

sequence listing 45346PCT\_ST25  
SEQUENCE LISTING

<110> The Macfarlane Burnet Institute for Medical Research and  
Public Health Ltd

<120> BINDING ASSAYS AND METHOD FOR PROBING ANTIBODY FUNCTION WITH FC  
BINDING MULTIMERS

<130> 45346PCT

<160> 23

<170> PatentIn version 3.5

<210> 1

<211> 317

<212> PRT

<213> homo sapiens

<220>

<221> signal sequence

<222> (1)..(35)

<220>

<221> N terminus of mature peptide

<222> (36)..(36)

<220>

<221> His 131

<222> (167)..(167)

<400> 1

Met Thr Met Glu Thr Gln Met Ser Gln Asn Val Cys Pro Arg Asn Leu  
1 5 10 15

Trp Leu Leu Gln Pro Leu Thr Val Leu Leu Leu Leu Ala Ser Ala Asp  
20 25 30

Ser Gln Ala Ala Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Pro  
35 40 45

Trp Ile Asn Val Leu Gln Glu Asp Ser Val Thr Leu Thr Cys Gln Gly  
50 55 60

Ala Arg Ser Pro Glu Ser Asp Ser Ile Gln Trp Phe His Asn Gly Asn  
65 70 75 80

Leu Ile Pro Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn  
85 90 95

Asn Asp Ser Gly Glu Tyr Thr Cys Gln Thr Gly Gln Thr Ser Leu Ser  
100 105 110

Asp Pro Val His Leu Thr Val Leu Ser Glu Trp Leu Val Leu Gln Thr  
115 120 125

Pro His Leu Glu Phe Gln Glu Gly Glu Thr Ile Met Leu Arg Cys His  
130 135 140

## sequence listing 45346PCT\_ST25

Ser Trp Lys Asp Lys Pro Leu Val Lys Val Thr Phe Phe Gln Asn Gly  
 145 150 155 160  
 Lys Ser Gln Lys Phe Ser His Leu Asp Pro Thr Phe Ser Ile Pro Gln  
 165 170 175  
 Ala Asn His Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly  
 180 185 190  
 Tyr Thr Leu Phe Ser Ser Lys Pro Val Thr Ile Thr Val Gln Val Pro  
 195 200 205  
 Ser Met Gly Ser Ser Ser Pro Met Gly Ile Ile Val Ala Val Val Ile  
 210 215 220  
 Ala Thr Ala Val Ala Ala Ile Val Ala Ala Val Val Ala Leu Ile Tyr  
 225 230 235 240  
 Cys Arg Lys Lys Arg Ile Ser Ala Asn Ser Thr Asp Pro Val Lys Ala  
 245 250 255  
 Ala Gln Phe Glu Pro Pro Gly Arg Gln Met Ile Ala Ile Arg Lys Arg  
 260 265 270  
 Gln Leu Glu Glu Thr Asn Asn Asp Tyr Glu Thr Ala Asp Gly Gly Tyr  
 275 280 285  
 Met Thr Leu Asn Pro Arg Ala Pro Thr Asp Asp Asp Lys Asn Ile Tyr  
 290 295 300  
 Leu Thr Leu Pro Pro Asn Asp His Val Asn Ser Asn Asn  
 305 310 315  
 <210> 2  
 <211> 317  
 <212> PRT  
 <213> homo sapiens  
 <400> 2  
 Met Thr Met Glu Thr Gln Met Ser Gln Asn Val Cys Pro Arg Asn Leu  
 1 5 10 15  
 Trp Leu Leu Gln Pro Leu Thr Val Leu Leu Leu Leu Ala Ser Ala Asp  
 20 25 30  
 Ser Gln Ala Ala Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Pro  
 35 40 45  
 Trp Ile Asn Val Leu Gln Glu Asp Ser Val Thr Leu Thr Cys Gln Gly  
 50 55 60

## sequence listing 45346PCT\_ST25

Ala Arg Ser Pro Glu Ser Asp Ser Ile Gln Trp Phe His Asn Gly Asn  
 65 70 75 80  
 Leu Ile Pro Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn  
 85 90 95  
 Asn Asp Ser Gly Glu Tyr Thr Cys Gln Thr Gly Gln Thr Ser Leu Ser  
 100 105 110  
 Asp Pro Val His Leu Thr Val Leu Ser Glu Trp Leu Val Leu Gln Thr  
 115 120 125  
 Pro His Leu Glu Phe Gln Glu Gly Glu Thr Ile Met Leu Arg Cys His  
 130 135 140  
 Ser Trp Lys Asp Lys Pro Leu Val Lys Val Thr Phe Phe Gln Asn Gly  
 145 150 155 160  
 Lys Ser Gln Lys Phe Ser Arg Leu Asp Pro Thr Phe Ser Ile Pro Gln  
 165 170 175  
 Ala Asn His Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly  
 180 185 190  
 Tyr Thr Leu Phe Ser Ser Lys Pro Val Thr Ile Thr Val Gln Val Pro  
 195 200 205  
 Ser Met Gly Ser Ser Ser Pro Met Gly Ile Ile Val Ala Val Val Ile  
 210 215 220  
 Ala Thr Ala Val Ala Ala Ile Val Ala Ala Val Val Ala Leu Ile Tyr  
 225 230 235 240  
 Cys Arg Lys Lys Arg Ile Ser Ala Asn Ser Thr Asp Pro Val Lys Ala  
 245 250 255  
 Ala Gln Phe Glu Pro Pro Gly Arg Gln Met Ile Ala Ile Arg Lys Arg  
 260 265 270  
 Gln Leu Glu Glu Thr Asn Asn Asp Tyr Glu Thr Ala Asp Gly Gly Tyr  
 275 280 285  
 Met Thr Leu Asn Pro Arg Ala Pro Thr Asp Asp Asp Lys Asn Ile Tyr  
 290 295 300  
 Leu Thr Leu Pro Pro Asn Asp His Val Asn Ser Asn Asn  
 305 310 315  
 <210> 3  
 <211> 307  
 <212> PRT

