Fig. 1

```
                *** ***
1    HHLLASDEEI QDVSGTWYLK AMTVDREFPE MNLESVTPMT
       * * *                                * * **
41   LTTLEGGNLE AKVTMLISGR CQEVKAVLEK TDEPGKYTAD
                 *  * * *
81   GGKHVAYIIR SHVKDHYIFY CEGELHGKPV RGVKLVGRDP

121  KNNLEALEDF EKAAGARGLS TESILIPRQS ETCSPGSD 158
```

Fig. 2

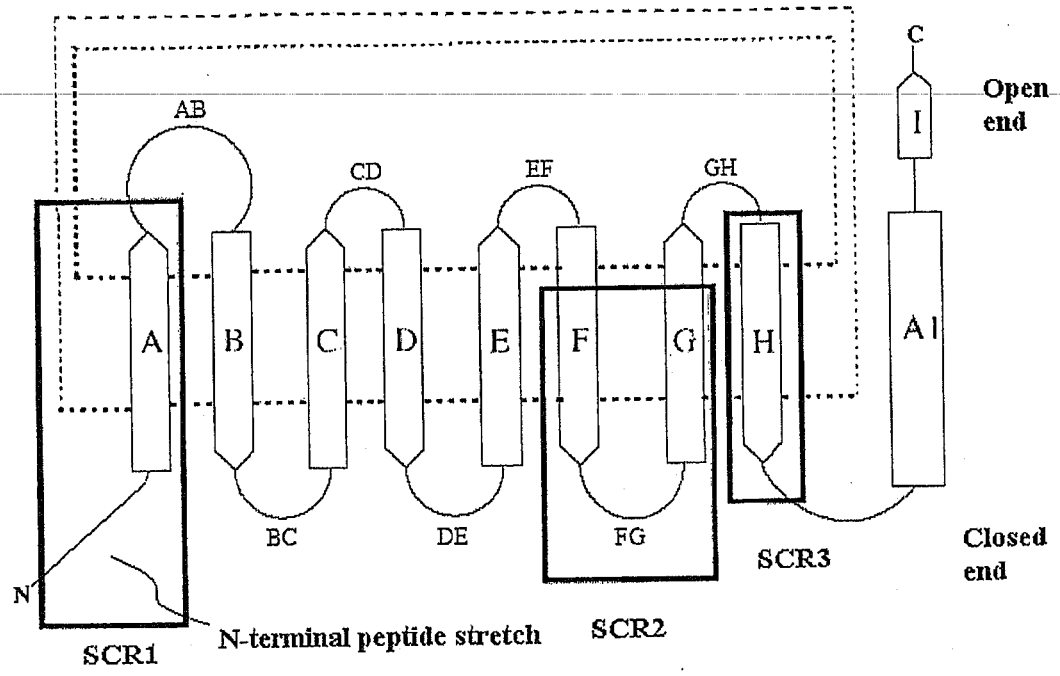
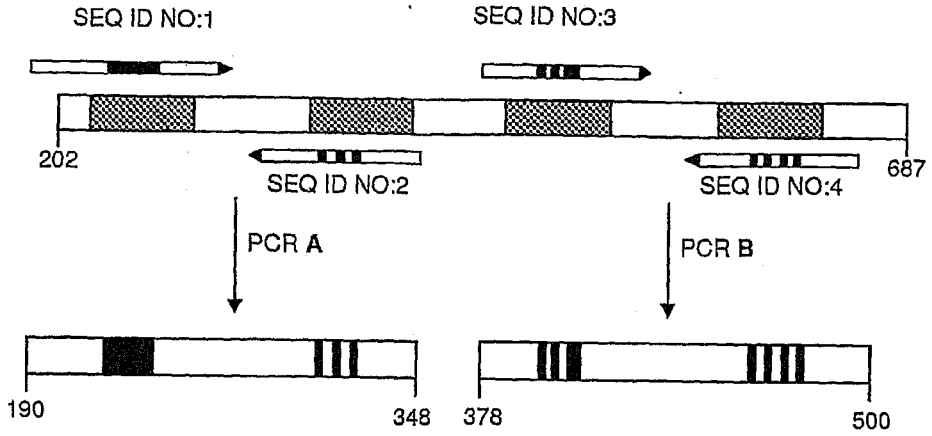


