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 <400> 398

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Ile Leu Thr Glu Glu Gly Leu Leu Leu Ile Pro Pro Lys Gln Leu Gln
 1 5 10 15
 His Gln Gln Gln
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<210> 399
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 <212> PRT
 <213> Homo sapiens
 <400> 399

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Leu Thr Glu Glu Gly Leu Leu Leu Ile Pro Pro Lys Gln Leu Gln His
 1 5 10 15
 Gln Gln Gln Gln
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<210> 400
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 <213> Homo sapiens
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Thr Glu Glu Gly Leu Leu Leu Ile Pro Pro Lys Gln Leu Gln His Gln
 1 5 10 15
 Gln Gln Gln Gln
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 <213> Homo sapiens
 <400> 401

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Glu Glu Gly Leu Leu Leu Ile Pro Pro Lys Gln Leu Gln His Gln Gln
 1 5 10 15
 Gln Gln Gln Gln
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 <213> Homo sapiens
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Glu Gly Leu Leu Leu Ile Pro Pro Lys Gln Leu Gln His Gln Gln Gln
 1 5 10 15

Gln Gln Gln Gln
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<212> PRT
<213> Homo sapiens
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Gly Leu Leu Leu Ile Pro Pro Lys Gln Leu Gln His Gln Gln Gln Gln
10 1 5 10 15
Gln Gln Gln Gln
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15 <211> 20
<212> PRT
<213> Homo sapiens
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Leu Leu Leu Ile Pro Pro Lys Gln Leu Gln His Gln Gln Gln Gln Gln
20 1 5 10 15
Gln Gln Gln Gln
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<210> 405
25 <211> 20
<212> PRT
<213> Homo sapiens
<400> 405

Leu Leu Ile Pro Pro Lys Gln Leu Gln His Gln Gln Gln Gln Gln Gln
30 1 5 10 15
Gln Gln Gln Gln
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<210> 406
35 <211> 20
<212> PRT
<213> Homo sapiens
<400> 406

Leu Ile Pro Pro Lys Gln Leu Gln His Gln Gln Gln Gln Gln Gln Gln
40 1 5 10 15
Gln Gln Gln Gln
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<210> 407
45 <211> 20
<212> PRT
<213> Homo sapiens
<400> 407

Ile Pro Pro Lys Gln Leu Gln His Gln Gln Gln Gln Gln Gln Gln
50 1 5 10 15
Gln Gln Gln Gln
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<210> 408
55 <211> 20
<212> PRT
<213> Homo sapiens
<400> 408

Pro Pro Lys Gln Leu Gln His Gln Gln Gln Gln Gln Gln Gln Gln
60 1 5 10 15
Gln Gln Gln Gln
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 5 <213> Homo sapiens
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 Pro Lys Gln Leu Gln His Gln Gln Gln Gln Gln Gln Gln Gln Gln
 1 5 10 15
 Gln Gln Gln Gln
 10 20

<210> 410
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 15 <213> Homo sapiens
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 Lys Gln Leu Gln His Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
 1 5 10 15
 Gln Gln Gln Pro
 20 20

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 25 <213> Homo sapiens
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 Gln Leu Gln His Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
 1 5 10 15
 Gln Gln Pro Gly
 30 20

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 35 <213> Homo sapiens
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 Leu Gln His Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
 1 5 10 15
 Gln Pro Gly Gln
 40 20

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 45 <213> Homo sapiens
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 Gln His Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
 1 5 10 15
 Pro Gly Gln Gly
 50 20

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 <212> PRT
 55 <213> Homo sapiens
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 His Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro
 1 5 10 15
 Gly Gln Gly Pro
 60 20

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 5 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro Gly
 1 5 10 15
 Gln Gly Pro Ala
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10 <210> 416
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 <212> PRT
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 15 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro Gly Gln
 1 5 10 15
 Gly Pro Ala Glu
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20 <210> 417
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 <212> PRT
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 25 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro Gly Gln Gly
 1 5 10 15
 Pro Ala Glu Pro
 20