## sequence listing 45346PCT\_ST25

&lt;213&gt; Macaca nemestrina

&lt;400&gt; 3

Met Glu Thr Gln Met Ser Gln Asn Val Cys Pro Gly Asn Leu Trp Leu  
 1 5 10 15  
 Leu Gln Pro Leu Thr Val Leu Leu Leu Leu Ala Ser Ala Asp Ser Gln  
 20 25 30  
 Thr Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Pro Trp Ile Asn  
 35 40 45  
 Val Leu Arg Glu Asp Ser Val Thr Leu Thr Cys Gly Gly Ala His Ser  
 50 55 60  
 Pro Asp Ser Asp Ser Thr Gln Trp Phe His Asn Gly Asn Leu Ile Pro  
 65 70 75 80  
 Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn Asp Ser  
 85 90 95  
 Gly Glu Tyr Arg Cys Gln Thr Gly Arg Thr Ser Leu Ser Asp Pro Ile  
 100 105 110  
 His Leu Thr Val Leu Ser Glu Trp Leu Ala Leu Gln Thr Pro His Leu  
 115 120 125  
 Glu Phe Arg Glu Gly Glu Thr Ile Met Leu Arg Cys His Ser Trp Lys  
 130 135 140  
 Asp Lys Pro Leu Ile Lys Val Thr Phe Phe Gln Asn Gly Ile Ser Lys  
 145 150 155 160  
 Lys Phe Ser His Met Asp Pro Asn Phe Ser Ile Pro Gln Ala Asn His  
 165 170 175  
 Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly Tyr Thr Pro  
 180 185 190  
 Tyr Ser Ser Lys Pro Val Thr Ile Thr Val Gln Val Pro Ser Val Gly  
 195 200 205  
 Ser Ser Ser Pro Met Gly Ile Ile Val Ala Val Val Thr Gly Ile Ala  
 210 215 220  
 Val Ala Ala Val Val Ala Ala Val Val Ala Leu Ile Tyr Cys Arg Lys  
 225 230 235 240  
 Lys Arg Ile Ser Ala Asn Ser Thr Asp Pro Val Lys Ala Ala Arg Phe  
 245 250 255

## sequence listing 45346PCT\_ST25

Glu Pro Leu Gly His Gln Thr Ile Ala Leu Arg Lys Arg Gln Leu Glu  
 260 265 270

Glu Thr Asn Asn Asp Tyr Glu Thr Val Asp Gly Gly Tyr Met Thr Leu  
 275 280 285

Asn Pro Arg Ala Pro Thr Asp Asp Asp Arg Asn Ile Tyr Leu Ala Leu  
 290 295 300

Ser Pro Asn  
 305

<210> 4  
 <211> 307  
 <212> PRT  
 <213> Macaca nemestrina  
 <400> 4

Met Glu Thr Gln Met Ser Gln Asn Val Cys Pro Gly Asn Leu Trp Leu  
 1 5 10 15

Leu Gln Pro Leu Thr Val Leu Leu Leu Leu Ala Ser Ala Asp Ser Gln  
 20 25 30

Thr Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Pro Trp Ile Asn  
 35 40 45

Val Leu Arg Glu Asp Ser Val Thr Leu Thr Cys Gly Gly Ala His Ser  
 50 55 60

Pro Asp Ser Asp Ser Thr Gln Trp Phe His Asn Gly Asn Leu Ile Pro  
 65 70 75 80

Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn Asp Ser  
 85 90 95

Gly Glu Tyr Arg Cys Gln Thr Gly Arg Thr Ser Leu Ser Asp Pro Ile  
 100 105 110

His Leu Thr Val Leu Ser Glu Trp Leu Ala Leu Gln Thr Pro His Leu  
 115 120 125

Glu Phe Arg Glu Gly Glu Thr Ile Met Leu Arg Cys His Ser Trp Lys  
 130 135 140

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

Lys Phe Ser Pro Met Asp Pro Asn Phe Ser Ile Pro Gln Ala Asn His  
 165 170 175

Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly Tyr Thr Pro  
 Page 5

## sequence listing 45346PCT\_ST25

180

185

190

Tyr Ser Ser Lys Pro Val Thr Ile Thr Val Gln Val Pro Ser Val Gly  
 195 200 205

Ser Ser Ser Pro Met Gly Ile Ile Val Ala Val Val Thr Gly Ile Ala  
 210 215 220

Val Ala Ala Val Val Ala Ala Val Val Ala Leu Ile Tyr Cys Arg Lys  
 225 230 235 240

Lys Arg Ile Ser Ala Asn Ser Thr Asp Pro Val Lys Ala Ala Arg Phe  
 245 250 255

Glu Pro Leu Gly His Gln Thr Ile Ala Leu Arg Lys Arg Gln Leu Glu  
 260 265 270

Glu Thr Asn Asn Asp Tyr Glu Thr Val Asp Gly Gly Tyr Met Thr Leu  
 275 280 285

Asn Pro Arg Ala Pro Thr Asp Asp Asp Arg Asn Ile Tyr Leu Ala Leu  
 290 295 300

Ser Pro Asn  
 305

<210> 5  
 <211> 309  
 <212> PRT  
 <213> Homo sapiens

<400> 5

Met Gly Ile Leu Ser Phe Leu Pro Val Leu Ala Thr Glu Ser Asp Trp  
 1 5 10 15

Ala Asp Cys Lys Ser Pro Gln Pro Trp Gly His Met Leu Leu Trp Thr  
 20 25 30

Ala Val Leu Phe Leu Ala Pro Val Ala Gly Thr Pro Ala Pro Pro Lys  
 35 40 45

Ala Val Leu Lys Leu Glu Pro Gln Trp Ile Asn Val Leu Gln Glu Asp  
 50 55 60

Ser Val Thr Leu Thr Cys Arg Gly Thr His Ser Pro Glu Ser Asp Ser  
 65 70 75 80

Ile Gln Trp Phe His Asn Gly Asn Leu Ile Pro Thr His Thr Gln Pro  
 85 90 95

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

## sequence listing 45346PCT\_ST25

Gln Thr Gly Gln Thr Ser Leu Ser Asp Pro Val His Leu Thr Val Leu  
 115 120 125

Ser Glu Trp Leu Val Leu Gln Thr Pro His Leu Glu Phe Gln Glu Gly  
 130 135 140

Glu Thr Ile Val Leu Arg Cys His Ser Trp Lys Asp Lys Pro Leu Val  
 145 150 155 160

Lys Val Thr Phe Phe Gln Asn Gly Lys Ser Lys Lys Phe Ser Arg Ser  
 165 170 175

Asp Pro Asn Phe Ser Ile Pro Gln Ala Asn His Ser His Ser Gly Asp  
 180 185 190

Tyr His Cys Thr Gly Asn Ile Gly Tyr Thr Leu Tyr Ser Ser Lys Pro  
 195 200 205

Val Thr Ile Thr Val Gln Ala Pro Ser Ser Ser Pro Met Gly Ile Ile  
 210 215 220

Val Ala Val Val Thr Gly Ile Ala Val Ala Ala Ile Val Ala Ala Val  
 225 230 235 240

Val Ala Leu Ile Tyr Cys Arg Lys Lys Arg Ile Ser Ala Leu Pro Gly  
 245 250 255

Tyr Pro Glu Cys Arg Glu Met Gly Glu Thr Leu Pro Glu Lys Pro Ala  
 260 265 270

Asn Pro Thr Asn Pro Asp Glu Ala Asp Lys Val Gly Ala Glu Asn Thr  
 275 280 285

Ile Thr Tyr Ser Leu Leu Met His Pro Asp Ala Leu Glu Glu Pro Asp  
 290 295 300

Asp Gln Asn Arg Ile  
 305

<210> 6  
 <211> 312  
 <212> PRT  
 <213> Macaca nemestrina

<400> 6

Met Gly Ile Leu Ser Phe Leu Pro Val Leu Ala Thr Glu Ser Asp Trp  
 1 5 10 15

Ala Asp Cys Lys Ser Pro Gln Pro Trp Gly His Met Leu Leu Trp Thr  
 20 25 30

## sequence listing 45346PCT\_ST25

Ala Val Leu Phe Leu Ala Pro Val Ala Gly Thr Pro Ala Pro Pro Lys  
           35                          40                          45

