

SEQUENCE LISTING

<110> Nanjing BioPoint Diagnostic Technology Co.

<120> Point of care assays

<130> 523836PCT

<141> 2017-09-28

<150> 201610878590.7

<151> 2016-09-30

<160> 6

<170> PatentIn version 3.5

<210> 1

<211> 496

<212> PRT

<213> Homo sapiens

<400> 1

Met Ala Ser Ser Thr Gly Asp Arg Ser Gln Ala Val Arg His Gly Leu
1 5 10 15

Arg Ala Lys Val Leu Thr Leu Asp Gly Met Asn Pro Arg Val Arg Arg
20 25 30

Val Glu Tyr Ala Val Arg Gly Pro Ile Val Gln Arg Ala Leu Glu Leu
35 40 45

Glu Gln Glu Leu Arg Gln Gly Val Lys Lys Pro Phe Thr Glu Val Ile
50 55 60

Arg Ala Asn Ile Gly Asp Ala Gln Ala Met Gly Gln Arg Pro Ile Thr
65 70 75 80

Phe Leu Arg Gln Val Leu Ala Leu Cys Val Asn Pro Asp Leu Leu Ser
85 90 95

Ser Pro Asn Phe Pro Asp Asp Ala Lys Lys Arg Ala Glu Arg Ile Leu
100 105 110

Gln Ala Cys Gly Gly His Ser Leu Gly Ala Tyr Ser Val Ser Ser Gly
115 120 125

Ile Gln Leu Ile Arg Glu Asp Val Ala Arg Tyr Ile Glu Arg Arg Asp
130 135 140

Gly Gly Ile Pro Ala Asp Pro Asn Asn Val Phe Leu Ser Thr Gly Ala
145 150 155 160

Ser Asp Ala Ile Val Thr Val Leu Lys Leu Leu Val Ala Gly Glu Gly
165 170 175

His Thr Arg Thr Gly Val Leu Ile Pro Ile Pro Gln Tyr Pro Leu Tyr
180 185 190

Ser Ala Thr Leu Ala Glu Leu Gly Ala Val Gln Val Asp Tyr Tyr Leu
195 200 205

Asp Glu Glu Arg Ala Trp Ala Leu Asp Val Ala Glu Leu His Arg Ala
210 215 220

Leu Gly Gln Ala Arg Asp His Cys Arg Pro Arg Ala Leu Cys Val Ile
225 230 235 240

Asn Pro Gly Asn Pro Thr Gly Gln Val Gln Thr Arg Glu Cys Ile Glu
245 250 255

Ala Val Ile Arg Phe Ala Phe Glu Glu Arg Leu Phe Leu Leu Ala Asp
260 265 270

Glu Val Tyr Gln Asp Asn Val Tyr Ala Ala Gly Ser Gln Phe His Ser
275 280 285

Phe Lys Lys Val Leu Met Glu Met Gly Pro Pro Tyr Ala Gly Gln Gln
290 295 300

Glu Leu Ala Ser Phe His Ser Thr Ser Lys Gly Tyr Met Gly Glu Cys
305 310 315 320

Gly Phe Arg Gly Gly Tyr Val Glu Val Val Asn Met Asp Ala Ala Val
325 330 335

Gln Gln Gln Met Leu Lys Leu Met Ser Val Arg Leu Cys Pro Pro Val
340 345 350

Pro Gly Gln Ala Leu Leu Asp Leu Val Val Ser Pro Pro Ala Pro Thr
355 360 365

Asp Pro Ser Phe Ala Gln Phe Gln Ala Glu Lys Gln Ala Val Leu Ala
370 375 380

Glu Leu Ala Ala Lys Ala Lys Leu Thr Glu Gln Val Phe Asn Glu Ala
385 390 395 400

Pro Gly Ile Ser Cys Asn Pro Val Gln Gly Ala Met Tyr Ser Phe Pro
405 410 415

Arg Val Gln Leu Pro Pro Arg Ala Val Glu Arg Ala Gln Glu Leu Gly
420 425 430

Leu Ala Pro Asp Met Phe Phe Cys Leu Arg Leu Leu Glu Glu Thr Gly
435 440 445

Ile Cys Val Val Pro Gly Ser Gly Phe Gly Gln Arg Glu Gly Thr Tyr
450 455 460

His Phe Arg Met Thr Ile Leu Pro Pro Leu Glu Lys Leu Arg Leu Leu
465 470 475 480

Leu Glu Lys Leu Ser Arg Phe His Ala Lys Phe Thr Leu Glu Tyr Ser
485 490 495

<210> 2

<211> 496

<212> PRT

