys Gly   Ala Cys Cys
    20765                20770                20775


Cys Ala   Thr Gly Gly Ala Cys   Gly Gly Ala Ala Ala   Cys Cys Cys
    20780                20785                20790


Cys Ala   Cys Cys Ala Thr Gly   Ala Ala Cys Thr Thr   Gly Cys Thr
    20795                20800                20805


Gly Ala   Cys Gly Gly Gly Gly   Gly Thr Gly Cys Cys   Cys Ala Ala
    20810                20815                20820


Cys Gly   Gly Cys Ala Thr Gly   Cys Thr Ala Cys Ala   Ala Thr Cys
    20825                20830                20835


Gly Cys   Cys Ala Cys Ala Gly   Gly Thr Gly Cys Thr   Gly Cys Cys
    20840                20845                20850


Cys Ala   Cys Cys Cys Thr Cys   Ala Gly Gly Cys Gly   Cys Ala Ala
    20855                20860                20865


Cys Cys   Ala Gly Gly Ala Gly   Gly Ala Ala Cys Thr   Cys Thr Ala
    20870                20875                20880


Cys Cys   Gly Cys Thr Thr Cys   Cys Thr Cys Gly Cys   Gly Cys Gly
    20885                20890                20895


Cys Cys   Ala Cys Thr Cys Cys   Cys Cys Thr Thr Ala   Cys Thr Thr
    20900                20905                20910


Thr Cys   Gly Cys Thr Cys Cys   Cys Ala Cys Cys Gly   Cys Gly Cys
    20915                20920                20925
```

```
Cys Gly   Cys Cys Ala Thr Cys   Gly Ala Ala Cys Ala   Cys Gly Cys
    20930                20935                20940

Cys Ala   Cys Cys Gly Cys Thr   Thr Thr Thr Gly Ala   Cys Ala Ala
    20945                20950                20955

Ala Ala   Thr Gly Ala Ala Ala   Cys Ala Ala Cys Thr   Gly Cys Gly
    20960                20965                20970

Thr Gly   Thr Ala Thr Cys Thr   Cys Ala Ala Thr Ala   Ala Ala Cys
    20975                20980                20985

Ala Gly   Cys Ala Cys Thr Thr   Thr Thr Ala Thr Thr   Thr Thr Ala
    20990                20995                21000

Cys Ala   Thr Gly Cys Ala Cys   Thr Gly Gly Ala Gly   Thr Ala Thr
    21005                21010                21015

Ala Thr   Gly Cys Ala Ala Gly   Thr Thr Ala Thr Thr   Thr Ala Ala
    21020                21025                21030

Ala Ala   Gly Thr Cys Gly Ala   Ala Gly Gly Gly Gly   Thr Thr Cys
    21035                21040                21045

Thr Cys   Gly Cys Gly Cys Thr   Cys Gly Thr Cys Gly   Thr Thr Gly
    21050                21055                21060

Thr Gly   Cys Gly Cys Cys Gly   Cys Gly Cys Thr Gly   Gly Gly Gly
    21065                21070                21075

Ala Gly   Gly Gly Cys Cys Ala   Cys Gly Thr Thr Gly   Cys Gly Gly
    21080                21085                21090

Thr Ala   Cys Thr Gly Gly Thr   Ala Cys Thr Thr Gly   Gly Gly Cys
    21095                21100                21105
```

```
Thr Gly   Cys Cys Ala Cys Thr   Thr Gly Ala Ala Cys   Thr Cys Gly
    21110                 21115                 21120

Gly Gly   Gly Ala Thr Cys Ala   Cys Cys Ala Gly Thr   Thr Thr Gly
    21125                 21130                 21135

Gly Gly   Cys Ala Cys Thr Gly   Gly Gly Gly Thr Cys   Thr Cys Gly
    21140                 21145                 21150

Gly Gly   Gly Ala Ala Gly Gly   Thr Cys Thr Cys Gly   Cys Thr Cys
    21155                 21160                 21165

Cys Ala   Cys Ala Thr Gly Cys   Gly Cys Cys Gly Gly   Cys Thr Cys
    21170                 21175                 21180

Ala Thr   Cys Thr Gly Cys Ala   Gly Gly Gly Cys Gly   Cys Cys Cys
    21185                 21190                 21195

Ala Gly   Cys Ala Thr Gly Thr   Cys Cys Gly Gly Gly   Gly Cys Gly
    21200                 21205                 21210

Gly Ala   Gly Ala Thr Cys Thr   Thr Gly Ala Ala Ala   Thr Cys Gly
    21215                 21220                 21225

Cys Ala   Gly Thr Thr Gly Gly   Gly Gly Cys Cys Gly   Gly Thr Gly
    21230                 21235                 21240

Cys Thr   Cys Thr Gly Cys Gly   Cys Gly Cys Gly Cys   Gly Ala Gly
    21245                 21250                 21255

Thr Thr   Gly Cys Gly Gly Thr   Ala Cys Ala Cys Gly   Gly Gly Gly
    21260                 21265                 21270

Thr Thr   Gly Cys Ala Gly Cys   Ala Cys Thr Gly Gly   Ala Ala Cys
    21275                 21280                 21285

Ala Cys   Cys Ala Thr Cys Ala   Gly Ala Cys Thr Gly   Gly Gly Gly
    21290                 21295                 21300
```

```
Thr Ala   Cys Thr Thr Cys Ala   Cys Ala Cys Thr Ala   Gly Cys Cys
    21305                21310                21315

Ala Gly   Cys Ala Cys Gly Cys   Thr Cys Thr Thr Gly   Thr Cys Gly
    21320                21325                21330

Cys Thr   Gly Ala Thr Cys Thr   Gly Ala Thr Cys Cys   Thr Thr Gly
    21335                21340                21345

Thr Cys   Cys Ala Gly Ala Thr   Cys Cys Thr Cys Gly   Gly Cys Gly
    21350                21355                21360

Thr Thr   Gly Cys Thr Cys Ala   Gly Gly Cys Cys Gly   Ala Ala Cys
    21365                21370                21375

Gly Gly   Gly Gly Thr Cys Ala   Thr Cys Thr Thr Gly   Cys Ala Cys
    21380                21385                21390

Ala Gly   Cys Thr Gly Gly Cys   Gly Thr Cys Cys Cys   Ala Gly Gly
    21395                21400                21405

Ala Ala   Gly Gly Gly Cys Ala   Cys Gly Cys Thr Cys   Thr Gly Ala
    21410                21415                21420

Gly Gly   Cys Thr Thr Gly Thr   Gly Gly Thr Thr Ala   Cys Ala Cys
    21425                21430                21435

Thr Cys   Gly Cys Ala Gly Thr   Gly Cys Ala Cys Gly   Gly Gly Cys
    21440                21445                21450

Ala Thr   Cys Ala Gly Cys Ala   Thr Cys Ala Thr Cys   Cys Cys Cys
    21455                21460                21465

Gly Cys   Gly Cys Cys Gly Cys   Gly Cys Thr Gly Cys   Ala Thr Ala
    21470                21475                21480
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Thr Thr   Cys Gly Gly Gly Thr   Ala Gly Ala Gly Gly   Gly Cys Cys
    21485                21490                21495

Thr Thr   Gly Ala Cys Ala Ala   Ala Gly Gly Cys Cys   Gly Cys Gly
    21500                21505                21510

Ala Thr   Cys Thr Gly Cys Thr   Thr Gly Ala Ala Ala   Gly Cys Thr
    21515                21520                21525

Thr Gly   Cys Thr Gly Gly Gly   Cys Cys Thr Thr Gly   Gly Cys Cys
    21530                21535                21540

Cys Cys   Cys Thr Cys Gly Cys   Thr Gly Ala Ala Ala   Ala Ala Cys
    21545                21550                21555

Ala Gly   Gly Cys Cys Gly Cys   Ala Gly Cys Thr Cys   Thr Thr Cys
    21560                21565                21570

Cys Cys   Gly Cys Thr Gly Ala   Ala Cys Thr Gly Gly   Thr Thr Ala
    21575                21580                21585

Thr Thr   Cys Cys Cys Ala Cys   Ala Cys Cys Cys Gly   Gly Cys Ala
    21590                21595                21600

Thr Cys   Cys Thr Gly Cys Ala   Cys Gly Cys Ala Gly   Cys Ala Gly
    21605                21610                21615

Cys Gly   Cys Gly Cys Gly Thr   Cys Ala Thr Gly Gly   Cys Thr Gly
    21620                21625                21630

Gly Thr   Cys Ala Gly Thr Thr   Gly Cys Ala Cys Cys   Ala Cys Gly
    21635                21640                21645

Cys Thr   Cys Cys Gly Thr Cys   Cys Cys Cys Ala Gly   Cys Gly Gly
    21650                21655                21660