Ala Val Leu Lys Leu Glu Pro Pro Trp Ile Asn Val Leu Arg Glu Asp  
       50                          55                          60

Ser Val Thr Leu Thr Cys Gly Gly Ala His Ser Pro Asp Ser Asp Ser  
   65                          70                          75                          80

Thr Gln Trp Phe His Asn Gly Asn Leu Ile Pro Thr His Thr Gln Pro  
                           85                          90                          95

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

Gln Thr Gly Arg Thr Ser Leu Ser Asp Pro Val His Leu Thr Val Leu  
           115                          120                          125

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

Glu Thr Ile Met Leu Arg Cys His Ser Trp Lys Asp Lys Pro Leu Ile  
   145                          150                          155                          160

Lys Val Thr Phe Phe Gln Asn Gly Ile Ser Lys Lys Phe Ser His Met  
                   165                          170                          175

Asp Pro Asn Phe Ser Ile Pro Gln Ala Asn His Ser His Ser Gly Asp  
                   180                          185                          190

Tyr His Cys Thr Gly Asn Ile Gly Tyr Thr Pro Tyr Ser Ser Lys Pro  
           195                          200                          205

Val Thr Ile Thr Val Gln Val Pro Ser Met Gly Ser Ser Ser Pro Ile  
       210                          215                          220

Gly Ile Ile Val Ala Val Val Thr Gly Ile Ala Val Ala Ala Ile Val  
   225                          230                          235                          240

Ala Ala Val Val Ala Leu Ile Tyr Cys Arg Lys Lys Arg Ile Ser Ala  
                   245                          250                          255

Leu Pro Gly Asn Pro Glu Cys Arg Glu Met Gly Glu Thr Leu Pro Glu  
           260                          265                          270

Lys Pro Ala Asn Pro Thr Asn Pro Asp Glu Ala Asp Lys Val Gly Ala  
           275                          280                          285

Glu Asn Thr Ile Thr Tyr Ser Leu Leu Met His Pro Asp Ala Leu Glu  
       290                          295                          300



## sequence listing 45346PCT\_ST25

Glu Pro Asp Asp Gln Asn Arg Val  
305 310

<210> 7  
<211> 254  
<212> PRT  
<213> Homo sapiens

<400> 7

Met Trp Gln Leu Leu Leu Pro Thr Ala Leu Leu Leu Val Ser Ala  
1 5 10 15

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

Gln Trp Tyr Arg Val Leu Glu Lys Asp Ser Val Thr Leu Lys Cys Gln  
35 40 45

Gly Ala Tyr Ser Pro Glu Asp Asn Ser Thr Gln Trp Phe His Asn Glu  
50 55 60

Ser Leu Ile Ser Ser Gln Ala Ser Ser Tyr Phe Ile Asp Ala Ala Thr  
65 70 75 80

Val Asp Asp Ser Gly Glu Tyr Arg Cys Gln Thr Asn Leu Ser Thr Leu  
85 90 95

Ser Asp Pro Val Gln Leu Glu Val His Ile Gly Trp Leu Leu Leu Gln  
100 105 110

Ala Pro Arg Trp Val Phe Lys Glu Glu Asp Pro Ile His Leu Arg Cys  
115 120 125

His Ser Trp Lys Asn Thr Ala Leu His Lys Val Thr Tyr Leu Gln Asn  
130 135 140

Gly Lys Gly Arg Lys Tyr Phe His His Asn Ser Asp Phe Tyr Ile Pro  
145 150 155 160

Lys Ala Thr Leu Lys Asp Ser Gly Ser Tyr Phe Cys Arg Gly Leu Val  
165 170 175

Gly Ser Lys Asn Val Ser Ser Glu Thr Val Asn Ile Thr Ile Thr Gln  
180 185 190

Gly Leu Ser Val Ser Thr Ile Ser Ser Phe Phe Pro Pro Gly Tyr Gln  
195 200 205

Val Ser Phe Cys Leu Val Met Val Leu Leu Phe Ala Val Asp Thr Gly  
210 215 220

## sequence listing 45346PCT\_ST25

Leu Tyr Phe Ser Val Lys Thr Asn Ile Arg Ser Ser Thr Arg Asp Trp  
 225 230 235 240

Lys Asp His Lys Phe Lys Trp Arg Lys Asp Pro Gln Asp Lys  
 245 250

<210> 8  
 <211> 290  
 <212> PRT  
 <213> Homo sapiens

<400> 8

Met Gly Gly Gly Ala Gly Glu Arg Leu Phe Thr Ser Ser Cys Leu Val  
 1 5 10 15

Gly Leu Val Pro Leu Gly Leu Arg Ile Ser Leu Val Thr Cys Pro Leu  
 20 25 30

Gln Cys Gly Ile Met Trp Gln Leu Leu Leu Pro Thr Ala Leu Leu Leu  
 35 40 45

Leu Val Ser Ala Gly Met Arg Thr Glu Asp Leu Pro Lys Ala Val Val  
 50 55 60

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

Leu Lys Cys Gln Gly Ala Tyr Ser Pro Glu Asp Asn Ser Thr Gln Trp  
 85 90 95

Phe His Asn Glu Ser Leu Ile Ser Ser Gln Ala Ser Ser Tyr Phe Ile  
 100 105 110

Asp Ala Ala Thr Val Asp Asp Ser Gly Glu Tyr Arg Cys Gln Thr Asn  
 115 120 125

Leu Ser Thr Leu Ser Asp Pro Val Gln Leu Glu Val His Ile Gly Trp  
 130 135 140

Leu Leu Leu Gln Ala Pro Arg Trp Val Phe Lys Glu Glu Asp Pro Ile  
 145 150 155 160

His Leu Arg Cys His Ser Trp Lys Asn Thr Ala Leu His Lys Val Thr  
 165 170 175

Tyr Leu Gln Asn Gly Lys Gly Arg Lys Tyr Phe His His Asn Ser Asp  
 180 185 190

Phe Tyr Ile Pro Lys Ala Thr Leu Lys Asp Ser Gly Ser Tyr Phe Cys  
 195 200 205

Arg Gly Leu Phe Gly Ser Lys Asn Val Ser Ser Glu Thr Val Asn Ile  
 Page 10

210 sequence listing 45346PCT\_ST25  
215 220

Thr Ile Thr Gln Gly Leu Ala Val Ser Thr Ile Ser Ser Phe Phe Pro  
225 230 235 240

Pro Gly Tyr Gln Val Ser Phe Cys Leu Val Met Val Leu Leu Phe Ala  
245 250 255

Val Asp Thr Gly Leu Tyr Phe Ser Val Lys Thr Asn Ile Arg Ser Ser  
260 265 270

Thr Arg Asp Trp Lys Asp His Lys Phe Lys Trp Arg Lys Asp Pro Gln  
275 280 285

Asp Lys  
290

<210> 9  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> AviTag biotinylation sequence