Figure 3

1. PCR



2. PCR

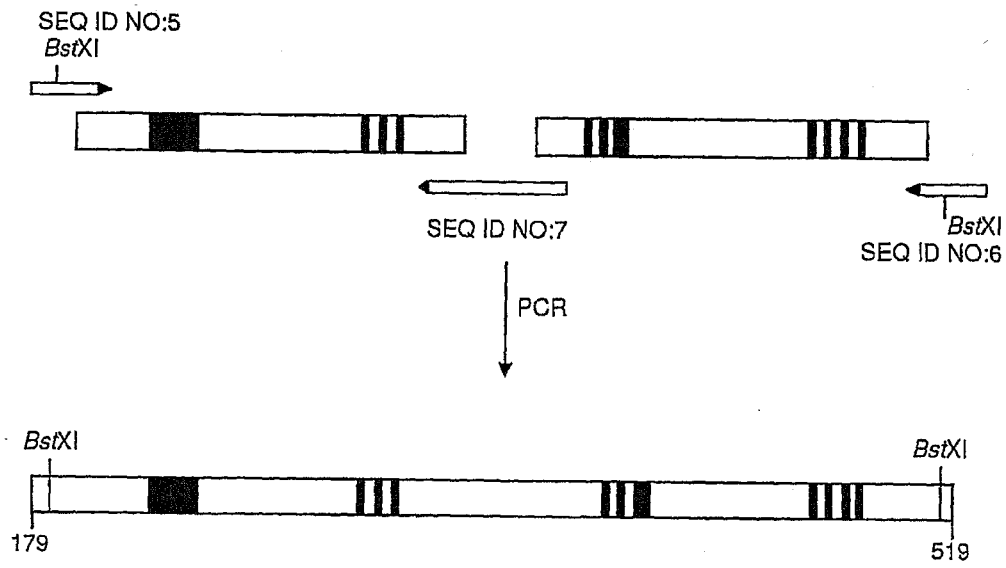


Figure 4

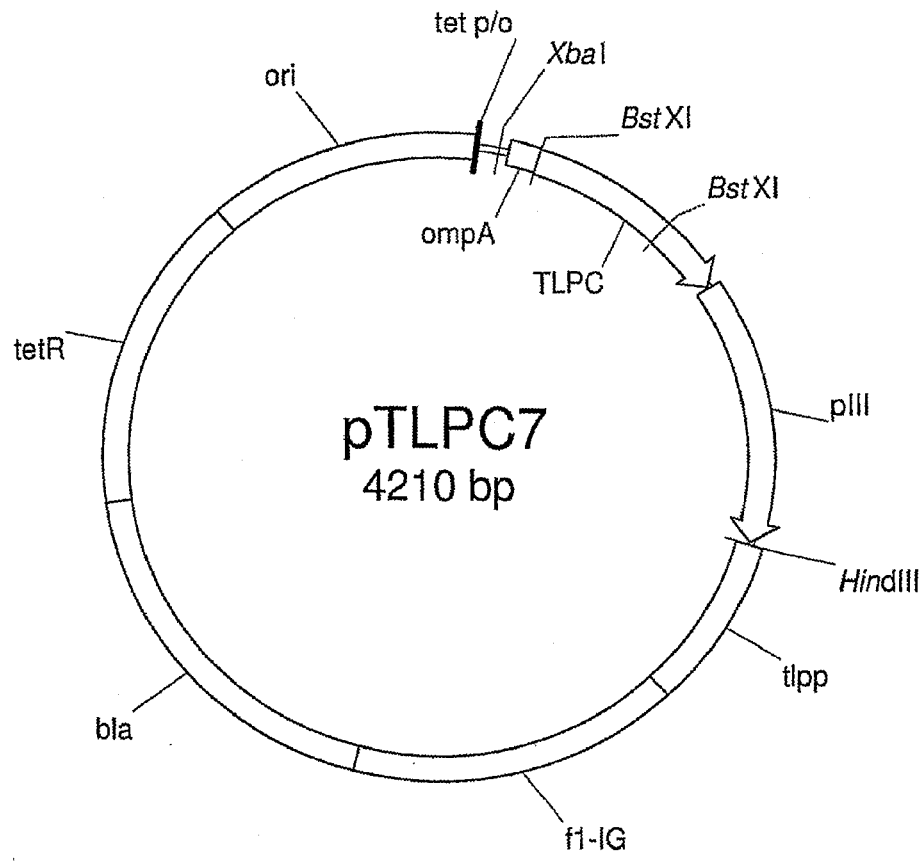

tet p/o
XbaI
ori
BstXI
BstXI
ompA
TLPC
tetR
pTLPC7
4210 bp
pIII
HindIII
tlpp
bla
f1-IG

Figure 5

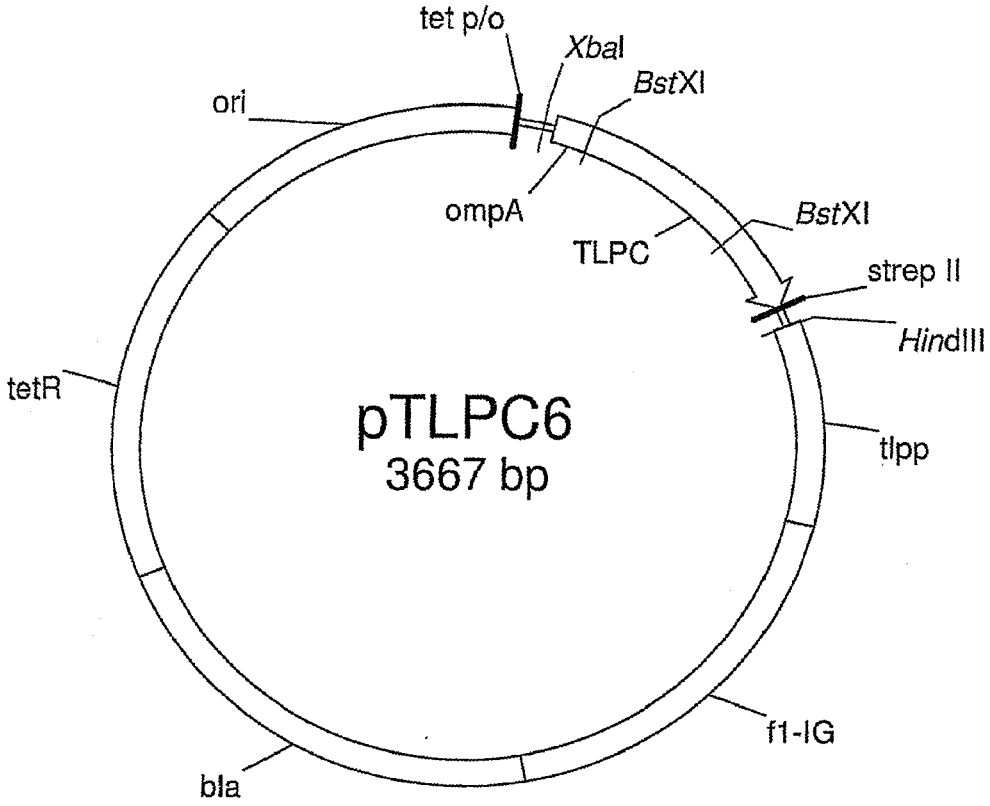

tet p/o
XbaI
BstXI
ori
ompA
BstXI
TLPC
strep II
HindIII
tetR
pTLPC6
3667 bp
tlpp
f1-IG
bla