Thr Thr   Cys Thr Gly Gly Gly   Thr Cys Ala Cys Cys   Thr Thr Ala
    21665                21670                21675
```

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Gly Cys   Cys Thr Thr Gly Cys   Thr Gly Gly Gly Cys   Thr Gly Cys
    21680                 21685                 21690

Thr Cys   Cys Thr Thr Cys Ala   Ala Cys Gly Cys Gly   Cys Gly Cys
    21695                 21700                 21705

Thr Gly   Cys Cys Cys Gly Thr   Thr Cys Thr Cys Gly   Cys Thr Gly
    21710                 21715                 21720

Gly Thr   Cys Ala Cys Ala Thr   Cys Cys Ala Thr Cys   Thr Cys Cys
    21725                 21730                 21735

Ala Cys   Cys Ala Cys Gly Thr   Gly Gly Thr Cys Cys   Thr Thr Gly
    21740                 21745                 21750

Thr Gly   Gly Ala Thr Cys Ala   Thr Cys Ala Thr Cys   Gly Thr Cys
    21755                 21760                 21765

Cys Cys   Gly Thr Gly Cys Ala   Gly Ala Cys Ala Cys   Thr Thr Gly
    21770                 21775                 21780

Ala Gly   Cys Thr Gly Gly Cys   Cys Thr Thr Cys Cys   Ala Cys Cys
    21785                 21790                 21795

Thr Cys   Gly Gly Thr Gly Cys   Ala Gly Cys Cys Gly   Thr Gly Ala
    21800                 21805                 21810

Thr Cys   Cys Cys Ala Cys Ala   Gly Gly Gly Cys Gly   Cys Ala Ala
    21815                 21820                 21825

Cys Cys   Gly Gly Thr Gly Cys   Ala Cys Thr Cys Cys   Cys Ala Gly
    21830                 21835                 21840

Thr Thr   Cys Thr Thr Gly Thr   Gly Cys Gly Cys Ala   Ala Thr Cys
    21845                 21850                 21855
```

```
Cys Cys   Gly Cys Thr Gly Thr   Gly Gly Cys Thr Gly   Ala Ala Gly
    21860                 21865                 21870

Ala Thr   Gly Thr Ala Ala Cys   Cys Thr Thr Gly Cys   Ala Ala Cys
    21875                 21880                 21885

Ala Thr   Gly Cys Gly Gly Cys   Cys Cys Ala Thr Gly   Ala Thr Gly
    21890                 21895                 21900

Gly Thr   Gly Cys Thr Ala Ala   Ala Thr Gly Cys Thr   Thr Thr Cys
    21905                 21910                 21915

Thr Gly   Gly Gly Thr Gly Gly   Thr Gly Ala Ala Gly   Gly Thr Cys
    21920                 21925                 21930

Ala Gly   Thr Thr Gly Cys Ala   Thr Cys Cys Cys Gly   Cys Gly Gly
    21935                 21940                 21945

Gly Cys   Cys Thr Cys Cys Thr   Cys Gly Thr Thr Cys   Ala Thr Cys
    21950                 21955                 21960

Cys Ala   Gly Gly Thr Cys Thr   Gly Gly Cys Ala Cys   Ala Thr Cys
    21965                 21970                 21975

Thr Thr   Cys Thr Gly Gly Ala   Ala Gly Ala Thr Cys   Thr Cys Gly
    21980                 21985                 21990

Gly Thr   Cys Thr Gly Cys Thr   Cys Gly Gly Gly Cys   Ala Thr Gly
    21995                 22000                 22005

Ala Gly   Cys Thr Thr Gly Thr   Ala Ala Gly Cys Ala   Thr Cys Gly
    22010                 22015                 22020

Cys Gly   Cys Ala Gly Gly Cys   Cys Gly Cys Thr Gly   Thr Cys Gly
    22025                 22030                 22035

Ala Cys   Gly Cys Gly Gly Thr   Ala Gly Cys Gly Thr   Thr Cys Cys
    22040                 22045                 22050
```

```
Ala Thr   Cys Ala Gly Cys Ala   Cys Gly Thr Thr Cys   Ala Thr Gly
    22055                 22060                 22065

Gly Thr   Ala Thr Cys Cys Ala   Thr Gly Cys Cys Cys   Thr Thr Cys
    22070                 22075                 22080

Thr Cys   Cys Cys Ala Gly Gly   Ala Cys Gly Ala Gly   Ala Cys Cys
    22085                 22090                 22095

Ala Gly   Ala Gly Gly Cys Ala   Gly Ala Cys Thr Cys   Ala Gly Ala
    22100                 22105                 22110

Gly Gly   Gly Thr Thr Gly Cys   Gly Thr Ala Cys Gly   Thr Thr Cys
    22115                 22120                 22125

Ala Gly   Gly Ala Cys Ala Cys   Cys Gly Gly Gly Gly   Gly Thr Cys
    22130                 22135                 22140

Gly Cys   Gly Gly Gly Cys Thr   Cys Gly Ala Cys Gly   Ala Thr Gly
    22145                 22150                 22155

Cys Gly   Thr Thr Thr Thr Cys   Cys Gly Thr Cys Cys   Thr Thr Gly
    22160                 22165                 22170

Cys Cys   Thr Thr Cys Cys Thr   Thr Cys Ala Ala Thr   Ala Gly Ala
    22175                 22180                 22185

Ala Cys   Cys Gly Gly Cys Gly   Gly Cys Thr Gly Gly   Cys Thr Gly
    22190                 22195                 22200

Ala Ala   Thr Cys Cys Cys Ala   Cys Thr Cys Cys Cys   Ala Cys Gly
    22205                 22210                 22215

Ala Thr   Cys Ala Cys Gly Gly   Cys Ala Thr Cys Thr   Thr Cys Cys
    22220                 22225                 22230
```

```
Thr Gly   Gly Gly Gly Cys Ala   Thr Cys Thr Cys Thr   Thr Cys Gly
    22235                 22240                 22245

Thr Cys   Gly Gly Gly Gly Thr   Cys Thr Ala Cys Cys   Thr Thr Gly
    22250                 22255                 22260

Gly Thr   Cys Ala Cys Ala Thr   Gly Cys Thr Thr Gly   Gly Thr Cys
    22265                 22270                 22275

Thr Thr   Thr Cys Thr Gly Gly   Cys Thr Thr Gly Cys   Thr Thr Cys
    22280                 22285                 22290

Thr Thr   Thr Thr Thr Thr Gly   Gly Ala Gly Gly Gly   Cys Thr Gly
    22295                 22300                 22305

Thr Cys   Cys Ala Cys Gly Gly   Gly Gly Ala Gly Cys   Ala Cys Gly
    22310                 22315                 22320

Thr Cys   Cys Thr Cys Cys Thr   Cys Gly Gly Ala Ala   Gly Ala Cys
    22325                 22330                 22335

Cys Cys   Gly Gly Ala Gly Cys   Cys Cys Ala Cys Cys   Cys Gly Cys
    22340                 22345                 22350

Thr Gly   Ala Thr Ala Cys Thr   Thr Thr Cys Gly Gly   Cys Gly Cys
    22355                 22360                 22365

Thr Thr   Gly Gly Thr Gly Gly   Gly Cys Ala Gly Ala   Gly Gly Ala
    22370                 22375                 22380

Gly Gly   Thr Gly Gly Cys Gly   Gly Cys Gly Ala Gly   Gly Gly Gly
    22385                 22390                 22395

Cys Thr   Cys Cys Thr Cys Thr   Cys Cys Thr Gly Cys   Thr Cys Cys
    22400                 22405                 22410

Gly Gly   Cys Gly Gly Ala Thr   Ala Gly Cys Gly Cys   Gly Cys Cys
    22415                 22420                 22425
```

```
Gly Ala   Cys Cys Cys Gly Thr   Gly Gly Cys Cys Cys   Cys Gly Gly
    22430                 22435                 22440

Gly Gly   Cys Gly Gly Ala Gly   Thr Gly Gly Cys Cys   Thr Cys Thr
    22445                 22450                 22455

Cys Gly   Gly Cys Cys Cys Ala   Thr Gly Ala Ala Cys   Cys Gly Gly
    22460                 22465                 22470

Cys Gly   Cys Ala Cys Gly Thr   Cys Cys Thr Gly Ala   Cys Thr Gly
    22475                 22480                 22485

Cys Cys   Gly Cys Cys Gly Gly   Cys Cys Ala Thr Thr   Gly Thr Thr
    22490                 22495                 22500

Thr Cys   Cys Thr Ala Gly Gly   Gly Gly Ala Ala Gly   Ala Thr Gly
    22505                 22510                 22515

Gly Ala   Gly Gly Ala Gly Cys   Ala Gly Cys Cys Gly   Cys Gly Thr
    22520                 22525                 22530

Ala Ala   Gly Cys Ala Gly Gly   Ala Gly Cys Ala Gly   Gly Ala Gly
    22535                 22540                 22545

Gly Ala   Gly Gly Ala Cys Thr   Thr Ala Ala Cys Cys   Ala Cys Cys
    22550                 22555                 22560

Cys Ala   Cys Gly Ala Gly Cys   Ala Ala Cys Cys Cys   Ala Ala Ala
    22565                 22570                 22575

Ala Thr   Cys Gly Ala Gly Cys   Ala Gly Gly Ala Cys   Cys Thr Gly
    22580                 22585                 22590

Gly Gly   Cys Thr Thr Cys Gly   Ala Ala Gly Ala Gly   Cys Cys Gly
    22595                 22600                 22605
```

```
Gly Cys   Thr Cys Gly Thr Cys   Thr Ala Gly Ala Ala   Cys Cys Cys
    22610                 22615                 22620


Cys Cys   Ala Cys Ala Gly Gly   Ala Thr Gly Ala Ala   Cys Ala Gly
    22625                 22630                 22635


Gly Ala   Gly Cys Ala Cys Gly   Ala Gly Cys Ala Ala   Gly Ala Cys
    22640                 22645                 22650


Gly Cys   Ala Gly Gly Cys Cys   Ala Gly Gly Ala Gly   Gly Ala Gly
    22655                 22660                 22665


Ala Cys   Cys Gly Ala Cys Gly   Cys Thr Gly Gly Gly   Cys Thr Cys
    22670                 22675                 22680


Gly Ala   Gly Cys Ala Thr Gly   Gly Cys Thr Ala Cys   Cys Thr Gly
    22685                 22690                 22695


Gly Gly   Ala Gly Gly Ala Gly   Ala Gly Gly Ala Gly   Gly Ala Thr
    22700                 22705                 22710


Gly Thr   Gly Cys Thr Gly Cys   Thr Gly Ala Ala Ala   Cys Ala Cys
    22715                 22720                 22725


Cys Thr   Gly Cys Ala Gly Cys   Gly Cys Cys Ala Gly   Thr Cys Cys
    22730                 22735                 22740


Cys Thr   Cys Ala Thr Cys Cys   Thr Cys Cys Gly Gly   Gly Ala Cys
    22745                 22750                 22755


Gly Cys   Cys Cys Thr Gly Gly   Cys Cys Gly Ala Cys   Cys Gly Gly
    22760                 22765                 22770


Ala Gly   Cys Gly Ala Ala Ala   Cys Cys Cys Cys Cys   Cys Thr Cys
    22775                 22780                 22785


Ala Gly   Cys Gly Thr Cys Gly   Ala Gly Gly Ala Gly   Cys Thr Gly
    22790                 22795                 22800
```

```
Thr Gly   Thr Cys Gly Gly Gly   Cys Cys Thr Ala Cys   Gly Ala Gly
    22805                 22810                 22815

Cys Thr   Cys Ala Ala Cys Cys   Thr Cys Thr Thr Cys   Thr Cys Gly
    22820                 22825                 22830

Cys Cys   Gly Cys Gly Cys Gly   Thr Ala Cys Cys Cys   Cys Cys Cys
    22835                 22840                 22845

Ala Ala   Ala Cys Gly Cys Cys   Ala Gly Cys Cys Cys   Ala Ala Cys
    22850                 22855                 22860

Gly Gly   Cys Ala Cys Cys Thr   Gly Cys Gly Ala Gly   Cys Cys Cys
    22865                 22870                 22875

Ala Ala   Cys Cys Cys Gly Cys   Gly Thr Cys Thr Cys   Ala Ala Cys
    22880                 22885                 22890

Thr Thr   Cys Thr Ala Thr Cys   Cys Cys Gly Thr Cys   Thr Thr Thr
    22895                 22900                 22905

Gly Cys   Gly Gly Thr Cys Cys   Cys Cys Gly Ala Ala   Gly Cys Cys
    22910                 22915                 22920

Cys Thr   Cys Gly Cys Cys Ala   Cys Cys Thr Ala Thr   Cys Ala Cys
    22925                 22930                 22935

Ala Thr   Cys Thr Thr Thr Thr   Thr Cys Ala Ala Gly   Ala Ala Cys
    22940                 22945                 22950

Cys Ala   Ala Ala Ala Gly Ala   Thr Cys Cys Cys Cys   Gly Thr Cys
    22955                 22960                 22965

Thr Cys   Cys Thr Gly Cys Cys   Gly Cys Gly Cys Cys   Ala Ala Cys
    22970                 22975                 22980
```

```
Cys Gly   Cys Ala Cys Cys Ala   Gly Cys Gly Cys Cys   Gly Ala Cys
    22985                 22990                 22995

Gly Cys   Gly Cys Thr Cys Cys   Thr Cys Gly Cys Thr   Thr Thr Gly
    23000                 23005                 23010

Gly Gly   Gly Cys Cys Cys Gly   Gly Cys Gly Cys Gly   Cys Gly Cys
    23015                 23020                 23025

Ala Thr   Ala Cys Cys Thr Gly   Ala Thr Ala Thr Cys   Gly Cys Thr
    23030                 23035                 23040

Thr Cys   Cys Cys Thr Gly Gly   Ala Ala Gly Ala Gly   Gly Thr Gly
    23045                 23050                 23055

Cys Cys   Cys Ala Ala Gly Ala   Thr Cys Thr Thr Cys   Gly Ala Ala
    23060                 23065                 23070

Gly Gly   Gly Cys Thr Cys Gly   Gly Thr Cys Gly Gly   Gly Ala Cys
    23075                 23080                 23085

Gly Ala   Gly Ala Cys Gly Cys   Gly Cys Gly Cys Gly   Gly Cys Gly
    23090                 23095                 23100

Ala Ala   Cys Gly Cys Thr Cys   Thr Gly Ala Ala Ala   Gly Ala Ala
    23105                 23110                 23115

Ala Cys   Ala Gly Cys Ala Gly   Ala Gly Gly Ala Ala   Gly Ala Gly
    23120                 23125                 23130

Gly Gly   Thr Cys Ala Cys Ala   Cys Thr Ala Gly Cys   Gly Cys Cys
    23135                 23140                 23145

Cys Thr   Gly Gly Thr Ala Gly   Ala Gly Thr Thr Gly   Gly Ala Ala
    23150                 23155                 23160

Gly Gly   Cys Gly Ala Cys Ala   Ala Cys Gly Cys Cys   Ala Gly Gly
    23165                 23170                 23175
```

```
Cys Thr   Gly Gly Cys Cys Gly   Thr Gly Cys Thr Cys   Ala Ala Gly
    23180                 23185                 23190

Cys Gly   Cys Ala Gly Cys Gly   Thr Cys Gly Ala Gly   Cys Thr Thr
    23195                 23200                 23205

Ala Cys   Cys Cys Ala Cys Thr   Thr Cys Gly Cys Cys   Thr Ala Cys
    23210                 23215                 23220

Cys Cys   Cys Gly Cys Cys Gly   Thr Cys Ala Ala Cys   Cys Thr Cys
    23225                 23230                 23235

Cys Cys   Gly Cys Cys Cys Ala   Ala Gly Gly Thr Cys   Ala Thr Gly
    23240                 23245                 23250