<400> 9

Gly Leu Asn Asp Ile Phe Glu Ala Gln Lys Ile Glu Trp His Glu  
1 5 10 15

<210> 10  
<211> 238  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Human rsFcgammaRIIa H131 monomer fusion peptide

<400> 10

Met Glu Thr Gln Met Ser Gln Asn Val Cys Pro Arg Asn Leu Trp Leu  
1 5 10 15

Leu Gln Pro Leu Thr Val Leu Leu Leu Leu Ala Ser Ala Asp Ser Gln  
20 25 30

Ala Ala Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Pro Trp Ile  
35 40 45

Asn Val Leu Gln Glu Asp Ser Val Thr Leu Thr Cys Gln Gly Ala Arg  
50 55 60

Ser Pro Glu Ser Asp Ser Ile Gln Trp Phe His Asn Gly Asn Leu Ile  
65 70 75 80

Pro Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn Asp  
Page 11

## sequence listing 45346PCT\_ST25

85

90

95

Ser Gly Glu Tyr Thr Cys Gln Thr Gly Gln Thr Ser Leu Ser Asp Pro  
                   100                  105                  110

Val His Leu Thr Val Leu Ser Glu Trp Leu Val Leu Gln Thr Pro His  
           115                  120                  125

Leu Glu Phe Gln Glu Gly Glu Thr Ile Met Leu Arg Cys His Ser Trp  
       130                  135                  140

Lys Asp Lys Pro Leu Val Lys Val Thr Phe Phe Gln Asn Gly Lys Ser  
   145                  150                  155                  160

Gln Lys Phe Ser His Leu Asp Pro Thr Phe Ser Ile Pro Gln Ala Asn  
                   165                  170                  175

His Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly Tyr Thr  
                   180                  185                  190

Leu Phe Ser Ser Lys Pro Val Thr Ile Thr Val Gln Val Pro Ser Met  
           195                  200                  205

Gly Pro Gly Ser Ser Ser His His His His His His Pro Gly Gly Gly  
       210                  215                  220

Leu Asn Asp Ile Phe Glu Ala Gln Lys Ile Glu Trp His Glu  
   225                  230                  235

<210> 11  
 <211> 418  
 <212> PRT  
 <213> Artificial

<220>  
 <223> Human rsFcgammaRIIa H131 dimer fusion peptide

<400> 11

Met Glu Thr Gln Met Ser Gln Asn Val Cys Pro Arg Asn Leu Trp Leu  
   1                  5                  10                  15

Leu Gln Pro Leu Thr Val Leu Leu Leu Leu Ala Ser Ala Asp Ser Gln  
           20                  25                  30

Ala Ala Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Pro Trp Ile  
       35                  40                  45

Asn Val Leu Gln Glu Asp Ser Val Thr Leu Thr Cys Gln Gly Ala Arg  
       50                  55                  60

Ser Pro Glu Ser Asp Ser Ile Gln Trp Phe His Asn Gly Asn Leu Ile  
   65                  70                  75                  80

## sequence listing 45346PCT\_ST25

Pro Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn Asp  
 85 90 95  
 Ser Gly Glu Tyr Thr Cys Gln Thr Gly Gln Thr Ser Leu Ser Asp Pro  
 100 105 110  
 Val His Leu Thr Val Leu Ser Glu Trp Leu Val Leu Gln Thr Pro His  
 115 120 125  
 Leu Glu Phe Gln Glu Gly Glu Thr Ile Met Leu Arg Cys His Ser Trp  
 130 135 140  
 Lys Asp Lys Pro Leu Val Lys Val Thr Phe Phe Gln Asn Gly Lys Ser  
 145 150 155 160  
 Gln Lys Phe Ser His Leu Asp Pro Thr Phe Ser Ile Pro Gln Ala Asn  
 165 170 175  
 His Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly Tyr Thr  
 180 185 190  
 Leu Phe Ser Ser Lys Pro Val Thr Ile Thr Val Gln Val Pro Ser Met  
 195 200 205  
 Gly Ser Ser Ser Pro Val Ala Pro Pro Lys Ala Val Leu Lys Leu Glu  
 210 215 220  
 Pro Pro Trp Ile Asn Val Leu Gln Glu Asp Ser Val Thr Leu Thr Cys  
 225 230 235 240  
 Gln Gly Ala Arg Ser Pro Glu Ser Asp Ser Ile Gln Trp Phe His Asn  
 245 250 255  
 Gly Asn Leu Ile Pro Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala  
 260 265 270  
 Asn Asn Asn Asp Ser Gly Glu Tyr Thr Cys Gln Thr Gly Gln Thr Ser  
 275 280 285  
 Leu Ser Asp Pro Val His Leu Thr Val Leu Ser Glu Trp Leu Val Leu  
 290 295 300  
 Gln Thr Pro His Leu Glu Phe Gln Glu Gly Glu Thr Ile Met Leu Arg  
 305 310 315 320  
 Cys His Ser Trp Lys Asp Lys Pro Leu Val Lys Val Thr Phe Phe Gln  
 325 330 335  
 Asn Gly Lys Ser Gln Lys Phe Ser His Leu Asp Pro Thr Phe Ser Ile  
 340 345 350

## sequence listing 45346PCT\_ST25

Pro Gln Ala Asn His Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn  
           355                                  360                                  365

Ile Gly Tyr Thr Leu Phe Ser Ser Lys Pro Val Thr Ile Thr Val Gln  
           370                                  375                                  380

Val Pro Ser Met Gly Pro Gly Ser Ser Ser His His His His His His  
   385                                  390                                  395                                  400

Pro Gly Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Lys Ile Glu Trp  
                                   405                                  410                                  415

His Glu

<210> 12  
 <211> 225  
 <212> PRT  
 <213> Artificial

<220>  
 <223> Human rsFcgammaRIIa R131 monomer fusion peptide

<400> 12

Met Val Leu Ser Leu Leu Tyr Leu Leu Thr Ala Leu Pro Gly Ile Leu  
   1                                  5                                  10                                  15

Ser Ala Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Pro Trp Ile  
                                   20                                  25                                  30

Asn Val Leu Gln Glu Asp Ser Val Thr Leu Thr Cys Gln Gly Ala Arg  
                                   35                                  40                                  45

Ser Pro Glu Ser Asp Ser Ile Gln Trp Phe His Asn Gly Asn Leu Ile  
   50                                  55                                  60

Pro Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn Asp  
   65                                  70                                  75                                  80

Ser Gly Glu Tyr Thr Cys Gln Thr Gly Gln Thr Ser Leu Ser Asp Pro  
                                   85                                  90                                  95

Val His Leu Thr Val Leu Ser Glu Trp Leu Val Leu Gln Thr Pro His  
                                   100                                  105                                  110

Leu Glu Phe Gln Glu Gly Glu Thr Ile Met Leu Arg Cys His Ser Trp  
                                   115                                  120                                  125