Figure 6

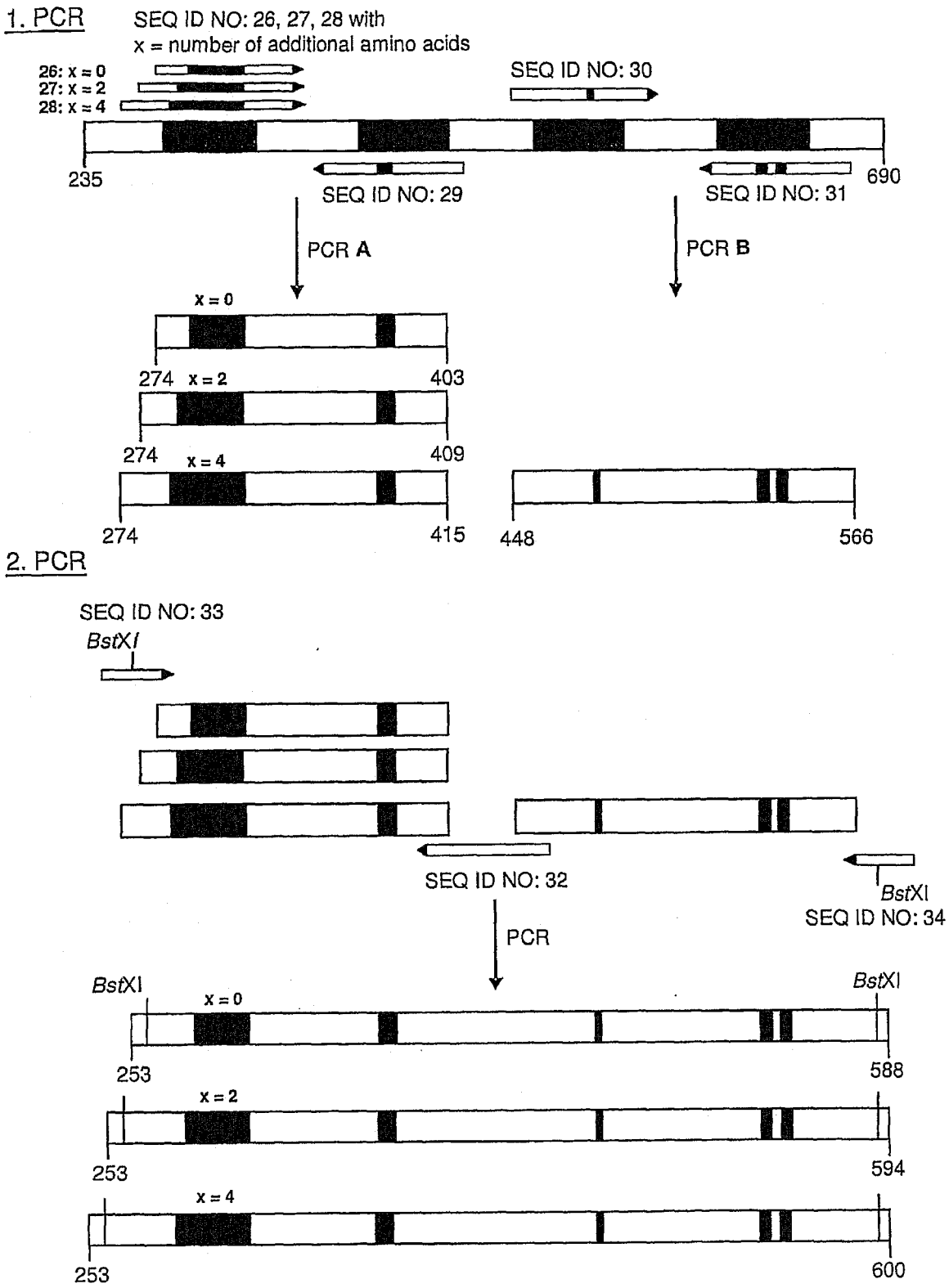

1. PCR
SEQ ID NO: 26, 27, 28 with
x = number of additional amino acids
26: x = 0
27: x = 2
28: x = 4
SEQ ID NO: 30
235
690
SEQ ID NO: 29
SEQ ID NO: 31
PCR A
PCR B
x = 0
274
403
x = 2
274
409
x = 4
274
415
448
566
2. PCR
SEQ ID NO: 33
BstXI
SEQ ID NO: 32
BstXI
SEQ ID NO: 34
PCR
BstXI
BstXI
x = 0
253
588
x = 2
253
594
x = 4
253
600

Figure 7

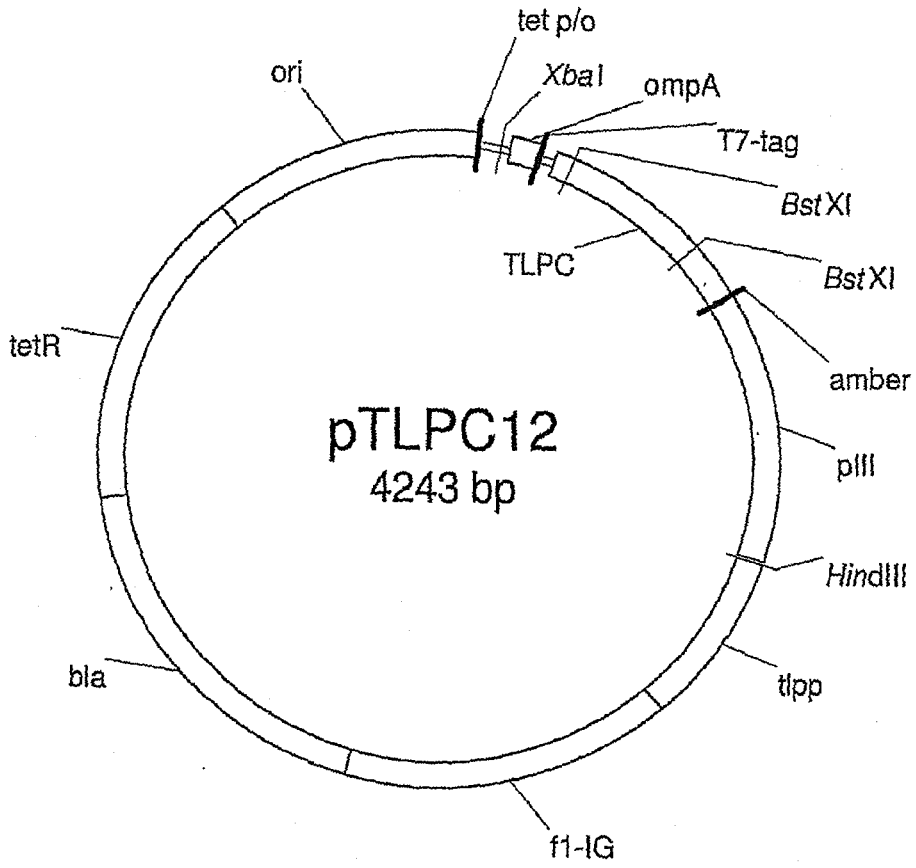

tet p/o
ori
XbaI
ompA
T7-tag
BstXI
TLPC
BstXI
tetR
amber
pTLPC12
4243 bp
pIII
HindIII
bla
tlpp
f1-IG

Figure 8

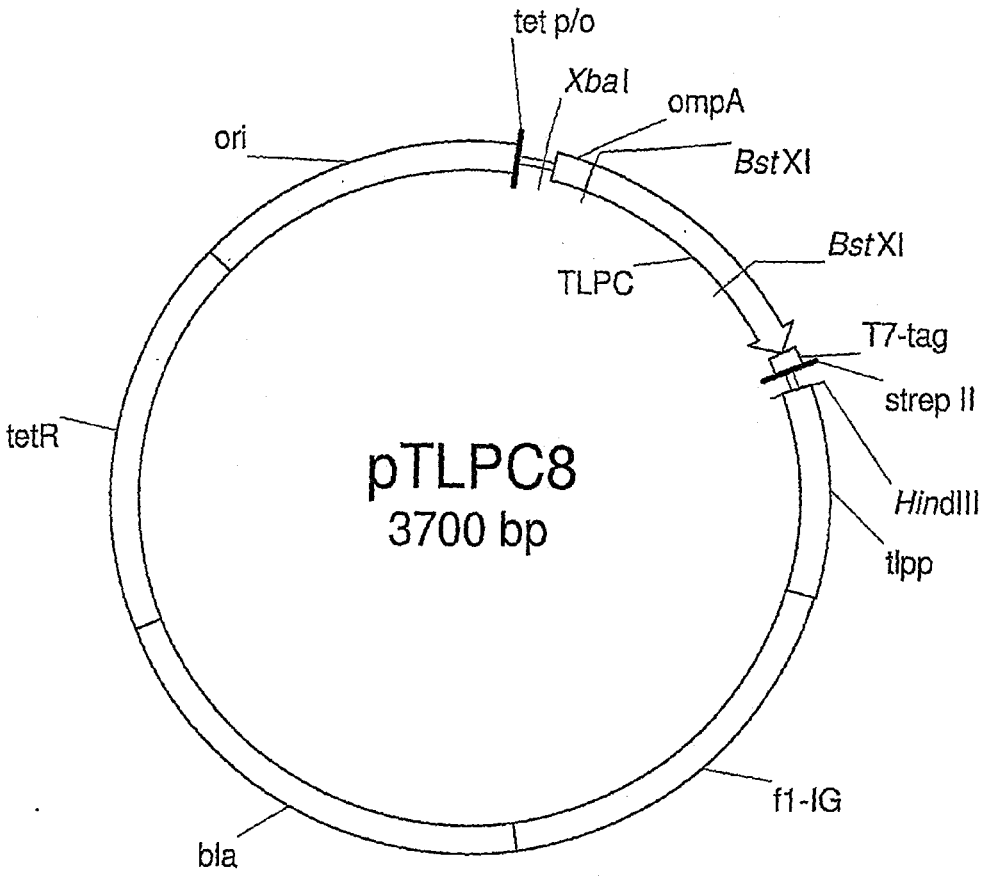

tet p/o
XbaI
ompA
ori
BstXI
BstXI
TLPC
T7-tag
strep II
tetR
pTLPC8
3700 bp
HindIII
tlpp
f1-IG
bla