Cys Gly   Thr Cys Gly Cys Ala   Thr Cys Ala Thr Gly   Gly Ala Thr
    23255                 23260                 23265

Cys Ala   Gly Cys Thr Cys Ala   Thr Cys Ala Thr Gly   Cys Cys Cys
    23270                 23275                 23280

Cys Ala   Cys Ala Thr Cys Gly   Ala Gly Gly Cys Cys   Cys Thr Cys
    23285                 23290                 23295

Gly Ala   Thr Gly Ala Ala Ala   Gly Thr Cys Ala Gly   Gly Ala Gly
    23300                 23305                 23310

Cys Ala   Gly Cys Gly Cys Cys   Cys Cys Gly Ala Gly   Gly Ala Cys
    23315                 23320                 23325

Gly Cys   Cys Cys Gly Gly Cys   Cys Cys Gly Thr Gly   Gly Thr Cys
    23330                 23335                 23340

Ala Gly   Cys Gly Ala Cys Gly   Ala Gly Ala Thr Gly   Cys Thr Cys
    23345                 23350                 23355
```

```
Gly Cys   Gly Cys Gly Cys Thr   Gly Gly Cys Thr Cys   Gly Gly Gly
    23360                 23365                 23370

Ala Cys   Cys Cys Gly Cys Gly   Ala Cys Cys Cys Cys   Cys Ala Gly
    23375                 23380                 23385

Gly Cys   Thr Thr Thr Gly Gly   Ala Ala Cys Ala Gly   Cys Gly Gly
    23390                 23395                 23400

Cys Gly   Cys Ala Ala Ala Cys   Thr Cys Ala Thr Gly   Cys Thr Gly
    23405                 23410                 23415

Gly Cys   Cys Gly Thr Gly Gly   Thr Cys Cys Thr Gly   Gly Thr Cys
    23420                 23425                 23430

Ala Cys   Cys Cys Thr Thr Gly   Ala Gly Cys Thr Cys   Gly Ala Ala
    23435                 23440                 23445

Thr Gly   Cys Ala Thr Gly Cys   Gly Cys Cys Gly Cys   Thr Thr Thr
    23450                 23455                 23460

Thr Thr   Cys Ala Gly Cys Gly   Ala Cys Cys Cys Cys   Gly Ala Gly
    23465                 23470                 23475

Ala Cys   Cys Cys Thr Gly Cys   Gly Cys Ala Ala Gly   Gly Thr Cys
    23480                 23485                 23490

Gly Ala   Gly Gly Ala Gly Ala   Cys Cys Cys Thr Gly   Cys Ala Cys
    23495                 23500                 23505

Thr Ala   Cys Ala Cys Thr Thr   Thr Cys Ala Gly Gly   Cys Ala Cys
    23510                 23515                 23520

Gly Gly   Thr Thr Thr Cys Gly   Thr Cys Ala Gly Gly   Cys Ala Gly
    23525                 23530                 23535

Gly Cys   Cys Thr Gly Cys Ala   Ala Gly Ala Thr Cys   Thr Cys Cys
    23540                 23545                 23550
```

```
Ala Ala   Cys Gly Thr Gly Gly   Ala Gly Cys Thr Gly   Ala Cys Cys
    23555                 23560                 23565


Ala Ala   Cys Cys Thr Gly Gly   Thr Cys Thr Cys Cys   Thr Gly Cys
    23570                 23575                 23580


Cys Thr   Gly Gly Gly Gly Ala   Thr Cys Cys Thr Gly   Cys Ala Cys
    23585                 23590                 23595


Gly Ala   Gly Ala Ala Cys Cys   Gly Cys Cys Thr Gly   Gly Gly Cys
    23600                 23605                 23610


Cys Ala   Gly Ala Cys Cys Gly   Thr Gly Cys Thr Cys   Cys Ala Cys
    23615                 23620                 23625


Thr Cys   Thr Ala Cys Cys Cys   Thr Gly Ala Ala Gly   Gly Gly Cys
    23630                 23635                 23640


Gly Ala   Gly Gly Cys Gly Cys   Gly Gly Cys Gly Gly   Gly Ala Cys
    23645                 23650                 23655


Thr Ala   Thr Gly Thr Cys Cys   Gly Cys Gly Ala Cys   Thr Gly Cys
    23660                 23665                 23670


Gly Thr   Cys Thr Thr Thr Cys   Thr Cys Thr Thr Thr   Cys Thr Cys
    23675                 23680                 23685


Thr Gly   Cys Cys Ala Cys Ala   Cys Ala Thr Gly Gly   Cys Ala Ala
    23690                 23695                 23700


Gly Cys   Gly Gly Cys Cys Ala   Thr Gly Gly Gly Cys   Gly Thr Gly
    23705                 23710                 23715


Thr Gly   Gly Cys Ala Gly Cys   Ala Gly Thr Gly Thr   Cys Thr Cys
    23720                 23725                 23730
```

```
Gly Ala   Gly Gly Ala Cys Gly   Ala Gly Ala Ala Cys   Cys Thr Ala
    23735                 23740                 23745

Ala Ala   Gly Gly Ala Gly Cys   Thr Gly Gly Ala Cys   Ala Ala Gly
    23750                 23755                 23760

Cys Thr   Thr Cys Thr Thr Gly   Cys Thr Ala Gly Ala   Ala Ala Cys
    23765                 23770                 23775

Cys Thr   Thr Ala Ala Ala Ala   Ala Gly Cys Thr Gly   Thr Gly Gly
    23780                 23785                 23790

Ala Cys   Gly Gly Gly Cys Thr   Thr Cys Gly Ala Cys   Gly Ala Gly
    23795                 23800                 23805

Cys Gly   Cys Ala Cys Cys Gly   Thr Cys Gly Cys Cys   Thr Cys Gly
    23810                 23815                 23820

Gly Ala   Cys Cys Thr Gly Gly   Cys Cys Gly Ala Gly   Ala Thr Cys
    23825                 23830                 23835

Gly Thr   Cys Thr Thr Cys Cys   Cys Cys Gly Ala Gly   Cys Gly Cys
    23840                 23845                 23850

Cys Thr   Gly Ala Gly Ala Cys   Ala Gly Ala Cys Gly   Cys Thr Gly
    23855                 23860                 23865

Ala Ala   Ala Gly Gly Cys Gly   Gly Gly Cys Thr Gly   Cys Cys Cys
    23870                 23875                 23880

Gly Ala   Cys Thr Thr Cys Ala   Thr Gly Ala Gly Cys   Cys Ala Gly
    23885                 23890                 23895

Ala Gly   Cys Ala Thr Gly Thr   Thr Gly Cys Ala Ala   Ala Ala Cys
    23900                 23905                 23910

Thr Ala   Cys Cys Gly Cys Ala   Cys Thr Thr Thr Cys   Ala Thr Thr
    23915                 23920                 23925
```

```
Cys Thr   Thr Gly Ala Gly Cys   Gly Ala Thr Cys Ala   Gly Gly Cys
    23930                23935                23940

Ala Thr   Cys Cys Thr Gly Cys   Cys Cys Gly Cys Cys   Ala Cys Cys
    23945                23950                23955

Thr Gly   Cys Ala Ala Cys Gly   Cys Cys Thr Thr Cys   Cys Cys Cys
    23960                23965                23970

Thr Cys   Cys Gly Ala Cys Thr   Thr Thr Gly Thr Ala   Cys Cys Gly
    23975                23980                23985

Cys Thr   Gly Ala Gly Cys Thr   Ala Cys Cys Gly Cys   Gly Ala Gly
    23990                23995                24000

Thr Gly   Thr Cys Cys Cys Cys   Cys Gly Cys Cys Gly   Cys Thr Gly
    24005                24010                24015

Thr Gly   Gly Ala Gly Cys Cys   Ala Cys Thr Gly Cys   Thr Ala Cys
    24020                24025                24030

Cys Thr   Cys Thr Thr Gly Cys   Ala Gly Cys Thr Gly   Gly Cys Cys
    24035                24040                24045

Ala Ala   Cys Thr Ala Cys Ala   Thr Cys Gly Cys Cys   Thr Ala Cys
    24050                24055                24060

Cys Ala   Cys Thr Cys Gly Gly   Ala Cys Gly Thr Gly   Ala Thr Cys
    24065                24070                24075

Gly Ala   Gly Gly Ala Cys Gly   Thr Gly Ala Gly Cys   Gly Gly Cys
    24080                24085                24090

Gly Ala   Gly Gly Gly Gly Cys   Thr Gly Cys Thr Cys   Gly Ala Gly
    24095                24100                24105
```

```
Thr Gly   Cys Cys Ala Cys Thr   Gly Thr Cys Gly Cys   Thr Gly Cys
    24110                 24115                 24120

Ala Ala   Cys Cys Thr Gly Thr   Gly Cys Thr Cys Cys   Cys Cys Gly
    24125                 24130                 24135

Cys Ala   Thr Cys Gly Cys Thr   Cys Cys Cys Thr Gly   Gly Thr Cys
    24140                 24145                 24150

Thr Gly   Cys Ala Ala Cys Cys   Cys Cys Cys Ala Gly   Cys Thr Cys
    24155                 24160                 24165

Cys Thr   Gly Ala Gly Cys Gly   Ala Gly Ala Cys Cys   Cys Ala Gly
    24170                 24175                 24180

Gly Thr   Cys Ala Thr Cys Gly   Gly Thr Ala Cys Cys   Thr Thr Cys
    24185                 24190                 24195

Gly Ala   Gly Cys Thr Gly Cys   Ala Ala Gly Gly Thr   Cys Cys Gly
    24200                 24205                 24210

Cys Ala   Gly Gly Ala Gly Thr   Cys Cys Ala Cys Cys   Gly Cys Thr
    24215                 24220                 24225

Cys Cys   Gly Cys Thr Gly Ala   Ala Ala Cys Thr Cys   Ala Cys Gly
    24230                 24235                 24240

Cys Cys   Gly Gly Gly Gly Thr   Thr Gly Thr Gly Gly   Ala Cys Thr
    24245                 24250                 24255

Thr Cys   Cys Gly Cys Gly Thr   Ala Cys Cys Thr Gly   Cys Gly Cys
    24260                 24265                 24270

Ala Ala   Ala Thr Thr Thr Gly   Thr Ala Cys Cys Cys   Gly Ala Ala
    24275                 24280                 24285

Gly Ala   Cys Thr Ala Cys Cys   Ala Cys Gly Cys Cys   Cys Ala Thr
    24290                 24295                 24300
```

```
Gly Ala   Gly Ala Thr Ala Ala   Ala Gly Thr Thr Cys   Thr Thr Thr
    24305                 24310                 24315

Gly Ala   Gly Gly Ala Cys Cys   Ala Ala Thr Cys Gly   Cys Gly Thr
    24320                 24325                 24330

Cys Cys   Gly Cys Ala Gly Cys   Ala Cys Gly Cys Gly   Gly Ala Thr
    24335                 24340                 24345

Cys Thr   Cys Ala Cys Gly Gly   Cys Cys Thr Gly Cys   Gly Thr Cys
    24350                 24355                 24360

Ala Thr   Cys Ala Cys Cys Cys   Ala Gly Gly Gly Cys   Gly Cys Gly
    24365                 24370                 24375

Ala Thr   Cys Cys Thr Cys Gly   Cys Cys Cys Ala Ala   Thr Thr Gly
    24380                 24385                 24390

Cys Ala   Cys Gly Cys Cys Ala   Thr Cys Cys Ala Ala   Ala Ala Ala
    24395                 24400                 24405

Thr Cys   Cys Cys Gly Cys Cys   Ala Ala Gly Ala Gly   Thr Thr Thr
    24410                 24415                 24420

Cys Thr   Thr Cys Thr Gly Ala   Ala Ala Ala Ala Gly   Gly Gly Thr
    24425                 24430                 24435

Ala Gly   Ala Gly Gly Gly Gly   Thr Cys Thr Ala Cys   Cys Thr Gly
    24440                 24445                 24450

Gly Ala   Cys Cys Cys Cys Cys   Ala Gly Ala Cys Gly   Gly Gly Cys
    24455                 24460                 24465

Gly Ala   Gly Gly Thr Gly Cys   Thr Cys Ala Ala Cys   Cys Cys Gly
    24470                 24475                 24480
```

```
Gly Gly   Thr Cys Thr Cys Cys   Cys Cys Cys Ala Gly   Cys Ala Thr
    24485                 24490                 24495

Gly Cys   Cys Gly Ala Gly Gly   Ala Ala Gly Ala Ala   Gly Cys Ala
    24500                 24505                 24510

Gly Gly   Ala Gly Cys Cys Gly   Cys Thr Ala Gly Thr   Gly Gly Ala
    24515                 24520                 24525

Gly Gly   Ala Gly Ala Thr Gly   Gly Ala Ala Gly Ala   Ala Gly Ala
    24530                 24535                 24540

Ala Thr   Gly Gly Gly Ala Cys   Ala Gly Cys Cys Ala   Gly Gly Cys
    24545                 24550                 24555

Ala Gly   Ala Gly Gly Ala Gly   Gly Ala Cys Gly Ala   Ala Thr Gly
    24560                 24565                 24570

Gly Gly   Ala Gly Gly Ala Gly   Gly Ala Gly Ala Cys   Ala Gly Ala
    24575                 24580                 24585

Gly Gly   Ala Gly Gly Ala Ala   Gly Ala Ala Thr Thr   Gly Gly Ala
    24590                 24595                 24600

Ala Gly   Ala Gly Gly Thr Gly   Gly Ala Ala Gly Ala   Gly Gly Ala
    24605                 24610                 24615

Gly Cys   Ala Gly Gly Cys Ala   Ala Cys Ala Gly Ala   Gly Cys Ala
    24620                 24625                 24630

Gly Cys   Cys Cys Gly Thr Cys   Gly Cys Cys Gly Cys   Ala Cys Cys
    24635                 24640                 24645

Ala Thr   Cys Cys Gly Cys Gly   Cys Cys Gly Gly Cys   Ala Gly Cys
    24650                 24655                 24660

Cys Cys   Cys Gly Cys Cys Gly   Gly Thr Cys Ala Cys   Gly Gly Ala
    24665                 24670                 24675
```

```
Thr Ala   Cys Ala Ala Cys Cys   Thr Cys Cys Gly Cys   Thr Cys Cys
    24680                 24685                 24690

Gly Gly   Thr Cys Ala Ala Gly   Cys Cys Thr Cys Cys   Thr Cys Gly
    24695                 24700                 24705

Thr Ala   Gly Ala Thr Gly Gly   Gly Ala Thr Cys Ala   Ala Gly Thr
    24710                 24715                 24720

Gly Ala   Ala Gly Gly Gly Thr   Gly Ala Cys Gly Gly   Thr Ala Ala
    24725                 24730                 24735

Gly Cys   Ala Cys Gly Ala Gly   Cys Gly Gly Cys Ala   Gly Gly Gly
    24740                 24745                 24750

Cys Thr   Ala Cys Cys Gly Ala   Thr Cys Ala Thr Gly   Gly Ala Gly
    24755                 24760                 24765

Gly Gly   Cys Cys Cys Ala Cys   Ala Ala Ala Gly Cys   Cys Gly Cys
    24770                 24775                 24780

Gly Ala   Thr Cys Ala Thr Cys   Gly Cys Cys Thr Gly   Cys Thr Thr
    24785                 24790                 24795

Gly Cys   Ala Ala Gly Ala Cys   Thr Gly Cys Gly Gly   Gly Gly Gly
    24800                 24805                 24810

Gly Ala   Ala Cys Ala Thr Cys   Gly Cys Thr Thr Thr   Cys Gly Cys
    24815                 24820                 24825

Cys Cys   Gly Cys Cys Gly Cys   Thr Ala Cys Cys Thr   Gly Cys Thr
    24830                 24835                 24840

Cys Thr   Thr Cys Cys Ala Cys   Cys Gly Cys Gly Gly   Gly Gly Thr
    24845                 24850                 24855
```