Lys Asp Lys Pro Leu Val Lys Val Thr Phe Phe Gln Asn Gly Lys Ser  
   130                                  135                                  140

Gln Lys Phe Ser Arg Leu Asp Pro Thr Phe Ser Ile Pro Gln Ala Asn  
                                   Page 14

sequence listing 45346PCT_ST25																
145				150				155				160				
His	Ser	His	Ser	Gly 165	Asp	Tyr	His	Cys	Thr 170	Gly	Asn	Ile	Gly	Tyr 175	Thr	
Leu	Phe	Ser	Ser 180	Lys	Pro	Val	Thr	Ile 185	Thr	Val	Gln	Val	Pro 190	Ser	Met	
Gly	Ser	Ser 195	Ser	Pro	Gly	Ser	Ser 200	Ser	His	His	His	His 205	His	His	Pro	
Gly	Gly 210	Gly	Leu	Asn	Asp	Ile 215	Phe	Glu	Ala	Gln	Lys 220	Ile	Glu	Trp	His	
Glu 225																
<210> 13																
<211> 405																
<212> PRT																
<213> Artificial																
<220>																
<223> Human rsFcgammaRIIa R131 dimer fusion peptide																
<400> 13																
Met 1	Val	Leu	Ser	Leu 5	Leu	Tyr	Leu	Leu	Thr 10	Ala	Leu	Pro	Gly	Ile 15	Leu	
Ser	Ala	Ala	Pro 20	Pro	Lys	Ala	Val	Leu 25	Lys	Leu	Glu	Pro 30	Pro	Trp	Ile	
Asn	Val	Leu 35	Gln	Glu	Asp	Ser	Val 40	Thr	Leu	Thr	Cys	Gln 45	Gly	Ala	Arg	
Ser	Pro 50	Glu	Ser	Asp	Ser	Ile 55	Gln	Trp	Phe	His	Asn 60	Gly	Asn	Leu	Ile	
Pro 65	Thr	His	Thr	Gln	Pro 70	Ser	Tyr	Arg	Phe	Lys 75	Ala	Asn	Asn	Asn	Asp 80	
Ser	Gly	Glu	Tyr	Thr 85	Cys	Gln	Thr	Gly	Gln 90	Thr	Ser	Leu	Ser	Asp 95	Pro	
Val	His	Leu	Thr 100	Val	Leu	Ser	Glu	Trp 105	Leu	Val	Leu	Gln	Thr 110	Pro	His	
Leu	Glu	Phe 115	Gln	Glu	Gly	Glu	Thr 120	Ile	Met	Leu	Arg	Cys 125	His	Ser	Trp	
Lys	Asp 130	Lys	Pro	Leu	Val	Lys 135	Val	Thr	Phe	Phe	Gln 140	Asn	Gly	Lys	Ser	

## sequence listing 45346PCT\_ST25

Gln Lys Phe Ser Arg Leu Asp Pro Thr Phe Ser Ile Pro Gln Ala Asn  
 145 150 155 160  
 His Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly Tyr Thr  
 165 170 175  
 Leu Phe Ser Ser Lys Pro Val Thr Ile Thr Val Gln Val Pro Ser Met  
 180 185 190  
 Gly Ser Ser Ser Pro Ala Ala Pro Pro Lys Ala Val Leu Lys Leu Glu  
 195 200 205  
 Pro Pro Trp Ile Asn Val Leu Gln Glu Asp Ser Val Thr Leu Thr Cys  
 210 215 220  
 Gln Gly Ala Arg Ser Pro Glu Ser Asp Ser Ile Gln Trp Phe His Asn  
 225 230 235 240  
 Gly Asn Leu Ile Pro Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala  
 245 250 255  
 Asn Asn Asn Asp Ser Gly Glu Tyr Thr Cys Gln Thr Gly Gln Thr Ser  
 260 265 270  
 Leu Ser Asp Pro Val His Leu Thr Val Leu Ser Glu Trp Leu Val Leu  
 275 280 285  
 Gln Thr Pro His Leu Glu Phe Gln Glu Gly Glu Thr Ile Met Leu Arg  
 290 295 300  
 Cys His Ser Trp Lys Asp Lys Pro Leu Val Lys Val Thr Phe Phe Gln  
 305 310 315 320  
 Asn Gly Lys Ser Gln Lys Phe Ser Arg Leu Asp Pro Thr Phe Ser Ile  
 325 330 335  
 Pro Gln Ala Asn His Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn  
 340 345 350  
 Ile Gly Tyr Thr Leu Phe Ser Ser Lys Pro Val Thr Ile Thr Val Gln  
 355 360 365  
 Val Pro Ser Met Gly Ser Ser Ser Pro Gly Ser Ser Ser His His His  
 370 375 380  
 His His His Pro Gly Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Lys  
 385 390 395 400  
 Ile Glu Trp His Glu  
 405



## sequence listing 45346PCT\_ST25

<210> 14  
 <211> 225  
 <212> PRT  
 <213> Artificial

<220>  
 <223> Human rsFcgammaRIIb monomer fusion peptide

<400> 14

Met Val Leu Ser Leu Leu Tyr Leu Leu Thr Ala Leu Pro Gly Ile Leu  
 1 5 10 15

Ser Ala Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Gln Trp Ile  
 20 25 30

Asn Val Leu Gln Glu Asp Ser Val Thr Leu Thr Cys Arg Gly Thr His  
 35 40 45

Ser Pro Glu Ser Asp Ser Ile Gln Trp Phe His Asn Gly Asn Leu Ile  
 50 55 60

Pro Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn Asp  
 65 70 75 80

Ser Gly Glu Tyr Thr Cys Gln Thr Gly Gln Thr Ser Leu Ser Asp Pro  
 85 90 95

Val His Leu Thr Val Leu Ser Glu Trp Leu Val Leu Gln Thr Pro His  
 100 105 110

Leu Glu Phe Gln Glu Gly Glu Thr Ile Val Leu Arg Cys His Ser Trp  
 115 120 125

Lys Asp Lys Pro Leu Val Lys Val Thr Phe Phe Gln Asn Gly Lys Ser  
 130 135 140

Lys Lys Phe Ser Arg Ser Asp Pro Asn Phe Ser Ile Pro Gln Ala Asn  
 145 150 155 160

His Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly Tyr Thr  
 165 170 175

Leu Tyr Ser Ser Lys Pro Val Thr Ile Thr Val Gln Ala Pro Ser Ser  
 180 185 190

Ser Pro Met Gly Pro Gly Ser Ser Ser His His His His His His Pro  
 195 200 205

Gly Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Lys Ile Glu Trp His  
 210 215 220

Glu

## sequence listing 45346PCT\_ST25

225

&lt;210&gt; 15

&lt;211&gt; 405

&lt;212&gt; PRT

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; Human rsFcgammaRIIb dimer fusion peptide

&lt;400&gt; 15

Met Val Leu Ser Leu Leu Tyr Leu Leu Thr Ala Leu Pro Gly Ile Leu  
 1 5 10 15

Ser Ala Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Gln Trp Ile  
 20 25 30