Figure 9

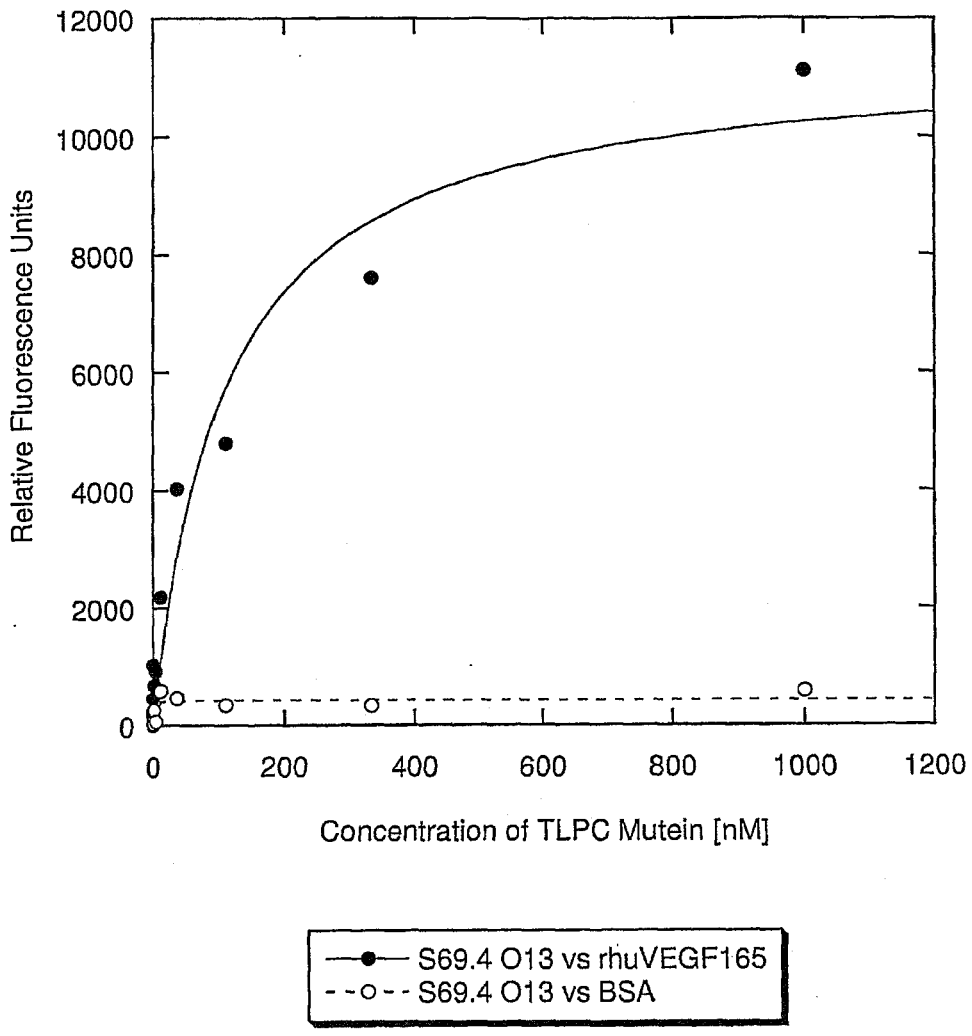

12000
10000
8000
6000
4000
2000
0
Relative Fluorescence Units
0
200
400
600
800
1000
1200
Concentration of TLPC Mutein [nM]
S69.4 O13 vs rhuVEGF165
S69.4 O13 vs BSA

Figure 10

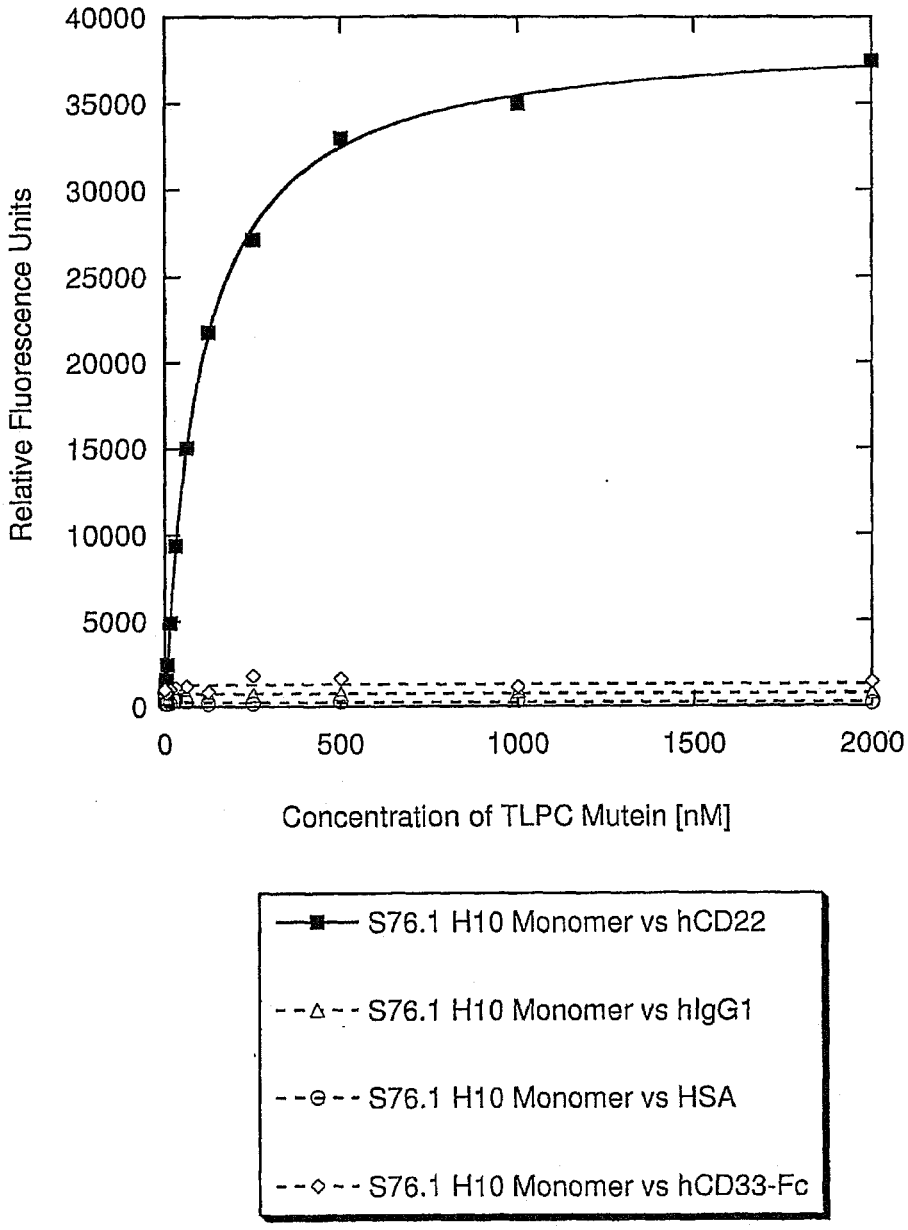

40000
35000
30000
25000
20000
15000
10000
5000
0
Relative Fluorescence Units
0
500
1000
1500
2000
Concentration of TLPC Mutein [nM]
S76.1 H10 Monomer vs hCD22
S76.1 H10 Monomer vs hIgG1
S76.1 H10 Monomer vs HSA
S76.1 H10 Monomer vs hCD33-Fc