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Gly Ala   Ala Cys Ala Thr Cys   Cys Cys Cys Cys Gly   Cys Ala Ala
    24860                 24865                 24870

Cys Gly   Thr Gly Thr Thr Gly   Cys Ala Thr Thr Ala   Cys Thr Ala
    24875                 24880                 24885

Cys Cys   Gly Thr Cys Ala Cys   Cys Thr Thr Cys Ala   Cys Ala Gly
    24890                 24895                 24900

Cys Thr   Ala Ala Gly Ala Ala   Ala Ala Ala Gly Cys   Ala Ala Gly
    24905                 24910                 24915

Thr Cys   Ala Ala Ala Gly Gly   Ala Gly Thr Cys Gly   Cys Cys Gly
    24920                 24925                 24930

Gly Ala   Gly Gly Ala Gly Gly   Ala Gly Gly Ala Gly   Gly Ala Gly
    24935                 24940                 24945

Gly Cys   Cys Thr Gly Ala Gly   Gly Ala Thr Cys Gly   Cys Gly Gly
    24950                 24955                 24960

Cys Gly   Ala Ala Cys Gly Ala   Gly Cys Cys Cys Thr   Thr Gly Ala
    24965                 24970                 24975

Cys Cys   Ala Cys Cys Ala Gly   Gly Gly Ala Gly Cys   Thr Gly Ala
    24980                 24985                 24990

Gly Gly   Ala Ala Cys Cys Gly   Gly Ala Thr Cys Thr   Thr Cys Cys
    24995                 25000                 25005

Cys Cys   Ala Cys Thr Cys Thr   Thr Thr Ala Thr Gly   Cys Cys Ala
    25010                 25015                 25020

Thr Thr   Thr Thr Thr Cys Ala   Gly Cys Ala Gly Ala   Gly Thr Cys
    25025                 25030                 25035

Gly Ala   Gly Gly Thr Cys Ala   Gly Cys Ala Gly Cys   Ala Ala Gly
    25040                 25045                 25050
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Ala Gly   Cys Thr Cys Ala Ala   Ala Gly Thr Ala Ala   Ala Ala Ala
    25055                 25060                 25065


Ala Cys   Cys Gly Gly Thr Cys   Thr Cys Thr Gly Cys   Gly Cys Thr
    25070                 25075                 25080


Cys Gly   Cys Thr Cys Ala Cys   Cys Cys Gly Cys Ala   Gly Thr Thr
    25085                 25090                 25095


Gly Cys   Thr Thr Gly Thr Ala   Cys Cys Ala Cys Ala   Ala Ala Ala
    25100                 25105                 25110


Ala Cys   Gly Ala Ala Gly Ala   Thr Cys Ala Gly Cys   Thr Gly Cys
    25115                 25120                 25125


Ala Gly   Cys Gly Cys Ala Cys   Thr Cys Thr Cys Gly   Ala Ala Gly
    25130                 25135                 25140


Ala Cys   Gly Cys Cys Gly Ala   Gly Gly Cys Thr Cys   Thr Gly Thr
    25145                 25150                 25155


Thr Cys   Cys Ala Cys Ala Ala   Gly Thr Ala Cys Thr   Gly Cys Gly
    25160                 25165                 25170


Cys Gly   Cys Thr Cys Ala Cys   Thr Cys Thr Thr Ala   Ala Ala Gly
    25175                 25180                 25185


Ala Cys   Thr Ala Ala Gly Gly   Cys Gly Cys Gly Cys   Cys Cys Ala
    25190                 25195                 25200


Cys Cys   Cys Gly Gly Ala Ala   Ala Ala Ala Ala Gly   Gly Cys Gly
    25205                 25210                 25215


Gly Gly   Ala Ala Thr Thr Ala   Cys Cys Thr Cys Ala   Thr Cys Gly
    25220                 25225                 25230
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Cys Cys   Ala Cys Cys Ala Thr   Gly Ala Gly Cys Ala   Ala Gly Gly
    25235                 25240                 25245


Ala Gly   Ala Thr Thr Cys Cys   Cys Ala Cys Cys Cys   Cys Thr Thr
    25250                 25255                 25260


Ala Cys   Ala Thr Gly Thr Gly   Gly Ala Gly Cys Thr   Ala Thr Cys
    25265                 25270                 25275


Ala Gly   Cys Cys Cys Cys Ala   Ala Ala Thr Gly Gly   Gly Cys Cys
    25280                 25285                 25290


Thr Gly   Gly Cys Cys Gly Cys   Gly Gly Gly Cys Gly   Cys Cys Thr
    25295                 25300                 25305


Cys Cys   Cys Ala Gly Gly Ala   Cys Thr Ala Cys Thr   Cys Cys Ala
    25310                 25315                 25320


Cys Cys   Cys Gly Cys Ala Thr   Gly Ala Ala Cys Thr   Gly Gly Cys
    25325                 25330                 25335


Thr Cys   Ala Gly Thr Gly Cys   Cys Gly Gly Cys Cys   Cys Cys Thr
    25340                 25345                 25350


Cys Gly   Ala Thr Gly Ala Thr   Cys Thr Cys Ala Cys   Gly Gly Gly
    25355                 25360                 25365


Thr Cys   Ala Ala Cys Gly Gly   Gly Gly Thr Cys Cys   Gly Cys Ala
    25370                 25375                 25380


Gly Thr   Cys Ala Thr Cys Gly   Ala Ala Ala Cys Cys   Ala Gly Ala
    25385                 25390                 25395


Thr Ala   Thr Thr Gly Thr Thr   Gly Gly Ala Gly Cys   Ala Gly Gly
    25400                 25405                 25410


Cys Gly   Gly Cys Gly Gly Thr   Cys Ala Cys Cys Thr   Cys Cys Ala
    25415                 25420                 25425
```

```
Cys Gly   Cys Cys Cys Ala Gly   Gly Gly Cys Ala Ala   Ala Gly Cys
    25430                 25435                 25440

Thr Cys   Ala Ala Cys Cys Cys   Gly Cys Gly Thr Ala   Ala Thr Thr
    25445                 25450                 25455

Gly Gly   Cys Cys Cys Thr Cys   Cys Ala Cys Cys Cys   Thr Gly Gly
    25460                 25465                 25470

Thr Gly   Thr Ala Thr Cys Ala   Gly Gly Ala Ala Ala   Thr Cys Cys
    25475                 25480                 25485

Cys Cys   Gly Gly Gly Cys Cys   Gly Ala Cys Thr Ala   Cys Cys Gly
    25490                 25495                 25500

Thr Ala   Cys Thr Ala Cys Thr   Thr Cys Cys Gly Cys   Gly Thr Gly
    25505                 25510                 25515

Ala Cys   Gly Cys Ala Cys Thr   Gly Gly Cys Cys Gly   Ala Ala Gly
    25520                 25525                 25530

Thr Cys   Cys Gly Cys Ala Thr   Gly Ala Cys Thr Ala   Ala Cys Thr
    25535                 25540                 25545

Cys Ala   Gly Gly Thr Gly Thr   Cys Cys Ala Gly Cys   Thr Gly Gly
    25550                 25555                 25560

Cys Cys   Gly Gly Cys Gly Gly   Cys Gly Cys Thr Thr   Cys Cys Cys
    25565                 25570                 25575

Gly Gly   Thr Gly Cys Cys Cys   Gly Cys Thr Cys Cys   Gly Cys Cys
    25580                 25585                 25590

Cys Ala   Cys Ala Ala Thr Cys   Gly Gly Gly Thr Ala   Thr Ala Ala
    25595                 25600                 25605
```

```
Ala Ala   Ala Cys Cys Cys Thr   Gly Gly Thr Gly Ala   Thr Cys Cys
    25610                 25615                 25620

Gly Ala   Gly Gly Cys Ala Gly   Ala Gly Gly Cys Ala   Cys Ala Cys
    25625                 25630                 25635

Ala Gly   Cys Thr Cys Ala Ala   Cys Gly Ala Cys Gly   Ala Gly Thr
    25640                 25645                 25650

Thr Gly   Gly Thr Gly Ala Gly   Cys Thr Cys Thr Thr   Cys Gly Ala
    25655                 25660                 25665

Thr Cys   Gly Gly Thr Cys Thr   Gly Cys Gly Ala Cys   Cys Gly Gly
    25670                 25675                 25680

Ala Cys   Gly Gly Ala Gly Thr   Gly Thr Thr Cys Cys   Ala Ala Cys
    25685                 25690                 25695

Thr Ala   Gly Cys Cys Gly Gly   Ala Gly Cys Cys Gly   Gly Gly Ala
    25700                 25705                 25710

Gly Ala   Thr Cys Cys Thr Cys   Cys Thr Thr Cys Ala   Cys Thr Cys
    25715                 25720                 25725

Cys Cys   Ala Ala Cys Cys Ala   Gly Gly Cys Cys Thr   Ala Cys Cys
    25730                 25735                 25740

Thr Gly   Ala Cys Cys Thr Thr   Gly Cys Ala Gly Ala   Gly Cys Ala
    25745                 25750                 25755

Gly Cys   Thr Cys Thr Thr Cys   Gly Gly Ala Gly Cys   Cys Thr Cys
    25760                 25765                 25770

Gly Cys   Thr Cys Cys Gly Gly   Ala Gly Gly Cys Ala   Thr Cys Gly
    25775                 25780                 25785

Gly Ala   Ala Cys Cys Cys Thr   Cys Cys Ala Gly Thr   Thr Thr Gly
    25790                 25795                 25800
```

```
Thr Gly   Gly Ala Gly Gly Ala   Gly Thr Thr Thr Gly   Thr Gly Cys
    25805                25810                25815

Cys Cys   Thr Cys Gly Gly Thr   Cys Thr Ala Cys Thr   Thr Cys Ala
    25820                25825                25830

Ala Cys   Cys Cys Cys Thr Thr   Cys Thr Cys Gly Gly   Gly Ala Thr
    25835                25840                25845

Cys Gly   Cys Cys Ala Gly Gly   Cys Cys Thr Cys Thr   Ala Cys Cys
    25850                25855                25860

Cys Gly   Gly Ala Cys Gly Ala   Gly Thr Thr Cys Ala   Thr Ala Cys
    25865                25870                25875

Cys Gly   Ala Ala Cys Thr Thr   Cys Gly Ala Cys Gly   Cys Ala Gly
    25880                25885                25890

Thr Gly   Ala Gly Ala Gly Ala   Ala Gly Cys Gly Gly   Thr Gly Gly
    25895                25900                25905

Ala Cys   Gly Gly Cys Thr Ala   Cys Gly Ala Cys Thr   Gly Ala Ala
    25910                25915                25920

Thr Gly   Thr Cys Cys Cys Ala   Thr Gly Gly Thr Gly   Ala Cys Thr
    25925                25930                25935

Cys Gly   Gly Cys Thr Gly Ala   Gly Cys Thr Cys Gly   Cys Thr Cys
    25940                25945                25950

Gly Gly   Thr Thr Gly Ala Gly   Gly Cys Ala Thr Cys   Thr Gly Gly
    25955                25960                25965

Ala Cys   Cys Ala Cys Thr Gly   Cys Cys Gly Cys Cys   Gly Cys Cys
    25970                25975                25980
```

```
Thr Gly   Cys Gly Cys Thr Gly   Cys Thr Thr Cys Gly   Cys Cys Cys
    25985                 25990                 25995


Gly Gly   Gly Ala Gly Ala Gly   Cys Thr Gly Cys Gly   Gly Ala Cys
    26000                 26005                 26010


Thr Cys   Ala Thr Cys Thr Ala   Cys Thr Thr Thr Gly   Ala Gly Thr
    26015                 26020                 26025


Thr Thr   Cys Cys Cys Gly Ala   Gly Gly Ala Gly Cys   Ala Cys Cys
    26030                 26035                 26040


Cys Cys   Ala Ala Cys Gly Gly   Cys Cys Cys Thr Gly   Cys Ala Cys
    26045                 26050                 26055


Ala Cys   Gly Gly Ala Gly Thr   Gly Cys Gly Gly Ala   Thr Cys Ala
    26060                 26065                 26070


Cys Cys   Gly Thr Ala Gly Ala   Gly Gly Gly Cys Ala   Cys Cys Ala
    26075                 26080                 26085


Cys Cys   Gly Ala Gly Thr Cys   Thr Cys Ala Cys Cys   Thr Gly Gly
    26090                 26095                 26100


Thr Cys   Ala Gly Gly Thr Thr   Cys Thr Thr Cys Ala   Cys Cys Cys
    26105                 26110                 26115


Ala Gly   Cys Ala Ala Cys Cys   Cys Thr Thr Cys Cys   Thr Gly Gly
    26120                 26125                 26130


Thr Cys   Gly Ala Gly Cys Gly   Gly Gly Ala Cys Cys   Gly Gly Gly
    26135                 26140                 26145


Gly Cys   Gly Cys Cys Ala Cys   Cys Ala Cys Cys Thr   Ala Cys Ala
    26150                 26155                 26160


Cys Cys   Gly Thr Cys Thr Ala   Cys Thr Gly Cys Ala   Thr Cys Thr
    26165                 26170                 26175
```