Asn Val Leu Gln Glu Asp Ser Val Thr Leu Thr Cys Arg Gly Thr His  
 35 40 45

Ser Pro Glu Ser Asp Ser Ile Gln Trp Phe His Asn Gly Asn Leu Ile  
 50 55 60

Pro Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn Asp  
 65 70 75 80

Ser Gly Glu Tyr Thr Cys Gln Thr Gly Gln Thr Ser Leu Ser Asp Pro  
 85 90 95

Val His Leu Thr Val Leu Ser Glu Trp Leu Val Leu Gln Thr Pro His  
 100 105 110

Leu Glu Phe Gln Glu Gly Glu Thr Ile Val Leu Arg Cys His Ser Trp  
 115 120 125

Lys Asp Lys Pro Leu Val Lys Val Thr Phe Phe Gln Asn Gly Lys Ser  
 130 135 140

Lys Lys Phe Ser Arg Ser Asp Pro Asn Phe Ser Ile Pro Gln Ala Asn  
 145 150 155 160

His Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly Tyr Thr  
 165 170 175

Leu Tyr Ser Ser Lys Pro Val Thr Ile Thr Val Gln Ala Pro Ser Ser  
 180 185 190

Ser Pro Met Gly Pro Ala Ala Pro Pro Lys Ala Val Leu Lys Leu Glu  
 195 200 205

Pro Gln Trp Ile Asn Val Leu Gln Glu Asp Ser Val Thr Leu Thr Cys  
 210 215 220

## sequence listing 45346PCT\_ST25

Arg Gly Thr His Ser Pro Glu Ser Asp Ser Ile Gln Trp Phe His Asn  
 225 230 235 240  
 Gly Asn Leu Ile Pro Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala  
 245 250 255  
 Asn Asn Asn Asp Ser Gly Glu Tyr Thr Cys Gln Thr Gly Gln Thr Ser  
 260 265 270  
 Leu Ser Asp Pro Val His Leu Thr Val Leu Ser Glu Trp Leu Val Leu  
 275 280 285  
 Gln Thr Pro His Leu Glu Phe Gln Glu Gly Glu Thr Ile Val Leu Arg  
 290 295 300  
 Cys His Ser Trp Lys Asp Lys Pro Leu Val Lys Val Thr Phe Phe Gln  
 305 310 315 320  
 Asn Gly Lys Ser Lys Lys Phe Ser Arg Ser Asp Pro Asn Phe Ser Ile  
 325 330 335  
 Pro Gln Ala Asn His Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn  
 340 345 350  
 Ile Gly Tyr Thr Leu Tyr Ser Ser Lys Pro Val Thr Ile Thr Val Gln  
 355 360 365  
 Ala Pro Ser Ser Ser Pro Met Gly Pro Gly Ser Ser Ser His His His  
 370 375 380  
 His His His Pro Gly Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Lys  
 385 390 395 400  
 Ile Glu Trp His Glu  
 405

<210> 16  
 <211> 228  
 <212> PRT  
 <213> artificial

<220>  
 <223> Human rsFcgammaRIIa V158 monomer fusion peptide

<400> 16

Met Val Leu Ser Leu Leu Tyr Leu Leu Thr Ala Leu Pro Gly Ile Ser  
 1 5 10 15  
 Thr Glu Asp Leu Pro Lys Ala Val Val Phe Leu Glu Pro Gln Trp Tyr  
 20 25 30

Arg Val Leu Glu Lys Asp Ser Val Thr Leu Lys Cys Gln Gly Ala Tyr  
 Page 19

## sequence listing 45346PCT\_ST25

35

40

45

Ser Pro Glu Asp Asn Ser Thr Gln Trp Phe His Asn Glu Ser Leu Ile  
 50 55 60

Ser Ser Gln Ala Ser Ser Tyr Phe Ile Asp Ala Ala Thr Val Asp Asp  
 65 70 75 80

Ser Gly Glu Tyr Arg Cys Gln Thr Asn Leu Ser Thr Leu Ser Asp Pro  
 85 90 95

Val Gln Leu Glu Val His Ile Gly Trp Leu Leu Leu Gln Ala Pro Arg  
 100 105 110

Trp Val Phe Lys Glu Glu Asp Pro Ile His Leu Arg Cys His Ser Trp  
 115 120 125

Lys Asn Thr Ala Leu His Lys Val Thr Tyr Leu Gln Asn Gly Lys Gly  
 130 135 140

Arg Lys Tyr Phe His His Asn Ser Asp Phe Tyr Ile Pro Lys Ala Thr  
 145 150 155 160

Leu Lys Asp Ser Gly Ser Tyr Phe Cys Arg Gly Leu Val Gly Ser Lys  
 165 170 175

Asn Val Ser Ser Glu Thr Val Asn Ile Thr Ile Thr Gln Gly Pro Ser  
 180 185 190

Met Gly Ser Ser Ser Pro Gly Pro Gly Ser Ser Ser His His His His  
 195 200 205

His His Pro Gly Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Lys Ile  
 210 215 220

Glu Trp His Glu  
 225

<210> 17  
 <211> 410  
 <212> PRT  
 <213> Artificial

<220>  
 <223> Human rsFcgammaRIIIa V158 dimer fusion peptide

<400> 17

Met Val Leu Ser Leu Leu Tyr Leu Leu Thr Ala Leu Pro Gly Ile Ser  
 1 5 10 15

Thr Glu Asp Leu Pro Lys Ala Val Val Phe Leu Glu Pro Gln Trp Tyr  
 20 25 30

## sequence listing 45346PCT\_ST25

Arg Val Leu Glu Lys Asp Ser Val Thr Leu Lys Cys Gln Gly Ala Tyr  
 35 40 45  
 Ser Pro Glu Asp Asn Ser Thr Gln Trp Phe His Asn Glu Ser Leu Ile  
 50 55 60  
 Ser Ser Gln Ala Ser Ser Tyr Phe Ile Asp Ala Ala Thr Val Asp Asp  
 65 70 75 80  
 Ser Gly Glu Tyr Arg Cys Gln Thr Asn Leu Ser Thr Leu Ser Asp Pro  
 85 90 95  
 Val Gln Leu Glu Val His Ile Gly Trp Leu Leu Leu Gln Ala Pro Arg  
 100 105 110  
 Trp Val Phe Lys Glu Glu Asp Pro Ile His Leu Arg Cys His Ser Trp  
 115 120 125  
 Lys Asn Thr Ala Leu His Lys Val Thr Tyr Leu Gln Asn Gly Lys Gly  
 130 135 140  
 Arg Lys Tyr Phe His His Asn Ser Asp Phe Tyr Ile Pro Lys Ala Thr  
 145 150 155 160  
 Leu Lys Asp Ser Gly Ser Tyr Phe Cys Arg Gly Leu Val Gly Ser Lys  
 165 170 175  
 Asn Val Ser Ser Glu Thr Val Asn Ile Thr Ile Thr Gln Gly Pro Ser  
 180 185 190  
 Met Gly Ser Ser Ser Pro Ser Glu Asp Leu Pro Lys Ala Val Val Phe  
 195 200 205  
 Leu Glu Pro Gln Trp Tyr Arg Val Leu Glu Lys Asp Ser Val Thr Leu  
 210 215 220  
 Lys Cys Gln Gly Ala Tyr Ser Pro Glu Asp Asn Ser Thr Gln Trp Phe  
 225 230 235 240  
 His Asn Glu Ser Leu Ile Ser Ser Gln Ala Ser Ser Tyr Phe Ile Asp  
 245 250 255  
 Ala Ala Thr Val Asp Asp Ser Gly Glu Tyr Arg Cys Gln Thr Asn Leu  
 260 265 270  
 Ser Thr Leu Ser Asp Pro Val Gln Leu Glu Val His Ile Gly Trp Leu  
 275 280 285  
 Leu Leu Gln Ala Pro Arg Trp Val Phe Lys Glu Glu Asp Pro Ile His  
 290 295 300