<213> Mus musculus

<400> 2

Met Ala Ser Gln Arg Asn Asp Arg Ile Gln Ala Ser Arg Asn Gly Leu
1 5 10 15

Lys Gly Lys Val Leu Thr Leu Asp Thr Met Asn Pro Cys Val Arg Arg
20 25 30

Val Glu Tyr Ala Val Arg Gly Pro Ile Val Gln Arg Ala Leu Glu Leu
35 40 45

Glu Gln Glu Leu Arg Gln Gly Val Lys Lys Pro Phe Thr Glu Val Ile
50 55 60

Arg Ala Asn Ile Gly Asp Ala Gln Ala Met Gly Gln Arg Pro Ile Thr
65 70 75 80

Phe Phe Arg Gln Val Leu Ala Leu Cys Val Tyr Pro Asn Leu Leu Ser
85 90 95

Ser Pro Asp Phe Pro Glu Asp Ala Lys Arg Arg Ala Glu Arg Ile Leu
100 105 110

Gln Ala Cys Gly Gly His Ser Leu Gly Ala Tyr Ser Ile Ser Ser Gly
115 120 125

Ile Gln Pro Ile Arg Glu Asp Val Ala Gln Tyr Ile Glu Arg Arg Asp
130 135 140

Gly Gly Ile Pro Ala Asp Pro Asn Asn Ile Phe Leu Ser Thr Gly Ala
145 150 155 160

Ser Asp Ala Ile Val Thr Met Leu Lys Leu Leu Val Ala Gly Glu Gly
165 170 175

Arg Ala Arg Thr Gly Val Leu Ile Pro Ile Pro Gln Tyr Pro Leu Tyr

180

185

190

Ser Ala Ala Leu Ala Glu Leu Asp Ala Val Gln Val Asp Tyr Tyr Leu
 195 200 205

Asp Glu Glu Arg Ala Trp Ala Leu Asp Ile Ala Glu Leu Arg Arg Ala
 210 215 220

Leu Cys Gln Ala Arg Asp Arg Cys Cys Pro Arg Val Leu Cys Val Ile
 225 230 235 240

Asn Pro Gly Asn Pro Thr Gly Gln Val Gln Thr Arg Glu Cys Ile Glu
 245 250 255

Ala Val Ile Arg Phe Ala Phe Glu Glu Gly Leu Phe Leu Met Ala Asp
 260 265 270

Glu Val Tyr Gln Asp Asn Val Tyr Ala Glu Gly Ser Gln Phe His Ser
 275 280 285

Phe Lys Lys Val Leu Thr Glu Met Gly Pro Pro Tyr Ala Thr Gln Gln
 290 295 300

Glu Leu Ala Ser Phe His Ser Val Ser Lys Gly Tyr Met Gly Glu Cys
 305 310 315 320

Gly Phe Arg Gly Gly Tyr Val Glu Val Val Asn Met Asp Ala Glu Val
 325 330 335

Gln Lys Gln Met Ala Lys Leu Met Ser Val Arg Leu Cys Pro Pro Val
 340 345 350

Pro Gly Gln Ala Leu Met Gly Met Val Val Ser Pro Pro Thr Pro Ser
 355 360 365

Glu Pro Ser Phe Lys Gln Phe Gln Ala Glu Arg Gln Glu Val Leu Ala
 370 375 380

Glu Leu Ala Ala Lys Ala Lys Leu Thr Glu Gln Val Phe Asn Glu Ala
385 390 395 400

Pro Gly Ile Arg Cys Asn Pro Val Gln Gly Ala Met Tyr Ser Phe Pro
405 410 415

Gln Ile Gln Leu Pro Leu Lys Ala Val Gln Arg Ala Gln Asp Leu Gly
420 425 430

Leu Ala Pro Asp Met Phe Phe Cys Leu Cys Leu Leu Glu Glu Thr Gly
435 440 445

Ile Cys Val Val Pro Gly Ser Gly Phe Gly Gln Gln Glu Gly Thr Tyr
450 455 460

His Phe Arg Met Thr Ile Leu Pro Pro Met Glu Lys Leu Arg Val Leu
465 470 475 480

Leu Glu Lys Leu Arg His Phe His Ala Lys Phe Thr His Glu Tyr Ser
485 490 495

<210> 3
<211> 496
<212> PRT
<213> Rattus rattus

<400> 3

Met Ala Ser Arg Val Asn Asp Gln Ser Gln Ala Ser Arg Asn Gly Leu
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Lys Gly Lys Val Leu Thr Leu Asp Thr Met Asn Pro Cys Val Arg Arg
20 25 30