```
Gly Thr   Cys Cys Ala Ala Cys   Cys Cys Cys Gly Ala   Ala Gly Thr
    26180                 26185                 26190

Thr Gly   Cys Ala Thr Gly Ala   Gly Ala Ala Thr Thr   Thr Thr Thr
    26195                 26200                 26205

Gly Thr   Thr Gly Thr Ala Cys   Thr Cys Thr Thr Thr   Gly Thr Gly
    26210                 26215                 26220

Gly Thr   Gly Ala Gly Thr Thr   Thr Ala Ala Thr Ala   Ala Ala Ala
    26225                 26230                 26235

Gly Cys   Thr Ala Ala Ala Cys   Thr Cys Thr Thr Gly   Cys Ala Ala
    26240                 26245                 26250

Thr Ala   Cys Thr Cys Thr Gly   Gly Ala Cys Cys Thr   Thr Gly Thr
    26255                 26260                 26265

Cys Gly   Thr Cys Gly Thr Cys   Ala Ala Cys Thr Cys   Ala Ala Cys
    26270                 26275                 26280

Gly Ala   Gly Ala Cys Cys Gly   Thr Cys Thr Ala Cys   Cys Thr Cys
    26285                 26290                 26295

Ala Cys   Cys Ala Ala Cys Cys   Ala Gly Ala Cys Thr   Gly Ala Gly
    26300                 26305                 26310

Gly Thr   Ala Ala Ala Ala Cys   Thr Cys Ala Cys Cys   Thr Gly Cys
    26315                 26320                 26325

Ala Gly   Ala Cys Cys Ala Cys   Ala Cys Ala Ala Gly   Ala Cys Cys
    26330                 26335                 26340

Thr Ala   Thr Ala Thr Cys Ala   Thr Cys Thr Gly Gly   Thr Thr Cys
    26345                 26350                 26355
```

```
Thr Thr   Cys Gly Ala Gly Ala   Ala Cys Ala Cys Cys   Thr Cys Ala
    26360                 26365                 26370

Thr Thr   Thr Gly Cys Ala Gly   Thr Cys Thr Cys Cys   Ala Ala Cys
    26375                 26380                 26385

Ala Cys   Thr Cys Ala Cys Thr   Gly Cys Ala Cys Thr   Ala Gly Thr
    26390                 26395                 26400

Cys Cys   Ala Thr Gly Ala Ala   Cys Thr Gly Ala Thr   Gly Thr Thr
    26405                 26410                 26415

Gly Ala   Thr Thr Ala Ala Ala   Ala Gly Cys Cys Cys   Ala Ala Ala
    26420                 26425                 26430

Ala Ala   Cys Cys Ala Ala Thr   Cys Ala Gly Cys Cys   Cys Cys Thr
    26435                 26440                 26445

Thr Cys   Cys Cys Cys Cys Ala   Thr Thr Thr Cys Cys   Cys Cys Ala
    26450                 26455                 26460

Thr Cys   Cys Cys Cys Cys Ala   Ala Thr Thr Ala Cys   Thr Cys Ala
    26465                 26470                 26475

Thr Ala   Ala Ala Ala Ala Ala   Thr Ala Ala Ala Thr   Cys Ala Thr
    26480                 26485                 26490

Thr Gly   Gly Ala Ala Thr Thr   Ala Ala Thr Cys Ala   Thr Thr Cys
    26495                 26500                 26505

Ala Ala   Thr Ala Ala Ala Gly   Ala Thr Cys Ala Cys   Thr Thr Ala
    26510                 26515                 26520

Cys Thr   Thr Gly Ala Ala Ala   Thr Cys Thr Gly Ala   Ala Ala Gly
    26525                 26530                 26535

Thr Ala   Thr Gly Thr Cys Thr   Cys Thr Gly Gly Thr   Gly Thr Ala
    26540                 26545                 26550
```

```
Gly Thr   Thr Gly Thr Thr Cys   Ala Gly Cys Ala Gly   Cys Ala Cys
    26555                 26560                 26565


Cys Thr   Cys Gly Gly Thr Ala   Cys Cys Cys Thr Cys   Cys Thr Cys
    26570                 26575                 26580


Cys Cys   Ala Gly Cys Thr Cys   Thr Gly Gly Thr Ala   Cys Thr Cys
    26585                 26590                 26595


Cys Ala   Gly Thr Cys Cys Cys   Cys Gly Gly Cys Gly   Gly Gly Cys
    26600                 26605                 26610


Gly Gly   Cys Gly Ala Ala Cys   Thr Thr Cys Cys Thr   Cys Cys Ala
    26615                 26620                 26625


Cys Ala   Cys Cys Thr Thr Gly   Ala Ala Ala Gly Gly   Gly Ala Thr
    26630                 26635                 26640


Gly Thr   Cys Ala Ala Ala Thr   Thr Cys Cys Thr Gly   Gly Thr Cys
    26645                 26650                 26655


Cys Ala   Cys Ala Ala Thr Thr   Thr Thr Cys Ala Thr   Thr Gly Thr
    26660                 26665                 26670


Cys Thr   Thr Cys Cys Cys Thr   Cys Thr Cys Ala Gly   Ala Thr Gly
    26675                 26680                 26685


Gly Cys   Ala Ala Ala Gly Ala   Gly Gly Cys Thr Cys   Cys Gly Gly
    26690                 26695                 26700


Gly Thr   Gly Gly Ala Ala Gly   Ala Thr Gly Ala Cys   Thr Thr Cys
    26705                 26710                 26715


Ala Ala   Cys Cys Cys Cys Gly   Thr Cys Thr Ala Cys   Cys Cys Cys
    26720                 26725                 26730
```

```
Thr Ala   Thr Gly Gly Cys Thr   Ala Cys Gly Cys Gly   Cys Gly Gly
    26735                 26740                 26745


Ala Ala   Thr Cys Ala Gly Ala   Ala Thr Ala Thr Cys   Cys Cys Cys
    26750                 26755                 26760


Thr Thr   Cys Cys Thr Cys Ala   Cys Thr Cys Cys Cys   Cys Cys Cys
    26765                 26770                 26775


Thr Thr   Thr Gly Thr Cys Thr   Cys Cys Thr Cys Cys   Gly Ala Thr
    26780                 26785                 26790


Gly Gly   Ala Thr Thr Cys Ala   Ala Ala Ala Ala Cys   Thr Thr Cys
    26795                 26800                 26805


Cys Cys   Cys Cys Cys Thr Gly   Gly Gly Gly Thr Cys   Cys Thr Gly
    26810                 26815                 26820


Thr Cys   Ala Cys Thr Thr Ala   Ala Ala Cys Thr Gly   Gly Cys Thr
    26825                 26830                 26835


Gly Ala   Thr Cys Cys Ala Ala   Thr Cys Ala Cys Cys   Ala Thr Cys
    26840                 26845                 26850


Ala Ala   Cys Ala Ala Thr Gly   Gly Gly Gly Ala Thr   Gly Thr Cys
    26855                 26860                 26865


Thr Cys   Ala Cys Thr Thr Ala   Ala Gly Gly Thr Gly   Gly Gly Ala
    26870                 26875                 26880


Gly Gly   Gly Gly Gly Ala Cys   Thr Thr Gly Cys Thr   Gly Thr Ala
    26885                 26890                 26895


Gly Ala   Gly Cys Ala Ala Cys   Ala Gly Ala Cys Thr   Gly Gly Thr
    26900                 26905                 26910


Ala Ala   Cys Cys Thr Ala Ala   Gly Cys Gly Thr Ala   Ala Ala Cys
    26915                 26920                 26925
```

```
Cys Cys   Thr Gly Ala Thr Gly   Cys Ala Cys Cys Cys   Thr Thr Gly
    26930                 26935                 26940

Cys Ala   Ala Gly Thr Thr Gly   Cys Ala Ala Gly Thr   Gly Ala Thr
    26945                 26950                 26955

Ala Ala   Gly Cys Thr Ala Cys   Ala Gly Cys Thr Thr   Gly Cys Thr
    26960                 26965                 26970

Cys Thr   Gly Gly Cys Thr Cys   Cys Thr Cys Cys Ala   Thr Thr Cys
    26975                 26980                 26985

Gly Ala   Gly Gly Thr Cys Ala   Gly Ala Gly Ala Thr   Gly Gly Ala
    26990                 26995                 27000

Ala Ala   Gly Cys Thr Thr Gly   Cys Thr Thr Thr Ala   Ala Ala Gly
    27005                 27010                 27015

Gly Cys   Ala Gly Gly Thr Ala   Ala Thr Gly Gly Ala   Thr Thr Ala
    27020                 27025                 27030

Ala Ala   Ala Gly Thr Ala Cys   Thr Ala Gly Ala Thr   Ala Ala Thr
    27035                 27040                 27045

Thr Cys   Cys Ala Thr Thr Ala   Cys Thr Gly Gly Ala   Thr Thr Gly
    27050                 27055                 27060

Ala Cys   Thr Gly Gly Ala Thr   Thr Ala Thr Thr Gly   Ala Ala Thr
    27065                 27070                 27075

Ala Cys   Ala Cys Thr Thr Gly   Thr Gly Gly Thr Ala   Thr Thr Ala
    27080                 27085                 27090

Ala Cys   Thr Gly Gly Ala Ala   Gly Gly Gly Gly Ala   Ala Thr Ala
    27095                 27100                 27105
```

```
Gly Gly   Ala Ala Cys Gly Gly   Ala Gly Gly Ala Ala   Thr Thr Ala
    27110                 27115                 27120

Ala Ala   Ala Ala Ala Thr Gly   Ala Cys Gly Ala Thr   Gly Gly Thr
    27125                 27130                 27135

Gly Thr   Ala Ala Cys Ala Ala   Ala Cys Ala Ala Ala   Gly Gly Ala
    27140                 27145                 27150

Gly Thr   Cys Gly Gly Cys Thr   Thr Gly Cys Gly Thr   Gly Thr Ala
    27155                 27160                 27165

Ala Gly   Ala Cys Thr Thr Gly   Gly Ala Gly Ala Thr   Gly Ala Cys
    27170                 27175                 27180

Gly Gly   Cys Gly Gly Gly Cys   Thr Gly Ala Cys Ala   Thr Thr Thr
    27185                 27190                 27195

Gly Ala   Thr Ala Ala Ala Ala   Ala Gly Gly Gly Thr   Gly Ala Thr
    27200                 27205                 27210

Thr Thr   Ala Gly Thr Ala Gly   Cys Cys Thr Gly Gly   Ala Ala Thr
    27215                 27220                 27225

Ala Ala   Ala Ala Ala Ala Gly   Ala Thr Gly Ala Cys   Ala Gly Gly
    27230                 27235                 27240

Cys Gly   Cys Ala Cys Cys Cys   Thr Gly Thr Gly Gly   Ala Cys Ala
    27245                 27250                 27255

Ala Cys   Cys Cys Cys Thr Gly   Ala Cys Ala Cys Ala   Thr Cys Thr
    27260                 27265                 27270

Cys Cys   Ala Ala Ala Thr Thr   Gly Cys Ala Ala Ala   Ala Thr Gly
    27275                 27280                 27285

Ala Gly   Thr Ala Cys Ala Gly   Ala Ala Ala Ala Gly   Gly Ala Thr
    27290                 27295                 27300
```

```
Thr Cys   Thr Ala Ala Ala Cys   Thr Thr Ala Cys Gly   Thr Thr Gly
    27305                 27310                 27315

Ala Cys   Ala Cys Thr Thr Ala   Cys Ala Ala Ala Gly   Thr Gly Thr
    27320                 27325                 27330

Gly Gly   Ala Ala Gly Thr Cys   Ala Gly Gly Thr Thr   Cys Thr Gly
    27335                 27340                 27345

Gly Gly   Ala Ala Ala Thr Gly   Thr Ala Thr Cys Thr   Thr Thr Ala
    27350                 27355                 27360

Cys Thr   Thr Gly Cys Ala Gly   Thr Thr Ala Cys Ala   Gly Gly Thr
    27365                 27370                 27375

Gly Ala   Ala Thr Ala Thr Cys   Ala Thr Cys Ala Ala   Ala Thr Gly
    27380                 27385                 27390

Ala Cys   Thr Gly Cys Thr Ala   Cys Thr Ala Cys Ala   Ala Ala Gly
    27395                 27400                 27405

Ala Ala   Gly Gly Ala Thr Gly   Thr Ala Ala Ala Ala   Ala Thr Ala
    27410                 27415                 27420

Thr Cys   Thr Thr Thr Ala Cys   Thr Ala Thr Thr Thr   Gly Ala Thr
    27425                 27430                 27435

Gly Ala   Gly Ala Ala Thr Gly   Gly Ala Ala Thr Thr   Cys Thr Ala
    27440                 27445                 27450

Thr Thr   Ala Cys Cys Ala Thr   Cys Thr Thr Cys Gly   Thr Cys Cys
    27455                 27460                 27465

Cys Thr   Thr Ala Gly Cys Ala   Ala Ala Gly Ala Thr   Thr Ala Thr
    27470                 27475                 27480
```

```
Thr Gly   Gly Ala Ala Thr Thr   Ala Cys Ala Gly Ala   Ala Gly Thr
    27485                 27490                 27495


Gly Ala   Thr Gly Ala Thr Thr   Cys Thr Ala Thr Thr   Gly Thr Ala
    27500                 27505                 27510