## sequence listing 45346PCT\_ST25

Leu Arg Cys His Ser Trp Lys Asn Thr Ala Leu His Lys Val Thr Tyr  
 305 310 315 320

Leu Gln Asn Gly Lys Gly Arg Lys Tyr Phe His His Asn Ser Asp Phe  
 325 330 335

Tyr Ile Pro Lys Ala Thr Leu Lys Asp Ser Gly Ser Tyr Phe Cys Arg  
 340 345 350

Gly Leu Val Gly Ser Lys Asn Val Ser Ser Glu Thr Val Asn Ile Thr  
 355 360 365

Ile Thr Gln Gly Pro Ser Met Gly Ser Ser Ser Pro Gly Pro Gly Ser  
 370 375 380

Ser Ser His His His His His His Pro Gly Gly Gly Leu Asn Asp Ile  
 385 390 395 400

Phe Glu Ala Gln Lys Ile Glu Trp His Glu  
 405 410

<210> 18  
 <211> 228  
 <212> PRT  
 <213> Artificial

<220>  
 <223> Human rsFcgammaRIIIa F158 monomer fusion peptide

<400> 18

Met Val Leu Ser Leu Leu Tyr Leu Leu Thr Ala Leu Pro Gly Ile Ser  
 1 5 10 15

Thr Glu Asp Leu Pro Lys Ala Val Val Phe Leu Glu Pro Gln Trp Tyr  
 20 25 30

Arg Val Leu Glu Lys Asp Ser Val Thr Leu Lys Cys Gln Gly Ala Tyr  
 35 40 45

Ser Pro Glu Asp Asn Ser Thr Gln Trp Phe His Asn Glu Ser Leu Ile  
 50 55 60

Ser Ser Gln Ala Ser Ser Tyr Phe Ile Asp Ala Ala Thr Val Asp Asp  
 65 70 75 80

Ser Gly Glu Tyr Arg Cys Gln Thr Asn Leu Ser Thr Leu Ser Asp Pro  
 85 90 95

Val Gln Leu Glu Val His Ile Gly Trp Leu Leu Leu Gln Ala Pro Arg  
 100 105 110

Trp Val Phe Lys Glu Glu Asp Pro Ile His Leu Arg Cys His Ser Trp

## sequence listing 45346PCT\_ST25

115

120

125

Lys Asn Thr Ala Leu His Lys Val Thr Tyr Leu Gln Asn Gly Lys Gly  
 130 135 140

Arg Lys Tyr Phe His His Asn Ser Asp Phe Tyr Ile Pro Lys Ala Thr  
 145 150 155 160

Leu Lys Asp Ser Gly Ser Tyr Phe Cys Arg Gly Leu Phe Gly Ser Lys  
 165 170 175

Asn Val Ser Ser Glu Thr Val Asn Ile Thr Ile Thr Gln Gly Pro Ser  
 180 185 190

Met Gly Ser Ser Ser Pro Gly Pro Gly Ser Ser Ser His His His His  
 195 200 205

His His Pro Gly Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Lys Ile  
 210 215 220

Glu Trp His Glu  
 225

<210> 19  
 <211> 410  
 <212> PRT  
 <213> Artificial

<220>  
 <223> Human rsFcgammaRIIIa F158 dimer fusion peptide

<400> 19

Met Val Leu Ser Leu Leu Tyr Leu Leu Thr Ala Leu Pro Gly Ile Ser  
 1 5 10 15

Thr Glu Asp Leu Pro Lys Ala Val Val Phe Leu Glu Pro Gln Trp Tyr  
 20 25 30

Arg Val Leu Glu Lys Asp Ser Val Thr Leu Lys Cys Gln Gly Ala Tyr  
 35 40 45

Ser Pro Glu Asp Asn Ser Thr Gln Trp Phe His Asn Glu Ser Leu Ile  
 50 55 60

Ser Ser Gln Ala Ser Ser Tyr Phe Ile Asp Ala Ala Thr Val Asp Asp  
 65 70 75 80

Ser Gly Glu Tyr Arg Cys Gln Thr Asn Leu Ser Thr Leu Ser Asp Pro  
 85 90 95

Val Gln Leu Glu Val His Ile Gly Trp Leu Leu Leu Gln Ala Pro Arg  
 100 105 110

## sequence listing 45346PCT\_ST25

Trp Val Phe Lys Glu Glu Asp Pro Ile His Leu Arg Cys His Ser Trp  
 115 120 125  
 Lys Asn Thr Ala Leu His Lys Val Thr Tyr Leu Gln Asn Gly Lys Gly  
 130 135 140  
 Arg Lys Tyr Phe His His Asn Ser Asp Phe Tyr Ile Pro Lys Ala Thr  
 145 150 155 160  
 Leu Lys Asp Ser Gly Ser Tyr Phe Cys Arg Gly Leu Phe Gly Ser Lys  
 165 170 175  
 Asn Val Ser Ser Glu Thr Val Asn Ile Thr Ile Thr Gln Gly Pro Ser  
 180 185 190  
 Met Gly Ser Ser Ser Pro Ser Glu Asp Leu Pro Lys Ala Val Val Phe  
 195 200 205  
 Leu Glu Pro Gln Trp Tyr Arg Val Leu Glu Lys Asp Ser Val Thr Leu  
 210 215 220  
 Lys Cys Gln Gly Ala Tyr Ser Pro Glu Asp Asn Ser Thr Gln Trp Phe  
 225 230 235 240  
 His Asn Glu Ser Leu Ile Ser Ser Gln Ala Ser Ser Tyr Phe Ile Asp  
 245 250 255  
 Ala Ala Thr Val Asp Asp Ser Gly Glu Tyr Arg Cys Gln Thr Asn Leu  
 260 265 270  
 Ser Thr Leu Ser Asp Pro Val Gln Leu Glu Val His Ile Gly Trp Leu  
 275 280 285  
 Leu Leu Gln Ala Pro Arg Trp Val Phe Lys Glu Glu Asp Pro Ile His  
 290 295 300  
 Leu Arg Cys His Ser Trp Lys Asn Thr Ala Leu His Lys Val Thr Tyr  
 305 310 315 320  
 Leu Gln Asn Gly Lys Gly Arg Lys Tyr Phe His His Asn Ser Asp Phe  
 325 330 335  
 Tyr Ile Pro Lys Ala Thr Leu Lys Asp Ser Gly Ser Tyr Phe Cys Arg  
 340 345 350  
 Gly Leu Phe Gly Ser Lys Asn Val Ser Ser Glu Thr Val Asn Ile Thr  
 355 360 365  
 Ile Thr Gln Gly Pro Ser Met Gly Ser Ser Ser Pro Gly Pro Gly Ser  
 370 375 380