30 <210> 418
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 <212> PRT
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 35 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro Gly Gln Gly Pro
 1 5 10 15
 Ala Glu Pro Ser
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40 <210> 419
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 45 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro Gly Gln Gly Pro Ala
 1 5 10 15
 Glu Pro Ser Gln
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50 <210> 420
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 <212> PRT
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 55 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro Gly Gln Gly Pro Ala Glu
 1 5 10 15
 Pro Ser Gln Pro
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60 <210> 421
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<213> Homo sapiens
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 Gln Gln Gln Gln Gln Gln Gln Gln Pro Gly Gln Gly Pro Ala Glu Pro
 1 5 10 15
 5 Ser Gln Pro Ser
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 10 <212> PRT
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 Gln Gln Gln Gln Gln Gln Gln Gln Pro Gly Gln Gly Pro Ala Glu Pro Ser
 1 5 10 15
 15 Gln Pro Ser Gly
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 20 <212> PRT
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 Gln Gln Gln Gln Gln Gln Gln Gln Pro Gly Gln Gly Pro Ala Glu Pro Ser Gln
 1 5 10 15
 25 Pro Ser Gly Pro
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<210> 424
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 30 <212> PRT
 <213> Homo sapiens
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 Gln Gln Gln Gln Gln Gln Gln Gln Pro Gly Gln Gly Pro Ala Glu Pro Ser Gln Pro
 1 5 10 15
 35 Ser Gly Pro Ala
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<210> 425
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 40 <212> PRT
 <213> Homo sapiens
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 Gln Gln Gln Gln Gln Gln Gln Gln Pro Gly Gln Gly Pro Ala Glu Pro Ser Gln Pro Ser
 1 5 10 15
 45 Gly Pro Ala Val
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<210> 426
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 50 <212> PRT
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 Gln Gln Gln Gln Gln Gln Gln Gln Pro Gly Gln Gly Pro Ala Glu Pro Ser Gln Pro Ser Gly
 1 5 10 15
 55 Pro Ala Val Ala
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<210> 427
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 60 <212> PRT
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 <400> 427

Gln Gln Pro Gly Gln Gly Pro Ala Glu Pro Ser Gln Pro Ser Gly Pro
 1 5 10 15
 Ala Val Ala Ser
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<210> 428
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 <213> Homo sapiens
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Gln Pro Gly Gln Gly Pro Ala Glu Pro Ser Gln Pro Ser Gly Pro Ala
 1 5 10 15
 Val Ala Ser Leu
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<210> 429
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 <213> Homo sapiens
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Pro Gly Gln Gly Pro Ala Glu Pro Ser Gln Pro Ser Gly Pro Ala Val
 1 5 10 15
 Ala Ser Leu Glu
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<210> 430
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 <212> PRT
 <213> Homo sapiens
 <400> 430

30

Gly Gln Gly Pro Ala Glu Pro Ser Gln Pro Ser Gly Pro Ala Val Ala
 1 5 10 15
 Ser Leu Glu Pro
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<210> 431
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 <213> Homo sapiens
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Gln Gly Pro Ala Glu Pro Ser Gln Pro Ser Gly Pro Ala Val Ala Ser
 1 5 10 15
 Leu Glu Pro Pro
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<210> 432
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Gly Pro Ala Glu Pro Ser Gln Pro Ser Gly Pro Ala Val Ala Ser Leu
 1 5 10 15
 Glu Pro Pro Val
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Pro Ala Glu Pro Ser Gln Pro Ser Gly Pro Ala Val Ala Ser Leu Glu
 1 5 10 15

Pro Pro Val Lys
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5 <210> 434
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<213> Homo sapiens
<400> 434
Ala Glu Pro Ser Gln Pro Ser Gly Pro Ala Val Ala Ser Leu Glu Pro
10 1 5 10 15
Pro Val Lys Leu
20

15 <210> 435
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<400> 435
Glu Pro Ser Gln Pro Ser Gly Pro Ala Val Ala Ser Leu Glu Pro Pro
20 1 5 10 15
Val Lys Leu Lys
20

25 <210> 436
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<213> Homo sapiens
<400> 436
Pro Ser Gln Pro Ser Gly Pro Ala Val Ala Ser Leu Glu Pro Pro Val
30 1 5 10 15
Lys Leu Lys Glu
20

35 <210> 437
<211> 20
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<213> Homo sapiens
<400> 437
Ser Gln Pro Ser Gly Pro Ala Val Ala Ser Leu Glu Pro Pro Val Lys
40 1 5 10 15
Leu Lys Glu Leu
20

45 <210> 438
<211> 20
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<213> Homo sapiens
<400> 438
Gln Pro Ser Gly Pro Ala Val Ala Ser Leu Glu Pro Pro Val Lys Leu
50 1 5 10 15
Lys Glu Leu His
20