Thr Cys   Thr Cys Ala Ala Ala   Ala Ala Thr Ala Thr   Ala Ala Thr
    27515                 27520                 27525


Ala Ala   Thr Gly Cys Ala Gly   Thr Thr Cys Cys Ala   Thr Thr Cys
    27530                 27535                 27540


Ala Thr   Gly Cys Cys Ala Ala   Ala Cys Cys Thr Gly   Ala Cys Ala
    27545                 27550                 27555


Gly Cys   Thr Thr Ala Thr Cys   Cys Ala Ala Ala Ala   Cys Cys Ala
    27560                 27565                 27570


Ala Gly   Cys Gly Cys Thr Cys   Ala Ala Ala Ala Thr   Gly Cys Ala
    27575                 27580                 27585


Ala Ala   Ala Ala Ala Cys Thr   Ala Thr Thr Cys Ala   Ala Gly Ala
    27590                 27595                 27600


Ala Cys   Thr Ala Ala Ala Ala   Thr Cys Ala Thr Ala   Ala Gly Thr
    27605                 27610                 27615


Ala Ala   Thr Gly Thr Cys Thr   Ala Cys Thr Thr Ala   Gly Gly Thr
    27620                 27625                 27630


Gly Cys   Thr Cys Thr Thr Ala   Cys Cys Thr Ala Cys   Cys Ala Ala
    27635                 27640                 27645


Cys Cys   Thr Gly Thr Ala Ala   Thr Thr Ala Thr Cys   Ala Cys Thr
    27650                 27655                 27660


Ala Thr   Thr Gly Cys Ala Thr   Thr Thr Ala Ala Thr   Cys Ala Gly
    27665                 27670                 27675
```

```
Gly Ala   Ala Ala Cys Thr Gly   Ala Ala Ala Ala Thr   Gly Gly Ala
    27680                 27685                 27690

Thr Gly   Thr Gly Cys Thr Thr   Ala Thr Thr Cys Thr   Ala Thr Ala
    27695                 27700                 27705

Ala Cys   Ala Thr Thr Thr Ala   Cys Cys Thr Thr Cys   Ala Cys Thr
    27710                 27715                 27720

Thr Gly   Gly Cys Ala Ala Ala   Ala Ala Gly Ala Cys   Thr Ala Thr
    27725                 27730                 27735

Thr Cys   Thr Gly Cys Cys Cys   Ala Ala Cys Ala Gly   Thr Thr Thr
    27740                 27745                 27750

Gly Ala   Thr Gly Thr Thr Ala   Cys Ala Thr Cys Thr   Thr Thr Thr
    27755                 27760                 27765

Ala Cys   Cys Thr Thr Cys Thr   Cys Ala Thr Ala Thr   Cys Thr Thr
    27770                 27775                 27780

Ala Cys   Cys Cys Ala Ala Gly   Ala Gly Ala Ala Cys   Ala Ala Ala
    27785                 27790                 27795

Gly Ala   Cys Ala Ala Ala Gly   Ala Cys Thr Ala Ala   Thr Ala Ala
    27800                 27805                 27810

Ala Ala   Thr Gly Thr Thr Thr   Thr Gly Ala Ala Cys   Thr Gly Ala
    27815                 27820                 27825

Ala Thr   Thr Thr Ala Thr Gly   Ala Ala Thr Cys Thr   Thr Thr Ala
    27830                 27835                 27840

Thr Thr   Thr Ala Thr Thr Thr   Thr Thr Ala Cys Ala   Cys Cys Ala
    27845                 27850                 27855
```

```
Gly Cys   Ala Cys Gly Gly Gly   Thr Ala Gly Thr Cys   Ala Gly Thr
    27860                 27865                 27870

Thr Thr   Cys Cys Cys Ala Cys   Cys Ala Cys Cys Ala   Gly Cys Cys
    27875                 27880                 27885

Cys Ala   Thr Thr Thr Cys Ala   Cys Ala Gly Thr Gly   Thr Ala Ala
    27890                 27895                 27900

Ala Cys   Ala Gly Thr Cys Cys   Thr Thr Thr Cys Thr   Cys Cys Cys
    27905                 27910                 27915

Cys Gly   Gly Cys Thr Gly Gly   Cys Cys Thr Thr Ala   Ala Ala Ala
    27920                 27925                 27930

Ala Gly   Cys Ala Thr Cys Ala   Thr Ala Thr Cys Ala   Thr Gly Gly
    27935                 27940                 27945

Gly Thr   Ala Ala Cys Ala Gly   Ala Cys Ala Thr Ala   Thr Thr Cys
    27950                 27955                 27960

Thr Thr   Ala Gly Gly Thr Gly   Thr Thr Ala Thr Ala   Thr Thr Cys
    27965                 27970                 27975

Cys Ala   Cys Ala Cys Gly Gly   Thr Thr Thr Cys Cys   Thr Gly Thr
    27980                 27985                 27990

Cys Gly   Ala Gly Cys Cys Ala   Ala Ala Cys Gly Cys   Thr Cys Ala
    27995                 28000                 28005

Thr Cys   Ala Gly Thr Gly Ala   Thr Ala Thr Thr Ala   Ala Thr Ala
    28010                 28015                 28020

Ala Ala   Cys Thr Cys Cys Cys   Cys Gly Gly Gly Cys   Ala Gly Cys
    28025                 28030                 28035

Thr Cys   Ala Cys Thr Thr Ala   Ala Gly Thr Thr Cys   Ala Thr Gly
    28040                 28045                 28050
```

```
Thr Cys   Gly Cys Thr Gly Thr   Cys Cys Ala Gly Cys   Thr Gly Cys
    28055                 28060                 28065


Thr Gly   Ala Gly Cys Cys Ala   Cys Ala Gly Gly Cys   Thr Gly Cys
    28070                 28075                 28080


Thr Gly   Thr Cys Cys Ala Ala   Cys Thr Thr Gly Cys   Gly Gly Thr
    28085                 28090                 28095


Thr Gly   Cys Thr Thr Ala Ala   Cys Gly Gly Gly Cys   Gly Gly Cys
    28100                 28105                 28110


Gly Ala   Ala Gly Gly Ala Gly   Ala Ala Gly Thr Cys   Cys Ala Cys
    28115                 28120                 28125


Gly Cys   Cys Thr Ala Cys Ala   Thr Gly Gly Gly Gly   Gly Thr Ala
    28130                 28135                 28140


Gly Ala   Gly Thr Cys Ala Thr   Ala Ala Thr Cys Gly   Thr Gly Cys
    28145                 28150                 28155


Ala Thr   Cys Ala Gly Gly Ala   Thr Ala Gly Gly Gly   Cys Gly Gly
    28160                 28165                 28170


Thr Gly   Gly Thr Gly Cys Thr   Gly Cys Ala Gly Cys   Ala Gly Cys
    28175                 28180                 28185


Gly Cys   Gly Cys Gly Ala Ala   Thr Ala Ala Ala Cys   Thr Gly Cys
    28190                 28195                 28200


Thr Gly   Cys Cys Gly Cys Cys   Gly Cys Cys Gly Cys   Thr Cys Cys
    28205                 28210                 28215


Gly Thr   Cys Cys Thr Gly Cys   Ala Gly Gly Ala Ala   Thr Ala Cys
    28220                 28225                 28230
```

```
Ala Ala   Cys Ala Thr Gly Gly   Cys Ala Gly Thr Gly   Gly Thr Cys
    28235                 28240                 28245


Thr Cys   Cys Thr Cys Ala Gly   Cys Gly Ala Thr Gly   Ala Thr Thr
    28250                 28255                 28260


Cys Gly   Cys Ala Cys Cys Gly   Cys Cys Cys Gly Cys   Ala Gly Cys
    28265                 28270                 28275


Ala Thr   Ala Ala Gly Gly Cys   Gly Cys Cys Thr Thr   Gly Thr Cys
    28280                 28285                 28290


Cys Thr   Cys Cys Gly Gly Gly   Cys Ala Cys Ala Gly   Cys Ala Gly
    28295                 28300                 28305


Cys Gly   Cys Ala Cys Cys Cys   Thr Gly Ala Thr Cys   Thr Cys Ala
    28310                 28315                 28320


Cys Thr   Thr Ala Ala Ala Thr   Cys Ala Gly Cys Ala   Cys Ala Gly
    28325                 28330                 28335


Thr Ala   Ala Cys Thr Gly Cys   Ala Gly Cys Ala Cys   Ala Gly Cys
    28340                 28345                 28350


Ala Cys   Cys Ala Cys Ala Ala   Thr Ala Thr Thr Gly   Thr Thr Cys
    28355                 28360                 28365


Ala Ala   Ala Ala Thr Cys Cys   Cys Ala Cys Ala Gly   Thr Gly Cys
    28370                 28375                 28380


Ala Ala   Gly Gly Cys Gly Cys   Thr Gly Thr Ala Thr   Cys Cys Ala
    28385                 28390                 28395


Ala Ala   Gly Cys Thr Cys Ala   Thr Gly Gly Cys Gly   Gly Gly Gly
    28400                 28405                 28410


Ala Cys   Cys Ala Cys Ala Gly   Ala Ala Cys Cys Cys   Ala Cys Gly
    28415                 28420                 28425
```

```
Thr Gly   Gly Cys Cys Ala Thr   Cys Ala Thr Ala Cys   Cys Ala Cys
    28430                 28435                 28440

Ala Ala   Gly Cys Gly Cys Ala   Gly Gly Thr Ala Gly   Ala Thr Thr
    28445                 28450                 28455

Ala Ala   Gly Thr Gly Gly Cys   Gly Ala Cys Cys Cys   Cys Thr Cys
    28460                 28465                 28470

Ala Thr   Ala Ala Ala Cys Ala   Cys Gly Cys Thr Gly   Gly Ala Cys
    28475                 28480                 28485

Ala Thr   Ala Ala Ala Cys Ala   Thr Thr Ala Cys Cys   Thr Cys Thr
    28490                 28495                 28500

Thr Thr   Thr Gly Gly Cys Ala   Thr Gly Thr Thr Gly   Thr Ala Ala
    28505                 28510                 28515

Thr Thr   Cys Ala Cys Cys Ala   Cys Cys Thr Cys Cys   Cys Gly Gly
    28520                 28525                 28530

Thr Ala   Cys Cys Ala Thr Ala   Thr Ala Ala Ala Cys   Cys Thr Cys
    28535                 28540                 28545

Thr Gly   Ala Thr Thr Ala Ala   Ala Cys Ala Thr Gly   Gly Cys Gly
    28550                 28555                 28560

Cys Cys   Ala Thr Cys Cys Ala   Cys Cys Ala Cys Cys   Ala Thr Cys
    28565                 28570                 28575

Cys Thr   Ala Ala Ala Cys Cys   Ala Gly Cys Thr Gly   Gly Cys Cys
    28580                 28585                 28590

Ala Ala   Ala Ala Cys Cys Thr   Gly Cys Cys Cys Gly   Cys Cys Gly
    28595                 28600                 28605
```

```
Gly Cys   Thr Ala Thr Ala Cys   Ala Cys Thr Gly Cys   Ala Gly Gly
    28610                 28615                 28620


Gly Ala   Ala Cys Cys Gly Gly   Gly Ala Cys Thr Gly   Gly Ala Ala
    28625                 28630                 28635


Cys Ala   Ala Thr Gly Ala Cys   Ala Gly Thr Gly Gly   Ala Gly Ala
    28640                 28645                 28650


Gly Cys   Cys Cys Ala Gly Gly   Ala Cys Thr Cys Gly   Thr Ala Ala
    28655                 28660                 28665


Cys Cys   Ala Thr Gly Gly Ala   Thr Cys Ala Thr Cys   Ala Thr Gly
    28670                 28675                 28680


Cys Thr   Cys Gly Thr Cys Ala   Thr Gly Ala Thr Ala   Thr Cys Ala
    28685                 28690                 28695


Ala Thr   Gly Thr Thr Gly Gly   Cys Ala Cys Ala Ala   Cys Ala Cys
    28700                 28705                 28710


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Lys Pro Ile Tyr Ala Asp Lys Thr Phe Gln Pro Glu Pro Gln Ile Gly
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Glu Glu Ser Trp Thr Asp Thr Asp Gly Thr Asn Glu Lys Phe Gly Gly
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Gly Tyr Asn Val Ala Gln Cys Asn Met Thr Lys Asp Trp Phe Leu Val
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Ala Pro Thr Met Arg Gln Gly Gln Pro Tyr Pro Ala Asn Phe Pro Tyr
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agacccaact acattggctt tagggacaac tttgtaggtc tcatgtatta caacagcacc 960

ggaaatatgg gtgtgctggc tggtcaggct tctcagttga acgctgtggt cgacttgcaa 1020

gacagaaaca ccgagttatc ttaccagcta ttgctagatt ctctgggtga cagaaccaga 1080

tactttagca tgtggaactc tgcggtggac agttacgatc cagatgtcag gatcattgaa 1140

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acgtttgccg acaggggggt ggaaataggc tcgggaaaca tgttcgccat ggagatcaac 1320

ctgcaggcca acctgtggaa gagttttctg tactcgaacg tggccctgta cctgcccgac 1380

tcctacaagt acacgccggc caacgtcaag ctgcccgcca acaccaacac ctacgagtac 1440

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tggtcgttgg atcccatgga caacgtcaac cccttcaacc accaccgcaa tgcgggcctg 1560