Figure 11

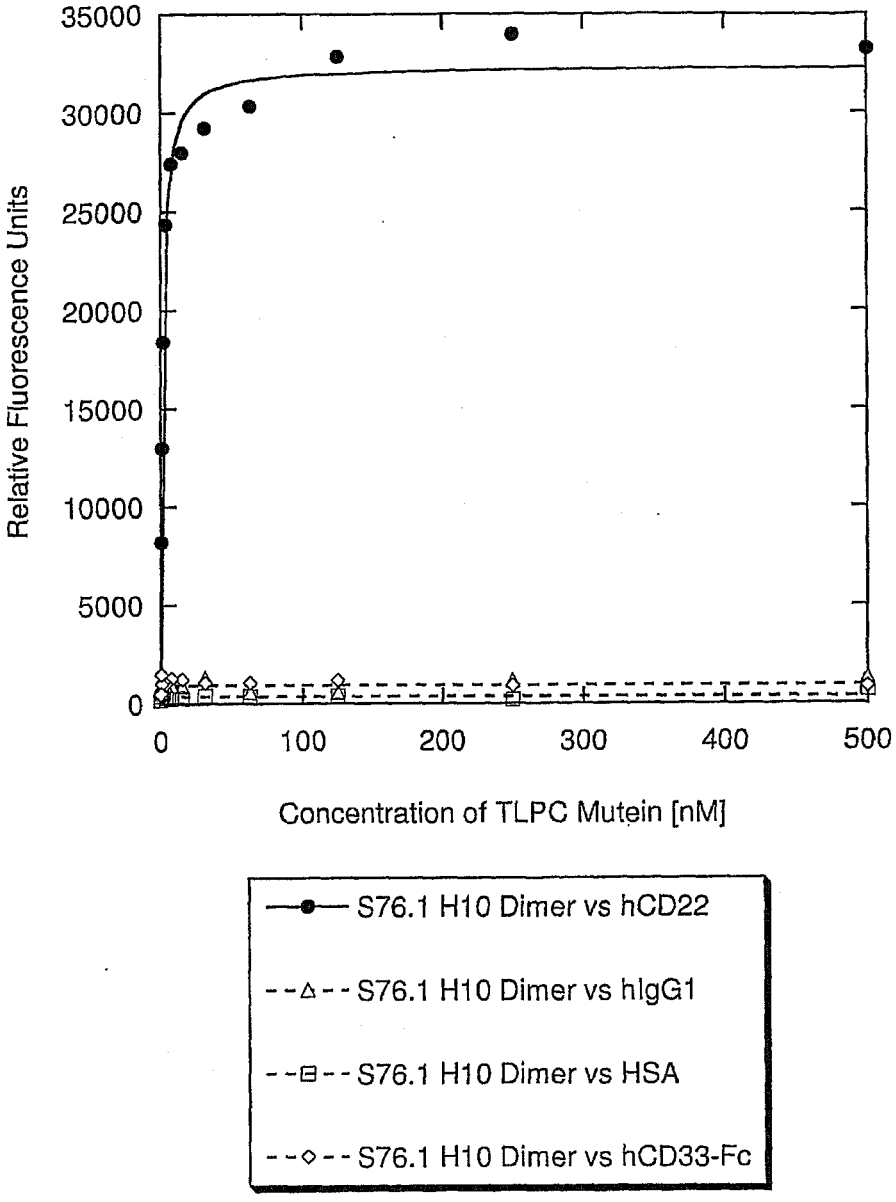

35000
30000
25000
20000
15000
10000
5000
0
Relative Fluorescence Units
0
100
200
300
400
500
Concentration of TLPC Mutein [nM]
S76.1 H10 Dimer vs hCD22
S76.1 H10 Dimer vs hIgG1
S76.1 H10 Dimer vs HSA
S76.1 H10 Dimer vs hCD33-Fc

Figure 12

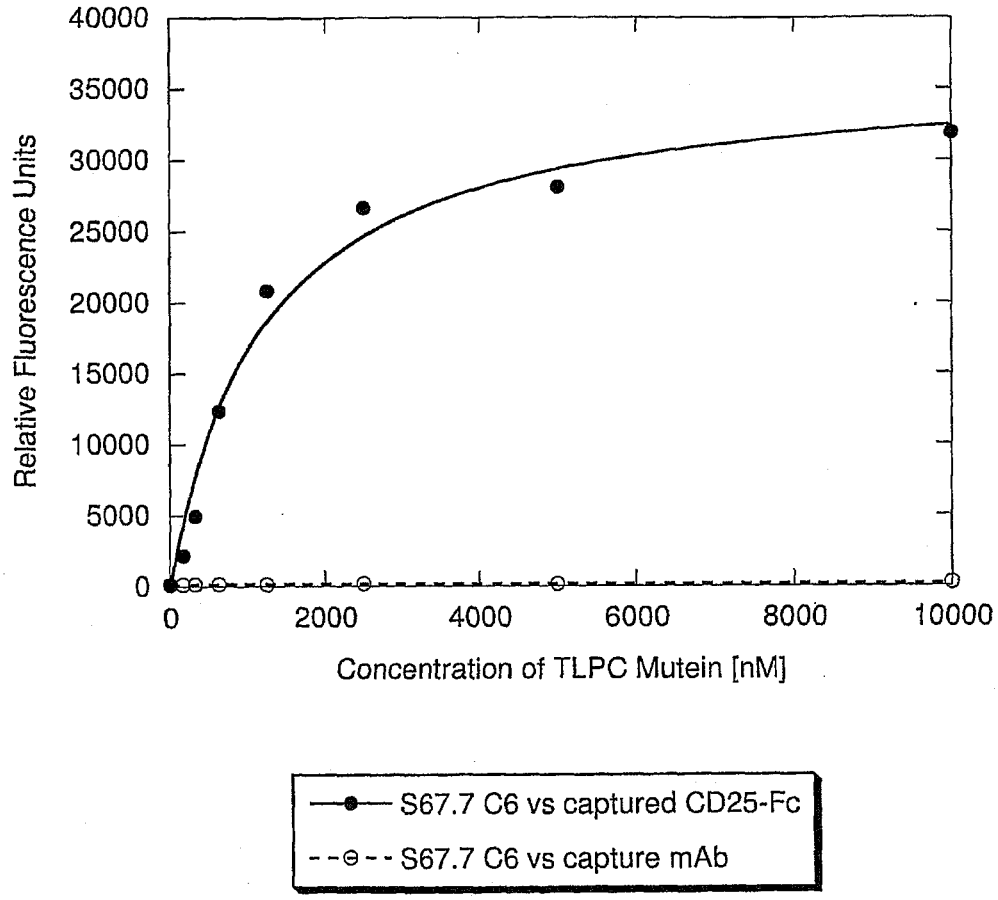

40000
35000
30000
25000
20000
15000
10000
5000
0
Relative Fluorescence Units
0
2000
4000
6000
8000
10000
Concentration of TLPC Mutein [nM]
S67.7 C6 vs captured CD25-Fc
S67.7 C6 vs capture mAb