55 <210> 439
<211> 20
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<213> Homo sapiens
<400> 439
Pro Ser Gly Pro Ala Val Ala Ser Leu Glu Pro Pro Val Lys Leu Lys
60 1 5 10 15
Glu Leu His Phe
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<210> 440
 <211> 20
 <212> PRT
 5 <213> Homo sapiens
 <400> 440
 Ser Gly Pro Ala Val Ala Ser Leu Glu Pro Pro Val Lys Leu Lys Glu
 1 5 10 15
 Leu His Phe Ser
 10 20

<210> 441
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 <212> PRT
 15 <213> Homo sapiens
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 Gly Pro Ala Val Ala Ser Leu Glu Pro Pro Val Lys Leu Lys Glu Leu
 1 5 10 15
 His Phe Ser Asn
 20 20

<210> 442
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 <212> PRT
 25 <213> Homo sapiens
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 Pro Ala Val Ala Ser Leu Glu Pro Pro Val Lys Leu Lys Glu Leu His
 1 5 10 15
 Phe Ser Asn Met
 30 20

<210> 443
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 35 <213> Homo sapiens
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 Ala Val Ala Ser Leu Glu Pro Pro Val Lys Leu Lys Glu Leu His Phe
 1 5 10 15
 Ser Asn Met Lys
 40 20

<210> 444
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 <212> PRT
 45 <213> Homo sapiens
 <400> 444
 Val Ala Ser Leu Glu Pro Pro Val Lys Leu Lys Glu Leu His Phe Ser
 1 5 10 15
 Asn Met Lys Thr
 50 20

<210> 445
 <211> 20
 <212> PRT
 55 <213> Homo sapiens
 <400> 445
 Ala Ser Leu Glu Pro Pro Val Lys Leu Lys Glu Leu His Phe Ser Asn
 1 5 10 15
 Met Lys Thr Val
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<210> 446

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<211> 20
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<213> Homo sapiens
<400> 446
5 Ser Leu Glu Pro Pro Val Lys Leu Lys Glu Leu His Phe Ser Asn Met
  1          5          10          15
  Lys Thr Val Asp
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10 <210> 447
    <211> 20
    <212> PRT
    <213> Homo sapiens
    <400> 447
15 Leu Glu Pro Pro Val Lys Leu Lys Glu Leu His Phe Ser Asn Met Lys
  1          5          10          15
  Thr Val Asp Cys
    20

20 <210> 448
    <211> 20
    <212> PRT
    <213> Homo sapiens
    <400> 448
25 Glu Pro Pro Val Lys Leu Lys Glu Leu His Phe Ser Asn Met Lys Thr
  1          5          10          15
  Val Asp Cys Val
    20

30 <210> 449
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    <212> PRT
    <213> Homo sapiens
    <400> 449
35 Pro Pro Val Lys Leu Lys Glu Leu His Phe Ser Asn Met Lys Thr Val
  1          5          10          15
  Asp Cys Val Glu
    20

40 <210> 450
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    <212> PRT
    <213> Homo sapiens
    <400> 450
45 Pro Val Lys Leu Lys Glu Leu His Phe Ser Asn Met Lys Thr Val Asp
  1          5          10          15
  Cys Val Glu Arg
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50 <210> 451
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    <213> Homo sapiens
    <400> 451
55 Val Lys Leu Lys Glu Leu His Phe Ser Asn Met Lys Thr Val Asp Cys
  1          5          10          15
  Val Glu Arg Lys
    20

60 <210> 452
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    <212> PRT

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<213> Homo sapiens
 <400> 452
 Lys Leu Lys Glu Leu His Phe Ser Asn Met Lys Thr Val Asp Cys Val
 1 5 10 15
 5 Glu Arg Lys Gly
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<210> 453
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 10 <212> PRT
 <213> Homo sapiens
 <400> 453
 Leu Lys Glu Leu His Phe Ser Asn Met Lys Thr Val Asp Cys Val Glu
 1 5 10 15
 15 Arg Lys Gly Lys
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<210> 454
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 20 <212> PRT
 <213> Homo sapiens
 <400> 454
 Lys Glu Leu His Phe Ser Asn Met Lys Thr Val Asp Cys Val Glu Arg
 1 5 10 15
 25 Lys Gly Lys Tyr
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<210> 455
 <211> 20
 30 <212> PRT
 <213> Homo sapiens
 <400> 455
 Glu Leu His Phe Ser Asn Met Lys Thr Val Asp Cys Val Glu Arg Lys
 1 5 10 15
 35 Gly Lys Tyr Met
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<210> 456
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 40 <212> PRT
 <213> Homo sapiens
 <400> 456
 Leu His Phe Ser Asn Met Lys Thr Val Asp Cys Val Glu Arg Lys Gly
 1 5 10 15
 45 Lys Tyr Met Tyr
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<210> 457
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 50 <212> PRT
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 <400> 457
 His Phe Ser Asn Met Lys Thr Val Asp Cys Val Glu Arg Lys Gly Lys
 1 5 10 15
 55 Tyr Met Tyr Phe
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<210> 458
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 60 <212> PRT
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 <400> 458