Val Glu Tyr Ala Val Arg Gly Pro Ile Val Gln Arg Ala Leu Glu Leu
35 40 45

Glu Gln Glu Leu Arg Gln Gly Val Lys Lys Pro Phe Thr Glu Val Ile
50 55 60

Arg Ala Asn Ile Gly Asp Ala Gln Ala Met Gly Gln Arg Pro Ile Thr
65 70 75 80

Phe Phe Arg Gln Val Leu Ala Leu Cys Val Tyr Pro Asn Leu Leu Ser
85 90 95

Ser Pro Asp Phe Pro Glu Asp Ala Lys Arg Arg Ala Glu Arg Ile Leu
100 105 110

Gln Ala Cys Gly Gly His Ser Leu Gly Ala Tyr Ser Ile Ser Ser Gly
115 120 125

Ile Gln Pro Ile Arg Glu Asp Val Ala Gln Tyr Ile Glu Arg Arg Asp
130 135 140

Gly Gly Ile Pro Ala Asp Pro Asn Asn Ile Phe Leu Ser Thr Gly Ala
145 150 155 160

Ser Asp Ala Ile Val Thr Met Leu Lys Leu Leu Val Ser Gly Glu Gly
165 170 175

Arg Ala Arg Thr Gly Val Leu Ile Pro Ile Pro Gln Tyr Pro Leu Tyr
180 185 190

Ser Ala Ala Leu Ala Glu Leu Asp Ala Val Gln Val Asp Tyr Tyr Leu
195 200 205

Asp Glu Glu Arg Ala Trp Ala Leu Asp Ile Ala Glu Leu Arg Arg Ala
210 215 220

Leu Cys Gln Ala Arg Asp Arg Cys Cys Pro Arg Val Leu Cys Val Ile
225 230 235 240

Asn Pro Gly Asn Pro Thr Gly Gln Val Gln Thr Arg Glu Cys Ile Glu
245 250 255

Ala Val Ile Arg Phe Ala Phe Lys Glu Gly Leu Phe Leu Met Ala Asp
260 265 270

Glu Val Tyr Gln Asp Asn Val Tyr Ala Glu Gly Ser Gln Phe His Ser
275 280 285

Phe Lys Lys Val Leu Met Glu Met Gly Pro Pro Tyr Ser Thr Gln Gln
290 295 300

Glu Leu Ala Ser Phe His Ser Val Ser Lys Gly Tyr Met Gly Glu Cys
305 310 315 320

Gly Phe Arg Gly Gly Tyr Val Glu Val Val Asn Met Asp Ala Glu Val
325 330 335

Gln Lys Gln Met Gly Lys Leu Met Ser Val Arg Leu Cys Pro Pro Val
340 345 350

Pro Gly Gln Ala Leu Met Asp Met Val Val Ser Pro Pro Thr Pro Ser
355 360 365

Glu Pro Ser Phe Lys Gln Phe Gln Ala Glu Arg Gln Glu Val Leu Ala
370 375 380

Glu Leu Ala Ala Lys Ala Lys Leu Thr Glu Gln Val Phe Asn Glu Ala
385 390 395 400

Pro Gly Ile Arg Cys Asn Pro Val Gln Gly Ala Met Tyr Ser Phe Pro
405 410 415

Gln Val Gln Leu Pro Leu Lys Ala Val Gln Arg Ala Gln Glu Leu Gly
420 425 430

Leu Ala Pro Asp Met Phe Phe Cys Leu Cys Leu Leu Glu Glu Thr Gly
435 440 445

Ile Cys Val Val Pro Gly Ser Gly Phe Gly Gln Gln Glu Gly Thr Tyr
450 455 460

His Phe Arg Met Thr Ile Leu Pro Pro Met Glu Lys Leu Arg Leu Leu
465 470 475 480

Leu Glu Lys Leu Ser His Phe His Ala Lys Phe Thr His Glu Tyr Ser
485 490 495

<210> 4
<211> 480
<212> PRT
<213> Homo sapiens

<400> 4

Arg Ala Lys Val Leu Thr Leu Asp Gly Met Asn Pro Arg Val Arg Arg
1 5 10 15