Figure 13

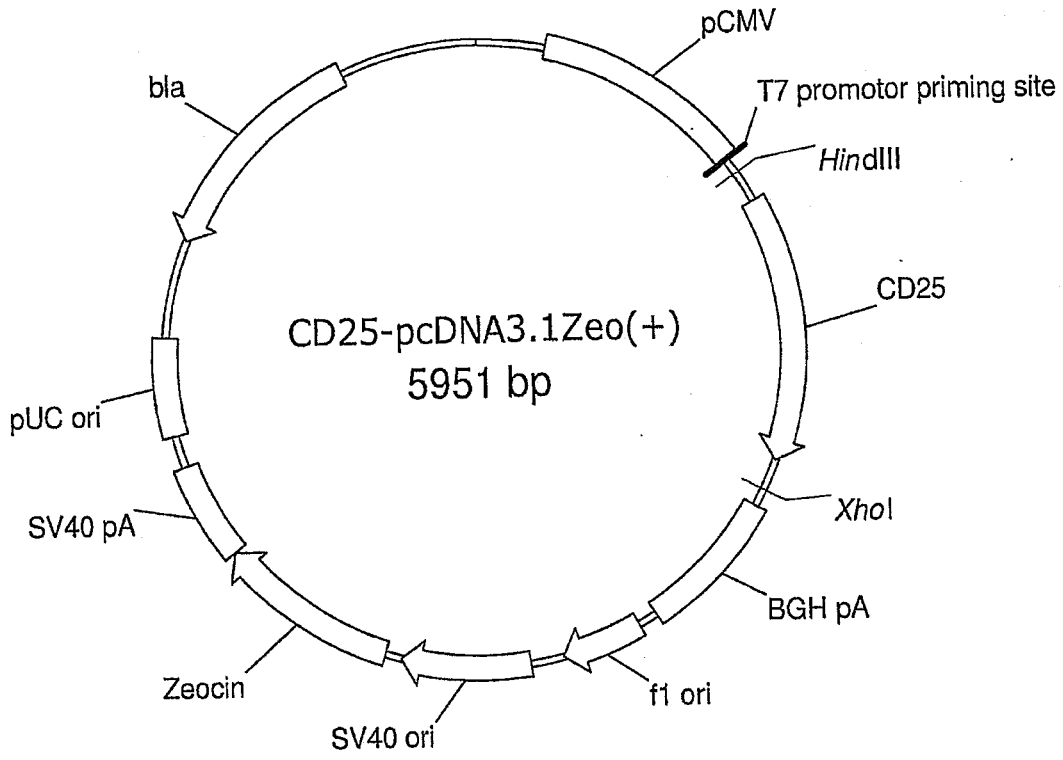

pCMV
T7 promotor priming site
HindIII
CD25
XhoI
BGH pA
f1 ori
SV40 ori
Zeocin
SV40 pA
pUC ori
bla
CD25-pcDNA3.1Zeo(+)
5951 bp