Phe Ser Asn Met Lys Thr Val Asp Cys Val Glu Arg Lys Gly Lys Tyr
 1 5 10 15
 Met Tyr Phe Thr
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 <211> 20
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 <213> Homo sapiens
 10 <400> 459
 Ser Asn Met Lys Thr Val Asp Cys Val Glu Arg Lys Gly Lys Tyr Met
 1 5 10 15
 Tyr Phe Thr Val
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 20 <400> 460
 Asn Met Lys Thr Val Asp Cys Val Glu Arg Lys Gly Lys Tyr Met Tyr
 1 5 10 15
 Phe Thr Val Val
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 30 <400> 461
 Met Lys Thr Val Asp Cys Val Glu Arg Lys Gly Lys Tyr Met Tyr Phe
 1 5 10 15
 Thr Val Val Met
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 <210> 462
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 <213> Homo sapiens
 40 <400> 462
 Lys Thr Val Asp Cys Val Glu Arg Lys Gly Lys Tyr Met Tyr Phe Thr
 1 5 10 15
 Val Val Met Ala
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 <210> 463
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 <213> Homo sapiens
 50 <400> 463
 Thr Val Asp Cys Val Glu Arg Lys Gly Lys Tyr Met Tyr Phe Thr Val
 1 5 10 15
 Val Met Ala Glu
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 <210> 464
 <211> 20
 <212> PRT
 <213> Homo sapiens
 60 <400> 464
 Val Asp Cys Val Glu Arg Lys Gly Lys Tyr Met Tyr Phe Thr Val Val
 1 5 10 15

Met Ala Glu Gly
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5 <210> 465
<211> 20
<212> PRT
<213> Homo sapiens
<400> 465
Asp Cys Val Glu Arg Lys Gly Lys Tyr Met Tyr Phe Thr Val Val Met
10 1 5 10 15
Ala Glu Gly Lys
20

15 <210> 466
<211> 20
<212> PRT
<213> Homo sapiens
<400> 466
Cys Val Glu Arg Lys Gly Lys Tyr Met Tyr Phe Thr Val Val Met Ala
20 1 5 10 15
Glu Gly Lys Glu
20

25 <210> 467
<211> 20
<212> PRT
<213> Homo sapiens
<400> 467
Val Glu Arg Lys Gly Lys Tyr Met Tyr Phe Thr Val Val Met Ala Glu
30 1 5 10 15
Gly Lys Glu Ile
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35 <210> 468
<211> 20
<212> PRT
<213> Homo sapiens
<400> 468
Glu Arg Lys Gly Lys Tyr Met Tyr Phe Thr Val Val Met Ala Glu Gly
40 1 5 10 15
Lys Glu Ile Asp
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45 <210> 469
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<212> PRT
<213> Homo sapiens
<400> 469
Arg Lys Gly Lys Tyr Met Tyr Phe Thr Val Val Met Ala Glu Gly Lys
50 1 5 10 15
Glu Ile Asp Phe
20

55 <210> 470
<211> 20
<212> PRT
<213> Homo sapiens
<400> 470
Lys Gly Lys Tyr Met Tyr Phe Thr Val Val Met Ala Glu Gly Lys Glu
60 1 5 10 15
Ile Asp Phe Arg
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<210> 471
<211> 20
<212> PRT
5 <213> Homo sapiens
<400> 471
Gly Lys Tyr Met Tyr Phe Thr Val Val Met Ala Glu Gly Lys Glu Ile
1 5 10 15
Asp Phe Arg Cys
10 20

<210> 472
<211> 20
<212> PRT
15 <213> Homo sapiens
<400> 472
Lys Tyr Met Tyr Phe Thr Val Val Met Ala Glu Gly Lys Glu Ile Asp
1 5 10 15
Phe Arg Cys Pro
20 20