Val Glu Tyr Ala Val Arg Gly Pro Ile Val Gln Arg Ala Leu Glu Leu
20 25 30

Glu Gln Glu Leu Arg Gln Gly Val Lys Lys Pro Phe Thr Glu Val Ile
35 40 45

Arg Ala Asn Ile Gly Asp Ala Gln Ala Met Gly Gln Arg Pro Ile Thr
50 55 60

Phe Leu Arg Gln Val Leu Ala Leu Cys Val Asn Pro Asp Leu Leu Ser
65 70 75 80

Ser Pro Asn Phe Pro Asp Asp Ala Lys Lys Arg Ala Glu Arg Ile Leu
85 90 95

Gln Ala Cys Gly Gly His Ser Leu Gly Ala Tyr Ser Val Ser Ser Gly
100 105 110

Ile Gln Leu Ile Arg Glu Asp Val Ala Arg Tyr Ile Glu Arg Arg Asp
115 120 125

Gly Gly Ile Pro Ala Asp Pro Asn Asn Val Phe Leu Ser Thr Gly Ala

130

135

140

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

His Thr Arg Thr Gly Val Leu Ile Pro Ile Pro Gln Tyr Pro Leu Tyr
 165 170 175

Ser Ala Thr Leu Ala Glu Leu Gly Ala Val Gln Val Asp Tyr Tyr Leu
 180 185 190

Asp Glu Glu Arg Ala Trp Ala Leu Asp Val Ala Glu Leu His Arg Ala
 195 200 205

Leu Gly Gln Ala Arg Asp His Cys Arg Pro Arg Ala Leu Cys Val Ile
 210 215 220

Asn Pro Gly Asn Pro Thr Gly Gln Val Gln Thr Arg Glu Cys Ile Glu
 225 230 235 240

Ala Val Ile Arg Phe Ala Phe Glu Glu Arg Leu Phe Leu Leu Ala Asp
 245 250 255

Glu Val Tyr Gln Asp Asn Val Tyr Ala Ala Gly Ser Gln Phe His Ser
 260 265 270

Phe Lys Lys Val Leu Met Glu Met Gly Pro Pro Tyr Ala Gly Gln Gln
 275 280 285

Glu Leu Ala Ser Phe His Ser Thr Ser Lys Gly Tyr Met Gly Glu Cys
 290 295 300

Gly Phe Arg Gly Gly Tyr Val Glu Val Val Asn Met Asp Ala Ala Val
 305 310 315 320

Gln Gln Gln Met Leu Lys Leu Met Ser Val Arg Leu Cys Pro Pro Val
 325 330 335

Pro Gly Gln Ala Leu Leu Asp Leu Val Val Ser Pro Pro Ala Pro Thr
340 345 350

Asp Pro Ser Phe Ala Gln Phe Gln Ala Glu Lys Gln Ala Val Leu Ala
355 360 365

Glu Leu Ala Ala Lys Ala Lys Leu Thr Glu Gln Val Phe Asn Glu Ala
370 375 380

Pro Gly Ile Ser Cys Asn Pro Val Gln Gly Ala Met Tyr Ser Phe Pro
385 390 395 400

Arg Val Gln Leu Pro Pro Arg Ala Val Glu Arg Ala Gln Glu Leu Gly
405 410 415

Leu Ala Pro Asp Met Phe Phe Cys Leu Arg Leu Leu Glu Glu Thr Gly
420 425 430

Ile Cys Val Val Pro Gly Ser Gly Phe Gly Gln Arg Glu Gly Thr Tyr
435 440 445

His Phe Arg Met Thr Ile Leu Pro Pro Leu Glu Lys Leu Arg Leu Leu
450 455 460

Leu Glu Lys Leu Ser Arg Phe His Ala Lys Phe Thr Leu Glu Tyr Ser
465 470 475 480

<210> 5
<211> 480
<212> PRT
<213> Oryctolagus cuniculus

<400> 5

Arg Glu Arg Ile Leu Thr Leu Glu Ser Met Asn Pro Gln Val Lys Ala
1 5 10 15

Val Glu Tyr Ala Val Arg Gly Pro Ile Val Leu Lys Ala Gly Glu Ile