Figure 14

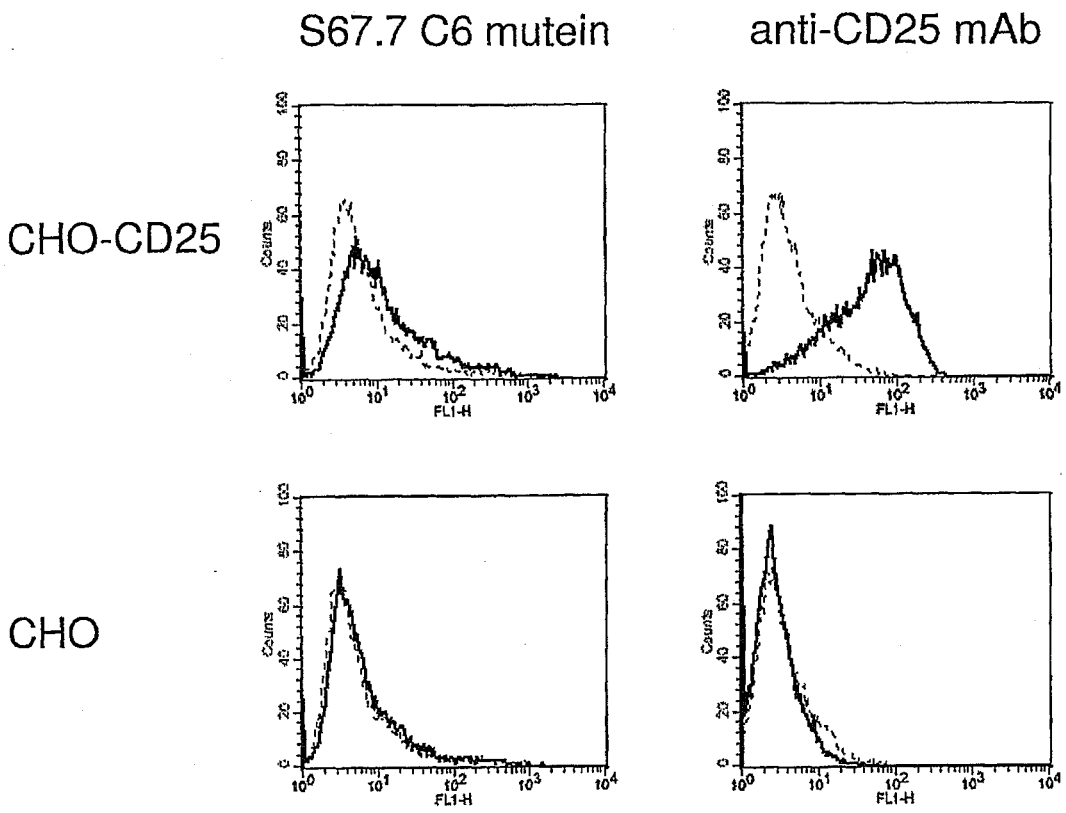


Figure 15

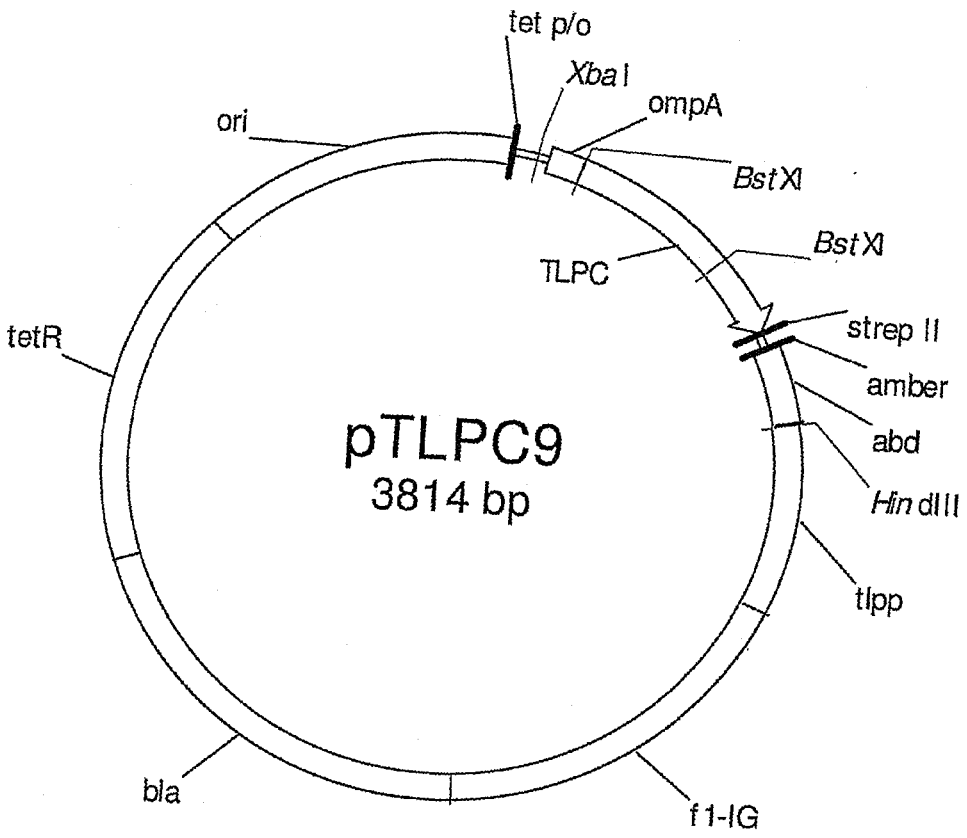

tet p/o
Xba I
ompA
ori
BstXI
BstXI
TLPC
strep II
tetR
amber
pTLPC9
3814 bp
abd
Hin dIII
tlpp
bla
f1-IG

Figure 16

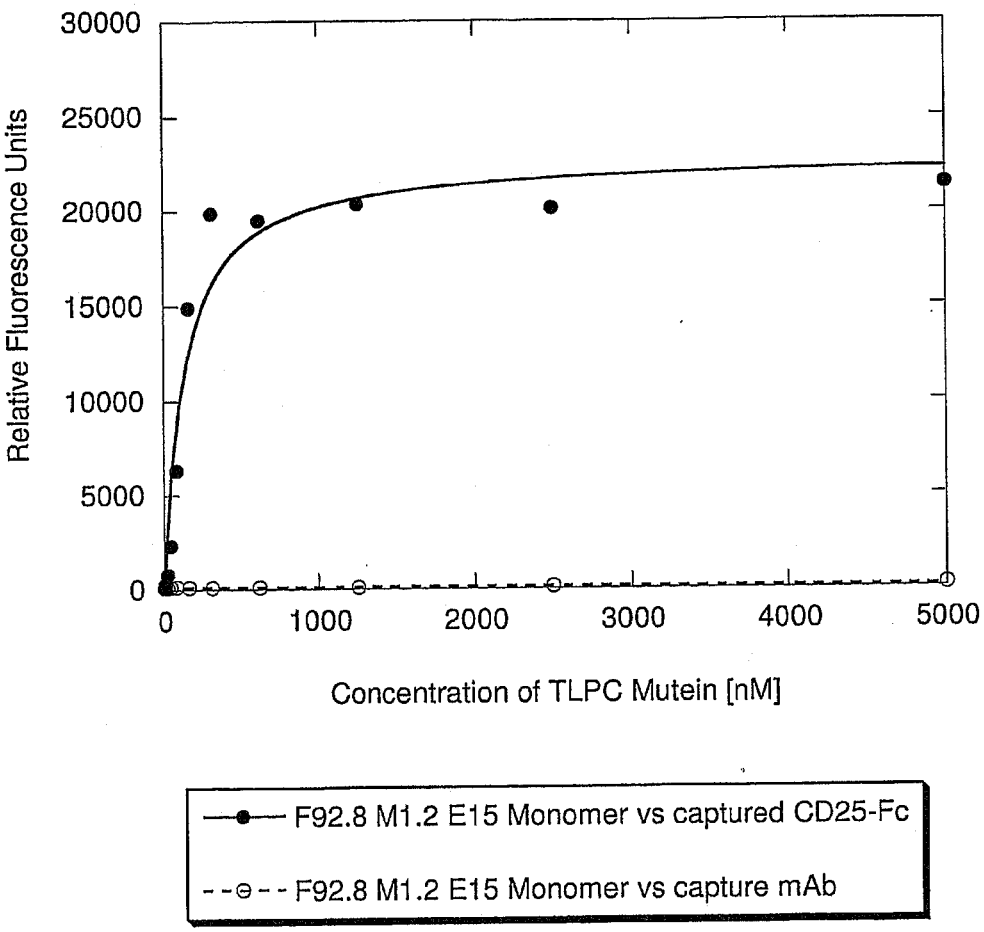

30000
25000
20000
15000
10000
5000
0
Relative Fluorescence Units
0
1000
2000
3000
4000
5000
Concentration of TLPC Mutein [nM]
F92.8 M1.2 E15 Monomer vs captured CD25-Fc
F92.8 M1.2 E15 Monomer vs capture mAb