<210> 473
<211> 20
<212> PRT
25 <213> Homo sapiens
<400> 473
Tyr Met Tyr Phe Thr Val Val Met Ala Glu Gly Lys Glu Ile Asp Phe
1 5 10 15
Arg Cys Pro Gln
30 20

<210> 474
<211> 20
<212> PRT
35 <213> Homo sapiens
<400> 474
Met Tyr Phe Thr Val Val Met Ala Glu Gly Lys Glu Ile Asp Phe Arg
1 5 10 15
Cys Pro Gln Asp
40 20

<210> 475
<211> 20
<212> PRT
45 <213> Homo sapiens
<400> 475
Tyr Phe Thr Val Val Met Ala Glu Gly Lys Glu Ile Asp Phe Arg Cys
1 5 10 15
Pro Gln Asp Gln
50 20

<210> 476
<211> 20
<212> PRT
55 <213> Homo sapiens
<400> 476
Phe Thr Val Val Met Ala Glu Gly Lys Glu Ile Asp Phe Arg Cys Pro
1 5 10 15
Gln Asp Gln Gly
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<210> 477

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<211> 20
<212> PRT
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<400> 477
5 Thr Val Val Met Ala Glu Gly Lys Glu Ile Asp Phe Arg Cys Pro Gln
  1              5              10              15
  Asp Gln Gly Trp
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10 <210> 478
    <211> 20
    <212> PRT
    <213> Homo sapiens
    <400> 478
15 Val Val Met Ala Glu Gly Lys Glu Ile Asp Phe Arg Cys Pro Gln Asp
  1              5              10              15
  Gln Gly Trp Asn
    20

20 <210> 479
    <211> 20
    <212> PRT
    <213> Homo sapiens
    <400> 479
25 Val Met Ala Glu Gly Lys Glu Ile Asp Phe Arg Cys Pro Gln Asp Gln
  1              5              10              15
  Gly Trp Asn Ala
    20

30 <210> 480
    <211> 20
    <212> PRT
    <213> Homo sapiens
    <400> 480
35 Met Ala Glu Gly Lys Glu Ile Asp Phe Arg Cys Pro Gln Asp Gln Gly
  1              5              10              15
  Trp Asn Ala Glu
    20

40 <210> 481
    <211> 20
    <212> PRT
    <213> Homo sapiens
    <400> 481
45 Ala Glu Gly Lys Glu Ile Asp Phe Arg Cys Pro Gln Asp Gln Gly Trp
  1              5              10              15
  Asn Ala Glu Ile
    20

50 <210> 482
    <211> 20
    <212> PRT
    <213> Homo sapiens
    <400> 482
55 Glu Gly Lys Glu Ile Asp Phe Arg Cys Pro Gln Asp Gln Gly Trp Asn
  1              5              10              15
  Ala Glu Ile Thr
    20

60 <210> 483
    <211> 20
    <212> PRT

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<213> Homo sapiens
 <400> 483
 Gly Lys Glu Ile Asp Phe Arg Cys Pro Gln Asp Gln Gly Trp Asn Ala
 1 5 10 15
 5 Glu Ile Thr Leu
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<210> 484
 <211> 20
 10 <212> PRT
 <213> Homo sapiens
 <400> 484
 Lys Glu Ile Asp Phe Arg Cys Pro Gln Asp Gln Gly Trp Asn Ala Glu
 1 5 10 15
 15 Ile Thr Leu Gln
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<210> 485
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 20 <212> PRT
 <213> Homo sapiens
 <400> 485
 Glu Ile Asp Phe Arg Cys Pro Gln Asp Gln Gly Trp Asn Ala Glu Ile
 1 5 10 15
 25 Thr Leu Gln Met
 20

<210> 486
 <211> 20
 30 <212> PRT
 <213> Homo sapiens
 <400> 486
 Ile Asp Phe Arg Cys Pro Gln Asp Gln Gly Trp Asn Ala Glu Ile Thr
 1 5 10 15
 35 Leu Gln Met Val
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<210> 487
 <211> 20
 40 <212> PRT
 <213> Homo sapiens
 <400> 487
 Asp Phe Arg Cys Pro Gln Asp Gln Gly Trp Asn Ala Glu Ile Thr Leu
 1 5 10 15
 45 Gln Met Val Gln
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<210> 488
 <211> 20
 50 <212> PRT
 <213> Homo sapiens
 <400> 488
 Phe Arg Cys Pro Gln Asp Gln Gly Trp Asn Ala Glu Ile Thr Leu Gln
 1 5 10 15
 55 Met Val Gln Tyr
 20