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aacttccgca aggacgtcaa catgatcctg cagagttccc tcggcaacga cctgcgcgtc 1740

gacggcgcct ccgtccgctt cgacagcgtc aacctatacg ccactttctt ccccatggcg 1800

cacaacaccg cttcaacctt ggaagccatg ctgcgcaacg acaccaacga ccagtccttc 1860

aacgactacc tctcggccgc caacatgctc taccccatcc cggccaaggc caccaacgtg 1920

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tccatcccct acctcgacgg gaccttctac ctcaaccaca ccttcaagaa ggtctccatc 2100

atgttcgact cctcggtcag ctggcccggc aacgaccggc tgctcacgcc gaacgagttc 2160

gagatcaagc gcagcgtcga cggggagggc tacaacgtgg cccaatgcaa catgaccaag 2220

gactggttcc tcgtccagat gctctcccac tacaacatcg gctaccaggg cttccacgtg 2280

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<210> 26
<211> 954
<212> PRT
<213> Artificial Sequence

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<400> 26

Met Ala Thr Pro Ser Met Met Pro Gln Trp Ala Tyr Met His Ile Ala
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Gly Gln Asp Ala Ser Glu Tyr Leu Ser Pro Gly Leu Val Gln Phe Ala
20 25 30

Arg Ala Thr Asp Thr Tyr Phe Ser Leu Gly Asn Lys Phe Arg Asn Pro
35 40 45

Thr Val Ala Pro Thr His Asp Val Thr Thr Asp Arg Ser Gln Arg Leu
50 55 60

Thr Leu Arg Phe Val Pro Val Asp Arg Glu Asp Thr Thr Tyr Ser Tyr
65 70 75 80

Lys Ala Arg Phe Thr Leu Ala Val Gly Asp Asn Arg Val Leu Asp Met
85 90 95

Ala Ser Thr Tyr Phe Asp Ile Arg Gly Val Leu Asp Arg Gly Pro Ser
100 105 110

Phe Lys Pro Tyr Ser Gly Thr Ala Tyr Asn Ser Leu Ala Pro Lys Gly
115 120 125

```
Ala Pro Asn Pro Cys Glu Trp Asp Glu Ala Ala Thr Ala Leu Glu Ile
    130                 135                 140

Asn Leu Glu Glu Glu Asp Asp Asp Asn Glu Asp Glu Val Asp Glu Gln
145                 150                 155                 160

Ala Glu Gln Gln Lys Thr His Val Phe Gly Gln Ala Pro Tyr Ser Gly
                165                 170                 175

Ile Asn Ile Thr Lys Glu Gly Ile Gln Ile Gly Val Glu Gly Gln Thr
            180                 185                 190

Pro Lys Tyr Ala Asp Lys Thr Phe Gln Pro Glu Pro Gln Ile Gly Glu
        195                 200                 205

Ser Gln Trp Tyr Glu Thr Glu Ile Asn His Ala Ala Gly Arg Val Leu
    210                 215                 220

Lys Lys Asp Thr Lys Met Lys Pro Cys Tyr Gly Ser Phe Ala Arg Pro
225                 230                 235                 240

Thr Asn Glu Lys Gly Gly Gln Ala Lys Phe Lys Pro Val Asn Glu Gly
                245                 250                 255

Glu Gln Pro Lys Asp Leu Asp Ile Asp Met Gln Phe Phe Ser Thr Thr
            260                 265                 270

Glu Ala Thr Ala Gly Asn Gly Asp Asn Leu Thr Pro Lys Val Val Leu
        275                 280                 285

Tyr Thr Glu Asn Val Asn Leu Glu Thr Pro Asp Thr His Val Val Tyr
    290                 295                 300

Lys Pro Thr Ile Lys Glu Gly Asn Ser Arg Glu Leu Met Gly Gln Gln
305                 310                 315                 320
```

```
Ser Met Pro Asn Arg Pro Asn Tyr Ile Gly Phe Arg Asp Asn Phe Val
                325                 330                 335

Gly Leu Met Tyr Tyr Asn Ser Thr Gly Asn Met Gly Val Leu Ala Gly
            340                 345                 350

Gln Ala Ser Gln Leu Asn Ala Val Val Asp Leu Gln Asp Arg Asn Thr
        355                 360                 365

Glu Leu Ser Tyr Gln Leu Leu Leu Asp Ser Leu Gly Asp Arg Thr Arg
    370                 375                 380

Tyr Phe Ser Met Trp Asn Ser Ala Val Asp Ser Tyr Asp Pro Asp Val
385                 390                 395                 400

Arg Ile Ile Glu Asn His Gly Val Glu Asp Glu Leu Pro Asn Tyr Cys
                405                 410                 415

Phe Pro Leu Gly Gly Val Ile Asn Thr Glu Thr Leu Thr Lys Val Lys
            420                 425                 430

Pro Lys Thr Gly Gln Glu Asn Gly Trp Glu Lys Asp Ala Thr Glu Phe
        435                 440                 445

Ser Asp Lys Asn Glu Ile Arg Val Gly Asn Asn Phe Ala Met Glu Ile
    450                 455                 460

Asn Leu Gln Ala Asn Leu Trp Lys Ser Phe Leu Tyr Ser Asn Val Ala
465                 470                 475                 480

Leu Tyr Leu Pro Asp Ser Tyr Lys Tyr Thr Pro Ala Asn Val Lys Leu
                485                 490                 495

Pro Ala Asn Thr Asn Thr Tyr Glu Tyr Met Asn Gly Arg Val Val Ala
            500                 505                 510

Pro Ser Leu Val Asp Ala Tyr Ile Asn Ile Gly Ala Arg Trp Ser Leu
        515                 520                 525
```

```
Asp Pro Met Asp Asn Val Asn Pro Phe Asn His His Arg Asn Ala Gly
    530                 535                 540

Leu Arg Tyr Arg Ser Met Leu Leu Gly Asn Gly Arg Tyr Val Pro Phe
545                 550                 555                 560

His Ile Gln Val Pro Gln Lys Phe Phe Ala Ile Lys Asn Leu Leu Leu
                565                 570                 575

Leu Pro Gly Ser Tyr Thr Tyr Glu Trp Asn Phe Arg Lys Asp Val Asn
            580                 585                 590

Met Ile Leu Gln Ser Ser Leu Gly Asn Asp Leu Arg Val Asp Gly Ala
        595                 600                 605

Ser Val Arg Phe Asp Ser Val Asn Leu Tyr Ala Thr Phe Phe Pro Met
    610                 615                 620

Ala His Asn Thr Ala Ser Thr Leu Glu Ala Met Leu Arg Asn Asp Thr
625                 630                 635                 640

Asn Asp Gln Ser Phe Asn Asp Tyr Leu Ser Ala Ala Asn Met Leu Tyr
                645                 650                 655

Pro Ile Pro Ala Lys Ala Thr Asn Val Pro Ile Ser Ile Pro Ser Arg
            660                 665                 670

Asn Trp Ala Ala Phe Arg Gly Trp Ser Phe Thr Arg Leu Lys Thr Lys
        675                 680                 685

Glu Thr Pro Ser Leu Gly Ser Gly Phe Asp Pro Tyr Phe Val Tyr Ser
    690                 695                 700

Gly Ser Ile Pro Tyr Leu Asp Gly Thr Phe Tyr Leu Asn His Thr Phe
705                 710                 715                 720
```

```
Lys Lys Val Ser Ile Met Phe Asp Ser Ser Val Ser Trp Pro Gly Asn
               725                 730                 735

Asp Arg Leu Leu Thr Pro Asn Glu Phe Glu Ile Lys Arg Ser Val Asp
            740                 745                 750

Gly Glu Gly Tyr Asn Val Ala Gln Cys Asn Met Thr Lys Asp Trp Phe
        755                 760                 765

Leu Val Gln Met Leu Ser His Tyr Asn Ile Gly Tyr Gln Gly Phe His
    770                 775                 780

Val Pro Glu Gly Tyr Lys Asp Arg Met Tyr Ser Phe Phe Arg Asn Phe
785                 790                 795                 800

Gln Pro Met Ser Arg Gln Val Val Asp Glu Ile Asn Tyr Lys Asp Tyr
               805                 810                 815

Lys Ala Val Thr Leu Pro Phe Gln His Asn Asn Ser Gly Phe Thr Gly
            820                 825                 830

Tyr Leu Ala Pro Thr Met Arg Gln Gly Gln Pro Tyr Pro Ala Asn Phe
        835                 840                 845

Pro Tyr Pro Leu Ile Gly Gln Thr Ala Val Pro Ser Val Thr Gln Lys
    850                 855                 860

Lys Phe Leu Cys Asp Arg Val Met Trp Arg Ile Pro Phe Ser Ser Asn
865                 870                 875                 880

Phe Met Ser Met Gly Ala Leu Thr Asp Leu Gly Gln Asn Met Leu Tyr
               885                 890                 895

Ala Asn Ser Ala His Ala Leu Asp Met Thr Phe Glu Val Asp Pro Met
            900                 905                 910

Asp Glu Pro Thr Leu Leu Tyr Leu Leu Phe Glu Val Phe Asp Val Val
        915                 920                 925
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Arg Val His Gln Pro His Arg Gly Val Ile Glu Ala Val Tyr Leu Arg
930 935 940

Thr Pro Phe Ser Ala Gly Asn Ala Thr Thr
945 950

<210> 27
<211> 952
<212> PRT
<213> Artificial Sequence

<220>
<223> Ad26HVR35

<400> 27

Met Ala Thr Pro Ser Met Met Pro Gln Trp Ala Tyr Met His Ile Ala
1 5 10 15

Gly Gln Asp Ala Ser Glu Tyr Leu Ser Pro Gly Leu Val Gln Phe Ala
20 25 30

Arg Ala Thr Asp Thr Tyr Phe Ser Leu Gly Asn Lys Phe Arg Asn Pro
35 40 45

Thr Val Ala Pro Thr His Asp Val Thr Thr Asp Arg Ser Gln Arg Leu
50 55 60

Thr Leu Arg Phe Val Pro Val Asp Arg Glu Asp Thr Thr Tyr Ser Tyr
65 70 75 80

Lys Ala Arg Phe Thr Leu Ala Val Gly Asp Asn Arg Val Leu Asp Met
85 90 95

Ala Ser Thr Tyr Phe Asp Ile Arg Gly Val Leu Asp Arg Gly Pro Ser
100 105 110

Phe Lys Pro Tyr Ser Gly Thr Ala Tyr Asn Ser Leu Ala Pro Lys Gly
115 120 125

```
Ala Pro Asn Ala Ser Gln Trp Ile Ala Lys Gly Val Pro Thr Ala Ala
    130                 135                 140

Ala Ala Gly Asn Gly Glu Glu Glu His Glu Thr Glu Glu Lys Thr Ala
145                 150                 155                 160

Thr Tyr Thr Phe Ala Asn Ala Pro Val Lys Ala Glu Ala Gln Ile Thr
                165                 170                 175

Lys Glu Gly Leu Pro Ile Gly Leu Glu Ile Ser Ala Glu Asn Glu Ser
            180                 185                 190

Lys Pro Ile Tyr Ala Asp Lys Thr Phe Gln Pro Glu Pro Gln Val Gly
        195                 200                 205

Asp Glu Thr Trp Thr Asp Leu Asp Gly Lys Thr Glu Glu Tyr Gly Gly
    210                 215                 220

Arg Ala Leu Lys Pro Asp Thr Lys Met Lys Pro Cys Tyr Gly Ser Phe
225                 230                 235                 240

Ala Arg Pro Thr Asn Glu Lys Gly Gly Gln Ala Lys Phe Lys Pro Val
                245                 250                 255

Asn Glu Gly Glu Gln Pro Lys Asp Leu Asp Ile Asp Met Glu Phe Phe
            260                 265                 270

Asp Asn Ser Ser Gln Arg Thr Asn Phe Ser Pro Lys Ile Val Met Tyr
        275                 280                 285

Thr Glu Asn Val Asn Leu Glu Thr Pro Asp Thr His Val Val Tyr Lys
    290                 295                 300

Pro Gly Thr Glu Asp Thr Ser Ser Glu Ala Asn Leu Gly Gln Gln Ser
305                 310                 315                 320
```

```
Met Pro Asn Arg Pro Asn Tyr Ile Gly Phe Arg Asp Asn Phe Val Gly
                325                 330                 335

Leu Met Tyr Tyr Asn Ser Thr Gly Asn Met Gly Val Leu Ala Gly Gln
            340                 345                 350

Ala Ser Gln Leu Asn Ala Val Val Asp Leu Gln Asp Arg Asn Thr Glu
        355                 360                 365

Leu Ser Tyr Gln Leu Leu Leu Asp Ser Leu Gly Asp Arg Thr Arg Tyr
    370                 375                 380

Phe Ser Met Trp Asn Ser Ala Val Asp Ser Tyr Asp Pro Asp Val Arg
385                 390                 395                 400

Ile Ile Glu Asn His Gly Val Glu Asp Glu Leu Pro Asn Tyr Cys Phe
                405                 410                 415

Pro Leu Asp Gly Ile Gly Val Pro Thr Thr Ser Tyr Lys Ser Ile Val
            420                 425                 430

Pro Asn Gly Glu Asp Asn Asn Asn Trp Lys Glu Pro Glu Val Asn Gly
        435                 440                 445

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

Gln Ala Asn Leu Trp Lys Ser Phe Leu Tyr Ser Asn Val Ala Leu Tyr
465                 470                 475                 480