## sequence listing 45346PCT\_ST25

Ser Ser His His His His His His Pro Gly Gly Gly Leu Asn Asp Ile  
 385 390 395 400

Phe Glu Ala Gln Lys Ile Glu Trp His Glu  
 405 410

<210> 20

<211> 242

<212> PRT

<213> Artificial

<220>

<223> Macaque rsFcgammaRIIa H131 monomer fusion peptide

<400> 20

Met Glu Thr Gln Met Ser Gln Asn Val Cys Pro Gly Asn Leu Trp Leu  
 1 5 10 15

Leu Gln Pro Leu Thr Val Leu Leu Leu Leu Ala Ser Ala Asp Ser Gln  
 20 25 30

Thr Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Pro Trp Ile Asn  
 35 40 45

Val Leu Arg Glu Asp Ser Val Thr Leu Thr Cys Gly Gly Ala His Ser  
 50 55 60

Pro Asp Ser Asp Ser Thr Gln Trp Phe His Asn Gly Asn Leu Ile Pro  
 65 70 75 80

Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn Asp Ser  
 85 90 95

Gly Glu Tyr Arg Cys Gln Thr Gly Arg Thr Ser Leu Ser Asp Pro Ile  
 100 105 110

His Leu Thr Val Leu Ser Glu Trp Leu Ala Leu Gln Thr Pro His Leu  
 115 120 125

Glu Phe Arg Glu Gly Glu Thr Ile Met Leu Arg Cys His Ser Trp Lys  
 130 135 140

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

Lys Phe Ser His Met Asp Pro Asn Phe Ser Ile Pro Gln Ala Asn His  
 165 170 175

Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly Tyr Thr Pro  
 180 185 190

Tyr Ser Ser Lys Pro Val Thr Ile Thr Val Gln Val Pro Ser Val Gly  
 Page 25

## sequence listing 45346PCT\_ST25

195

200

205

Ser Ser Ser Pro Gly Pro Gly Ser Ser Ser His His His His His His  
 210 215 220

Pro Gly Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Lys Ile Glu Trp  
 225 230 235 240

His Glu

<210> 21

<211> 242

<212> PRT

<213> Artificial

<220>

<223> Macaque rsFcgammaRIIa P131monomer fusion peptide

<400> 21

Met Glu Thr Gln Met Ser Gln Asn Val Cys Pro Gly Asn Leu Trp Leu  
 1 5 10 15

Leu Gln Pro Leu Thr Val Leu Leu Leu Leu Ala Ser Ala Asp Ser Gln  
 20 25 30

Thr Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Pro Trp Ile Asn  
 35 40 45

Val Leu Arg Glu Asp Ser Val Thr Leu Thr Cys Gly Gly Ala His Ser  
 50 55 60

Pro Asp Ser Asp Ser Thr Gln Trp Phe His Asn Gly Asn Leu Ile Pro  
 65 70 75 80

Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn Asp Ser  
 85 90 95

Gly Glu Tyr Arg Cys Gln Thr Gly Arg Thr Ser Leu Ser Asp Pro Ile  
 100 105 110

His Leu Thr Val Leu Ser Glu Trp Leu Ala Leu Gln Thr Pro His Leu  
 115 120 125

Glu Phe Arg Glu Gly Glu Thr Ile Met Leu Arg Cys His Ser Trp Lys  
 130 135 140

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

Lys Phe Ser Pro Met Asp Pro Asn Phe Ser Ile Pro Gln Ala Asn His  
 165 170 175

## sequence listing 45346PCT\_ST25

Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly Tyr Thr Pro  
 180 185 190

Tyr Ser Ser Lys Pro Val Thr Ile Thr Val Gln Val Pro Ser Val Gly  
 195 200 205

Ser Ser Ser Pro Gly Pro Gly Ser Ser Ser His His His His His His  
 210 215 220

Pro Gly Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Lys Ile Glu Trp  
 225 230 235 240

His Glu

<210> 22  
 <211> 253  
 <212> PRT  
 <213> Artificial

<220>  
 <223> Human rsFcgammaRIIb monomer fusion peptide

<400> 22

Met Gly Ile Leu Ser Phe Leu Pro Val Leu Ala Thr Glu Ser Asp Trp  
 1 5 10 15

Ala Asp Cys Lys Ser Pro Gln Pro Trp Gly His Met Leu Leu Trp Thr  
 20 25 30

Ala Val Leu Phe Leu Ala Pro Val Ala Gly Thr Pro Ala Pro Pro Lys  
 35 40 45

Ala Val Leu Lys Leu Glu Pro Pro Trp Ile Asn Val Leu Arg Glu Asp  
 50 55 60

Ser Val Thr Leu Thr Cys Gly Gly Ala His Ser Pro Asp Ser Asp Ser  
 65 70 75 80

Thr Gln Trp Phe His Asn Gly Asn Leu Ile Pro Thr His Thr Gln Pro  
 85 90 95

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

Gln Thr Gly Arg Thr Ser Leu Ser Asp Pro Val His Leu Thr Val Leu  
 115 120 125

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

Glu Thr Ile Met Leu Arg Cys His Ser Trp Lys Asp Lys Pro Leu Ile  
 Page 27

sequence listing 45346PCT_ST25															
145					150					155					160
Lys	Val	Thr	Phe	Phe 165	Gln	Asn	Gly	Ile	Ser 170	Lys	Lys	Phe	Ser	His 175	Met
Asp	Pro	Asn	Phe 180	Ser	Ile	Pro	Gln	Ala 185	Asn	His	Ser	His	Ser 190	Gly	Asp
Tyr	His	Cys 195	Thr	Gly	Asn	Ile	Gly 200	Tyr	Thr	Pro	Tyr	Ser 205	Ser	Lys	Pro
Val	Thr 210	Ile	Thr	Val	Gln	Val 215	Pro	Ser	Met	Gly	Ser 220	Ser	Ser	Pro	Gly
Pro 225	Gly	Ser	Ser	Ser	His 230	His	His	His	His	His 235	Pro	Gly	Gly	Gly	Leu 240
Asn	Asp	Ile	Phe	Glu 245	Ala	Gln	Lys	Ile	Glu 250	Trp	His	Glu			
<210>	23														
<211>	11														
<212>	PRT														
<213>	artificial														
<220>															
<223>	Linker peptide														
<400>	23														
Val	Pro	Ser	Met	Gly	Ser	Ser	Ser	Pro	Val	Ala					
1				5					10						