20 25 30

Glu Leu Glu Leu Gln Arg Gly Ile Lys Lys Pro Phe Thr Glu Val Ile
35 40 45

Arg Ala Asn Ile Gly Asp Ala Gln Ala Met Gly Gln Gln Pro Ile Thr
50 55 60

Phe Leu Arg Gln Val Met Ala Leu Cys Thr Tyr Pro Asn Leu Leu Asp
65 70 75 80

Ser Pro Ser Phe Pro Glu Asp Ala Lys Lys Arg Ala Arg Arg Ile Leu
85 90 95

Gln Ala Cys Gly Gly Asn Ser Leu Gly Ser Tyr Ser Ala Ser Gln Gly
100 105 110

Val Asn Cys Ile Arg Glu Asp Val Ala Ala Tyr Ile Thr Arg Arg Asp
115 120 125

Gly Gly Val Pro Ala Asp Pro Asp Asn Ile Tyr Leu Thr Thr Gly Ala
130 135 140

Ser Asp Gly Ile Ser Thr Thr Leu Lys Ile Leu Val Ser Gly Gly Gly
145 150 155 160

Lys Ser Arg Thr Gly Val Met Ile Pro Ile Pro Gln Tyr Pro Leu Tyr
165 170 175

Ser Ala Val Ile Ser Glu Leu Asp Ala Val Gln Val Asn Tyr Tyr Leu
180 185 190

Asp Glu Glu Asn Cys Trp Ala Leu Asn Val Asn Glu Leu Arg Arg Ala
195 200 205

Leu Arg Glu Ala Lys Asp His Cys Asp Pro Lys Val Leu Cys Ile Ile
210 215 220

Asn Pro Gly Asn Pro Thr Gly Gln Val Gln Ser Arg Lys Cys Ile Glu
225 230 235 240

Asp Val Ile His Phe Ala Trp Glu Glu Lys Leu Phe Leu Leu Ala Asp
245 250 255

Glu Val Tyr Gln Asp Asn Val Tyr Ser Pro Asp Cys Arg Phe His Ser
260 265 270

Phe Lys Lys Val Leu Tyr Glu Met Gly Pro Glu Tyr Ser Asn Asn Val
275 280 285

Glu Leu Ala Ser Phe His Ser Thr Ser Lys Gly Tyr Met Gly Glu Cys
290 295 300

Gly Tyr Arg Gly Gly Tyr Met Glu Val Ile Asn Leu His Pro Glu Ile
305 310 315 320

Lys Gly Gln Leu Val Lys Leu Leu Ser Val Arg Leu Cys Pro Pro Val
325 330 335

Ser Gly Gln Ala Ala Met Asp Ile Val Val Asn Pro Pro Val Pro Gly
340 345 350

Glu Glu Ser Phe Glu Gln Phe Ile Arg Glu Lys Glu Ser Val Leu Gly
355 360 365

Asn Leu Ala Lys Lys Ala Lys Leu Thr Glu Asp Leu Phe Asn Gln Val
370 375 380

Pro Gly Ile His Cys Asn Pro Leu Gln Gly Ala Met Tyr Ala Phe Pro
385 390 395 400

Arg Ile Phe Ile Pro Ala Lys Ala Val Glu Glu Ala Gln Ala His Lys
405 410 415

Met Ala Pro Asp Met Phe Tyr Cys Met Lys Leu Leu Glu Glu Thr Gly
420 425 430

Ile Cys Val Val Pro Gly Ser Gly Phe Gly Gln Arg Glu Gly Thr Tyr
435 440 445

His Phe Arg Met Thr Ile Leu Pro Pro Met Glu Lys Leu Lys Thr Val
450 455 460

Leu Gln Lys Val Lys Asp Phe His Met Gln Phe Leu Glu Lys Tyr Ala
465 470 475 480

<210> 6

<211> 523

<212> PRT

<213> Homo sapiens

<400> 6

Met Gln Arg Ala Ala Ala Leu Val Arg Arg Gly Cys Gly Pro Arg Thr
1 5 10 15

Pro Ser Ser Trp Gly Arg Ser Gln Ser Ser Ala Ala Ala Glu Ala Ser