Leu Pro Asp Ser Tyr Lys Tyr Thr Pro Ala Asn Val Lys Leu Pro Ala
                485                 490                 495

Asn Thr Asn Thr Tyr Glu Tyr Met Asn Gly Arg Val Val Ala Pro Ser
            500                 505                 510

Leu Val Asp Ala Tyr Ile Asn Ile Gly Ala Arg Trp Ser Leu Asp Pro
        515                 520                 525
```

```
Met Asp Asn Val Asn Pro Phe Asn His His Arg Asn Ala Gly Leu Arg
    530                 535                 540

Tyr Arg Ser Met Leu Leu Gly Asn Gly Arg Tyr Val Pro Phe His Ile
545                 550                 555                 560

Gln Val Pro Gln Lys Phe Phe Ala Ile Lys Asn Leu Leu Leu Leu Pro
                565                 570                 575

Gly Ser Tyr Thr Tyr Glu Trp Asn Phe Arg Lys Asp Val Asn Met Ile
            580                 585                 590

Leu Gln Ser Ser Leu Gly Asn Asp Leu Arg Val Asp Gly Ala Ser Val
        595                 600                 605

Arg Phe Asp Ser Val Asn Leu Tyr Ala Thr Phe Phe Pro Met Ala His
    610                 615                 620

Asn Thr Ala Ser Thr Leu Glu Ala Met Leu Arg Asn Asp Thr Asn Asp
625                 630                 635                 640

Gln Ser Phe Asn Asp Tyr Leu Ser Ala Ala Asn Met Leu Tyr Pro Ile
                645                 650                 655

Pro Ala Lys Ala Thr Asn Val Pro Ile Ser Ile Pro Ser Arg Asn Trp
            660                 665                 670

Ala Ala Phe Arg Gly Trp Ser Phe Thr Arg Leu Lys Thr Lys Glu Thr
        675                 680                 685

Pro Ser Leu Gly Ser Gly Phe Asp Pro Tyr Phe Val Tyr Ser Gly Ser
    690                 695                 700

Ile Pro Tyr Leu Asp Gly Thr Phe Tyr Leu Asn His Thr Phe Lys Lys
705                 710                 715                 720
```

```
Val Ser Ile Met Phe Asp Ser Ser Val Ser Trp Pro Gly Asn Asp Arg
                725                 730                 735

Leu Leu Thr Pro Asn Glu Phe Glu Ile Lys Arg Ser Val Asp Gly Glu
            740                 745                 750

Gly Tyr Asn Val Ala Gln Cys Asn Met Thr Lys Asp Trp Phe Leu Val
        755                 760                 765

Gln Met Leu Ser His Tyr Asn Ile Gly Tyr Gln Gly Phe His Val Pro
    770                 775                 780

Glu Gly Tyr Lys Asp Arg Met Tyr Ser Phe Phe Arg Asn Phe Gln Pro
785                 790                 795                 800

Met Ser Arg Gln Val Val Asp Glu Ile Asn Tyr Lys Asp Tyr Lys Ala
                805                 810                 815

Val Thr Leu Pro Phe Gln His Asn Asn Ser Gly Phe Thr Gly Tyr Leu
            820                 825                 830

Ala Pro Thr Met Arg Gln Gly Gln Pro Tyr Pro Ala Asn Phe Pro Tyr
        835                 840                 845

Pro Leu Ile Gly Gln Thr Ala Val Pro Ser Val Thr Gln Lys Lys Phe
    850                 855                 860

Leu Cys Asp Arg Val Met Trp Arg Ile Pro Phe Ser Ser Asn Phe Met
865                 870                 875                 880

Ser Met Gly Ala Leu Thr Asp Leu Gly Gln Asn Met Leu Tyr Ala Asn
                885                 890                 895

Ser Ala His Ala Leu Asp Met Thr Phe Glu Val Asp Pro Met Asp Glu
            900                 905                 910

Pro Thr Leu Leu Tyr Leu Leu Phe Glu Val Phe Asp Val Val Arg Val
        915                 920                 925
```

His Gln Pro His Arg Gly Val Ile Glu Ala Val Tyr Leu Arg Thr Pro
    930   935   940

Phe Ser Ala Gly Asn Ala Thr Thr
945   950

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<211> 929
<212> PRT
<213> Artificial Sequence

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<400> 28

Met Ala Thr Pro Ser Met Met Pro Gln Trp Ala Tyr Met His Ile Ala
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Gly Gln Asp Ala Ser Glu Tyr Leu Ser Pro Gly Leu Val Gln Phe Ala
            20   25   30

Arg Ala Thr Asp Thr Tyr Phe Ser Leu Gly Asn Lys Phe Arg Asn Pro
        35   40   45

Thr Val Ala Pro Thr His Asp Val Thr Thr Asp Arg Ser Gln Arg Leu
    50   55   60

Thr Leu Arg Phe Val Pro Val Asp Arg Glu Asp Thr Thr Tyr Ser Tyr
65   70   75   80

Lys Ala Arg Phe Thr Leu Ala Val Gly Asp Asn Arg Val Leu Asp Met
                85   90   95

Ala Ser Thr Tyr Phe Asp Ile Arg Gly Val Leu Asp Arg Gly Pro Ser
            100   105   110

Phe Lys Pro Tyr Ser Gly Thr Ala Tyr Asn Ser Leu Ala Pro Lys Gly
        115   120   125

```
Ala Pro Asn Ser Val Glu Trp Pro Asp Asn Thr Lys Thr Lys Val Arg
    130                 135                 140

Ala Gln Ala Pro Phe Val Ser Asp Glu Ile Thr Lys Asp Gly Ile Lys
145                 150                 155                 160

Val Gly Thr Asp Thr Ala Thr Thr Gln Gln Ser Ile Tyr Ala Asp Lys
                165                 170                 175

Thr Phe Gln Pro Glu Pro Gln Val Gly Glu Thr Gln Trp Asn Ser Asp
            180                 185                 190

Val Gly Thr Asn Asp Lys Val Ala Gly Arg Val Leu Lys Lys Asp Thr
        195                 200                 205

Lys Met Lys Pro Cys Tyr Gly Ser Phe Ala Arg Pro Thr Asn Glu Lys
    210                 215                 220

Gly Gly Gln Ala Lys Phe Lys Pro Val Asn Glu Gly Glu Gln Pro Lys
225                 230                 235                 240

Asp Leu Asp Ile Asp Met Gln Phe Phe Ala Thr Thr Ala Ala Asn Thr
                245                 250                 255

Thr Pro Lys Ala Val Leu Tyr Thr Glu Asn Val Asn Leu Glu Thr Pro
            260                 265                 270

Asp Thr His Val Val Tyr Lys Pro Thr Val Thr Glu Gly Thr Thr Ser
        275                 280                 285

Ala Glu Ala Leu Leu Ala Gln Gln Ser Met Pro Asn Arg Pro Asn Tyr
    290                 295                 300

Ile Gly Phe Arg Asp Asn Phe Val Gly Leu Met Tyr Tyr Asn Ser Thr
305                 310                 315                 320
```

```
Gly Asn Met Gly Val Leu Ala Gly Gln Ala Ser Gln Leu Asn Ala Val
                325                 330                 335

Val Asp Leu Gln Asp Arg Asn Thr Glu Leu Ser Tyr Gln Leu Leu Leu
            340                 345                 350

Asp Ser Leu Gly Asp Arg Thr Arg Tyr Phe Ser Met Trp Asn Ser Ala
        355                 360                 365

Val Asp Ser Tyr Asp Pro Asp Val Arg Ile Ile Glu Asn His Gly Val
    370                 375                 380

Glu Asp Glu Leu Pro Asn Tyr Cys Phe Pro Leu Gly Gly Met Ala Val
385                 390                 395                 400

Thr Asp Thr Tyr Ser Pro Ile Lys Ser Asn Asn Gly Ser Gly Trp Gln
                405                 410                 415

Val Asp Asn Asp Thr Phe Ala Asp Arg Gly Val Glu Ile Gly Ser Gly
            420                 425                 430

Asn Met Phe Ala Met Glu Ile Asn Leu Gln Ala Asn Leu Trp Lys Ser
        435                 440                 445

Phe Leu Tyr Ser Asn Val Ala Leu Tyr Leu Pro Asp Ser Tyr Lys Tyr
    450                 455                 460

Thr Pro Ala Asn Val Lys Leu Pro Ala Asn Thr Asn Thr Tyr Glu Tyr
465                 470                 475                 480

Met Asn Gly Arg Val Val Ala Pro Ser Leu Val Asp Ala Tyr Ile Asn
                485                 490                 495

Ile Gly Ala Arg Trp Ser Leu Asp Pro Met Asp Asn Val Asn Pro Phe
            500                 505                 510

Asn His His Arg Asn Ala Gly Leu Arg Tyr Arg Ser Met Leu Leu Gly
        515                 520                 525
```

```
Asn Gly Arg Tyr Val Pro Phe His Ile Gln Val Pro Gln Lys Phe Phe
    530                 535                 540

Ala Ile Lys Asn Leu Leu Leu Leu Pro Gly Ser Tyr Thr Tyr Glu Trp
545                 550                 555                 560

Asn Phe Arg Lys Asp Val Asn Met Ile Leu Gln Ser Ser Leu Gly Asn
                565                 570                 575

Asp Leu Arg Val Asp Gly Ala Ser Val Arg Phe Asp Ser Val Asn Leu
            580                 585                 590

Tyr Ala Thr Phe Phe Pro Met Ala His Asn Thr Ala Ser Thr Leu Glu
        595                 600                 605

Ala Met Leu Arg Asn Asp Thr Asn Asp Gln Ser Phe Asn Asp Tyr Leu
    610                 615                 620

Ser Ala Ala Asn Met Leu Tyr Pro Ile Pro Ala Lys Ala Thr Asn Val
625                 630                 635                 640

Pro Ile Ser Ile Pro Ser Arg Asn Trp Ala Ala Phe Arg Gly Trp Ser
                645                 650                 655

Phe Thr Arg Leu Lys Thr Lys Glu Thr Pro Ser Leu Gly Ser Gly Phe
            660                 665                 670

Asp Pro Tyr Phe Val Tyr Ser Gly Ser Ile Pro Tyr Leu Asp Gly Thr
        675                 680                 685

Phe Tyr Leu Asn His Thr Phe Lys Lys Val Ser Ile Met Phe Asp Ser
    690                 695                 700

Ser Val Ser Trp Pro Gly Asn Asp Arg Leu Leu Thr Pro Asn Glu Phe
705                 710                 715                 720
```

```
Glu Ile Lys Arg Ser Val Asp Gly Glu Gly Tyr Asn Val Ala Gln Cys
                725                 730                 735

Asn Met Thr Lys Asp Trp Phe Leu Val Gln Met Leu Ser His Tyr Asn
            740                 745                 750

Ile Gly Tyr Gln Gly Phe His Val Pro Glu Gly Tyr Lys Asp Arg Met
        755                 760                 765

Tyr Ser Phe Phe Arg Asn Phe Gln Pro Met Ser Arg Gln Val Val Asp
    770                 775                 780

Glu Ile Asn Tyr Lys Asp Tyr Lys Ala Val Thr Leu Pro Phe Gln His
785                 790                 795                 800

Asn Asn Ser Gly Phe Thr Gly Tyr Leu Ala Pro Thr Met Arg Gln Gly
                805                 810                 815

Gln Pro Tyr Pro Ala Asn Phe Pro Tyr Pro Leu Ile Gly Gln Thr Ala
            820                 825                 830

Val Pro Ser Val Thr Gln Lys Lys Phe Leu Cys Asp Arg Val Met Trp
        835                 840                 845

Arg Ile Pro Phe Ser Ser Asn Phe Met Ser Met Gly Ala Leu Thr Asp
    850                 855                 860

Leu Gly Gln Asn Met Leu Tyr Ala Asn Ser Ala His Ala Leu Asp Met
865                 870                 875                 880

Thr Phe Glu Val Asp Pro Met Asp Glu Pro Thr Leu Leu Tyr Leu Leu
                885                 890                 895

Phe Glu Val Phe Asp Val Val Arg Val His Gln Pro His Arg Gly Val
            900                 905                 910

Ile Glu Ala Val Tyr Leu Arg Thr Pro Phe Ser Ala Gly Asn Ala Thr
        915                 920                 925
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Thr

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<211> 8806
<212> DNA
<213> Artificial Sequence

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gtcacgacgc acggctaacg gtcgccgcgg aggcgtggcc tagcccggaa gcaagtcgcg 180

gggctgatga cgtataaaaa agcggacttt agacccggaa acggccgatt ttcccgcggc 240

cacgcccgga tatgaggtaa ttctgggcgg atgcaagtga aattaggtca ttttggcgcg 300

aaaactgaat gaggaagtga aaagcgaaaa ataccggtcc ctcccagggc ggaatattta 360

ccgagggccg agagactttg accgattacg tgggggtttc gattgcggtg ttttttcgc 420

gaatttccgc gtccgtgtca aagtccggtg tttatgtcac agatcagctg acctaggtgg 480

tcaatattgg ccattagcca tattattcat tggttatata gcataaatca atattggcta 540

ttggccattg catacgttgt atccatatca taatatgtac atttatattg gctcatgtcc 600

aacattaccg ccatgttgac attgattatt gactagttat taatagtaat caattacggg 660

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gcggaagcgg cggttcctgg gcttcctgct gggcgtgggc agcgccattg ctagcggagt 1980

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