20 25 30

Ala Val Leu Lys Val Arg Pro Glu Arg Ser Arg Arg Glu Arg Ile Leu
35 40 45

Thr Leu Glu Ser Met Asn Pro Gln Val Lys Ala Val Glu Tyr Ala Val
50 55 60

Arg Gly Pro Ile Val Leu Lys Ala Gly Glu Ile Glu Leu Glu Leu Gln
65 70 75 80

Arg Gly Ile Lys Lys Pro Phe Thr Glu Val Ile Arg Ala Asn Ile Gly
85 90 95

Asp Ala Gln Ala Met Gly Gln Gln Pro Ile Thr Phe Leu Arg Gln Val
100 105 110

Met Ala Leu Cys Thr Tyr Pro Asn Leu Leu Asp Ser Pro Ser Phe Pro

115

120

125

Glu Asp Ala Lys Lys Arg Ala Arg Arg Ile Leu Gln Ala Cys Gly Gly
 130 135 140

Asn Ser Leu Gly Ser Tyr Ser Ala Ser Gln Gly Val Asn Cys Ile Arg
 145 150 155 160

Glu Asp Val Ala Ala Tyr Ile Thr Arg Arg Asp Gly Gly Val Pro Ala
 165 170 175

Asp Pro Asp Asn Ile Tyr Leu Thr Thr Gly Ala Ser Asp Gly Ile Ser
 180 185 190

Thr Ile Leu Lys Ile Leu Val Ser Gly Gly Gly Lys Ser Arg Thr Gly
 195 200 205

Val Met Ile Pro Ile Pro Gln Tyr Pro Leu Tyr Ser Ala Val Ile Ser
 210 215 220

Glu Leu Asp Ala Ile Gln Val Asn Tyr Tyr Leu Asp Glu Glu Asn Cys
 225 230 235 240

Trp Ala Leu Asn Val Asn Glu Leu Arg Arg Ala Val Gln Glu Ala Lys
 245 250 255

Asp His Cys Asp Pro Lys Val Leu Cys Ile Ile Asn Pro Gly Asn Pro
 260 265 270

Thr Gly Gln Val Gln Ser Arg Lys Cys Ile Glu Asp Val Ile His Phe
 275 280 285

Ala Trp Glu Glu Lys Leu Phe Leu Leu Ala Asp Glu Val Tyr Gln Asp
 290 295 300

Asn Val Tyr Ser Pro Asp Cys Arg Phe His Ser Phe Lys Lys Val Leu
 305 310 315 320

Tyr Glu Met Gly Pro Glu Tyr Ser Ser Asn Val Glu Leu Ala Ser Phe
325 330 335

His Ser Thr Ser Lys Gly Tyr Met Gly Glu Cys Gly Tyr Arg Gly Gly
340 345 350

Tyr Met Glu Val Ile Asn Leu His Pro Glu Ile Lys Gly Gln Leu Val
355 360 365

Lys Leu Leu Ser Val Arg Leu Cys Pro Pro Val Ser Gly Gln Ala Ala
370 375 380

Met Asp Ile Val Val Asn Pro Pro Val Ala Gly Glu Glu Ser Phe Glu
385 390 395 400

Gln Phe Ser Arg Glu Lys Glu Ser Val Leu Gly Asn Leu Ala Lys Lys
405 410 415

Ala Lys Leu Thr Glu Asp Leu Phe Asn Gln Val Pro Gly Ile His Cys
420 425 430

Asn Pro Leu Gln Gly Ala Met Tyr Ala Phe Pro Arg Ile Phe Ile Pro
435 440 445

Ala Lys Ala Val Glu Ala Ala Gln Ala His Gln Met Ala Pro Asp Met
450 455 460

Phe Tyr Cys Met Lys Leu Leu Glu Glu Thr Gly Ile Cys Val Val Pro
465 470 475 480

Gly Ser Gly Phe Gly Gln Arg Glu Gly Thr Tyr His Phe Arg Met Thr
485 490 495

Ile Leu Pro Pro Val Glu Lys Leu Lys Thr Val Leu Gln Lys Val Lys
500 505 510

Asp Phe His Ile Asn Phe Leu Glu Lys Tyr Ala

515

520