Figure 17

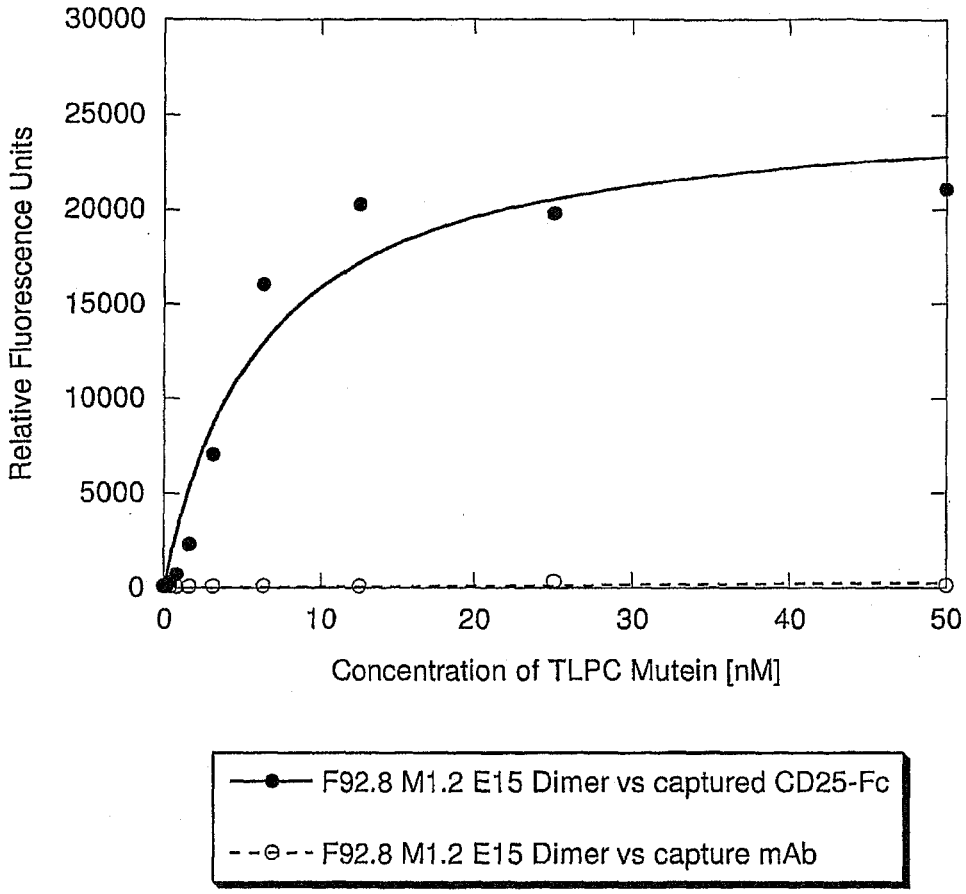

30000
25000
20000
15000
10000
5000
0
Relative Fluorescence Units
0
10
20
30
40
50
Concentration of TLPC Mutein [nM]
F92.8 M1.2 E15 Dimer vs captured CD25-Fc
F92.8 M1.2 E15 Dimer vs capture mAb

Figure 18

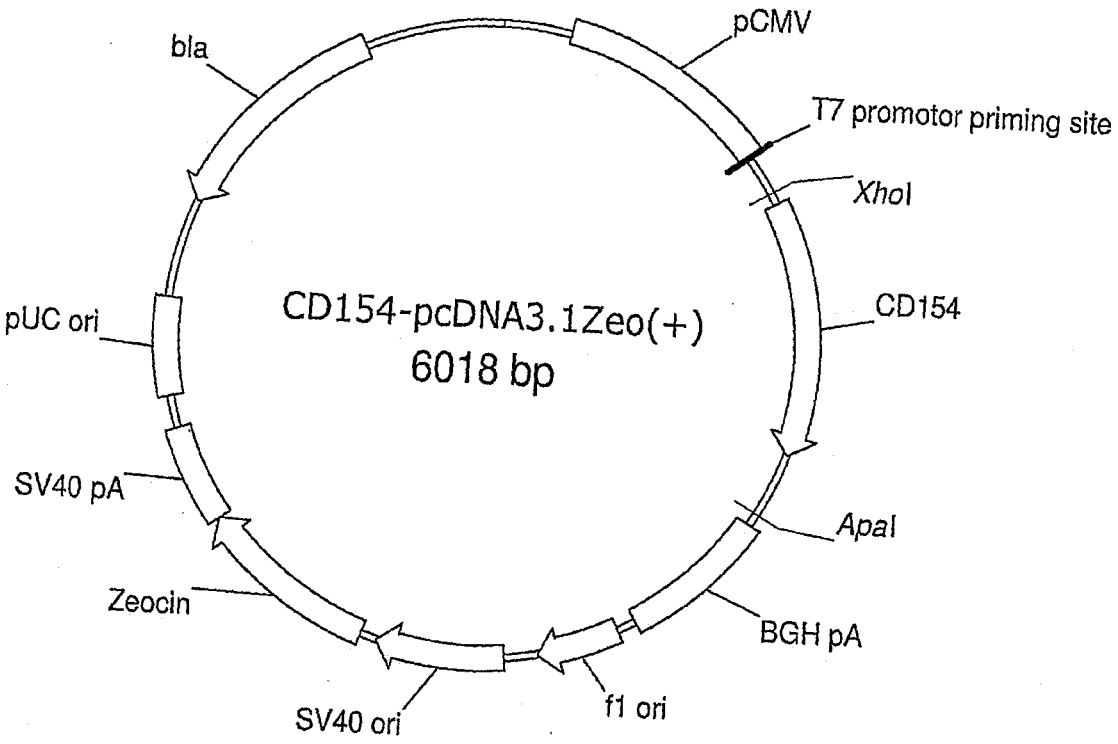

pCMV
bla
T7 promotor priming site
XhoI
CD154-pcDNA3.1Zeo(+)
6018 bp
CD154
pUC ori
SV40 pA
ApaI
Zeocin
BGH pA
SV40 ori
f1 ori

Figure 19

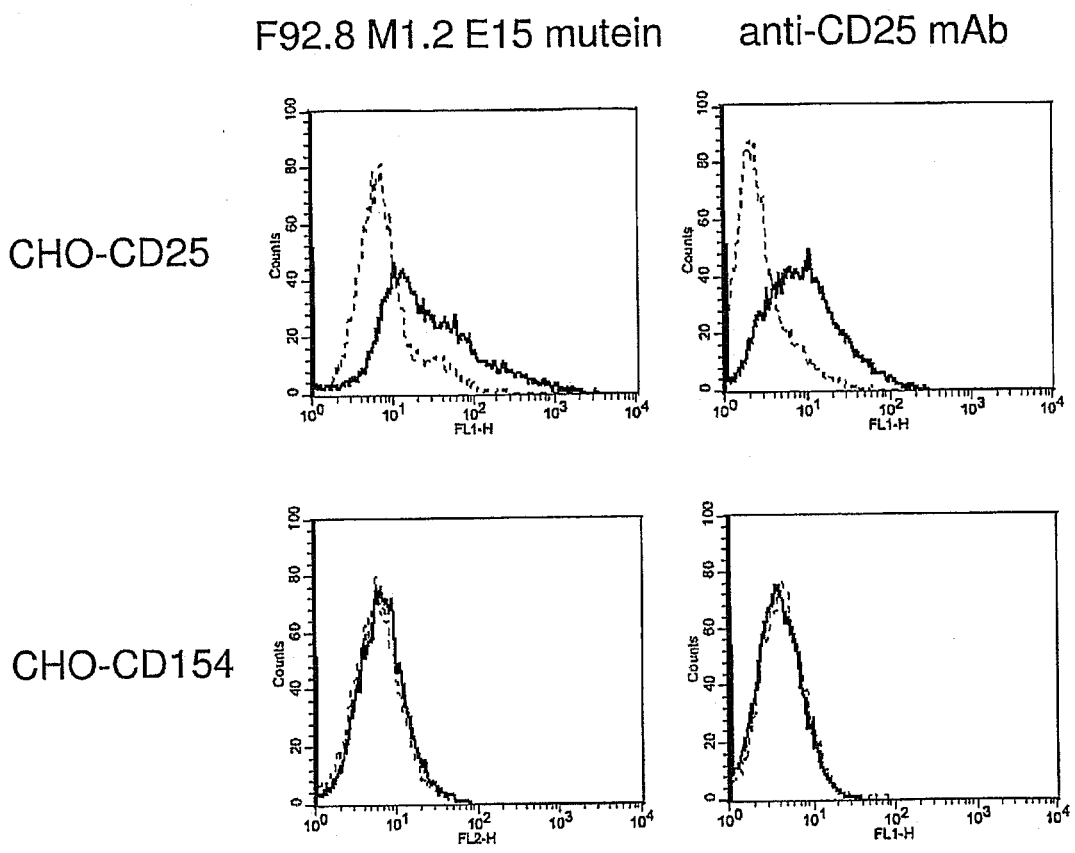

F92.8 M1.2 E15 mutein
anti-CD25 mAb
CHO-CD25
CHO-CD154
Counts
FL1-H
FL2-H

Figure 20

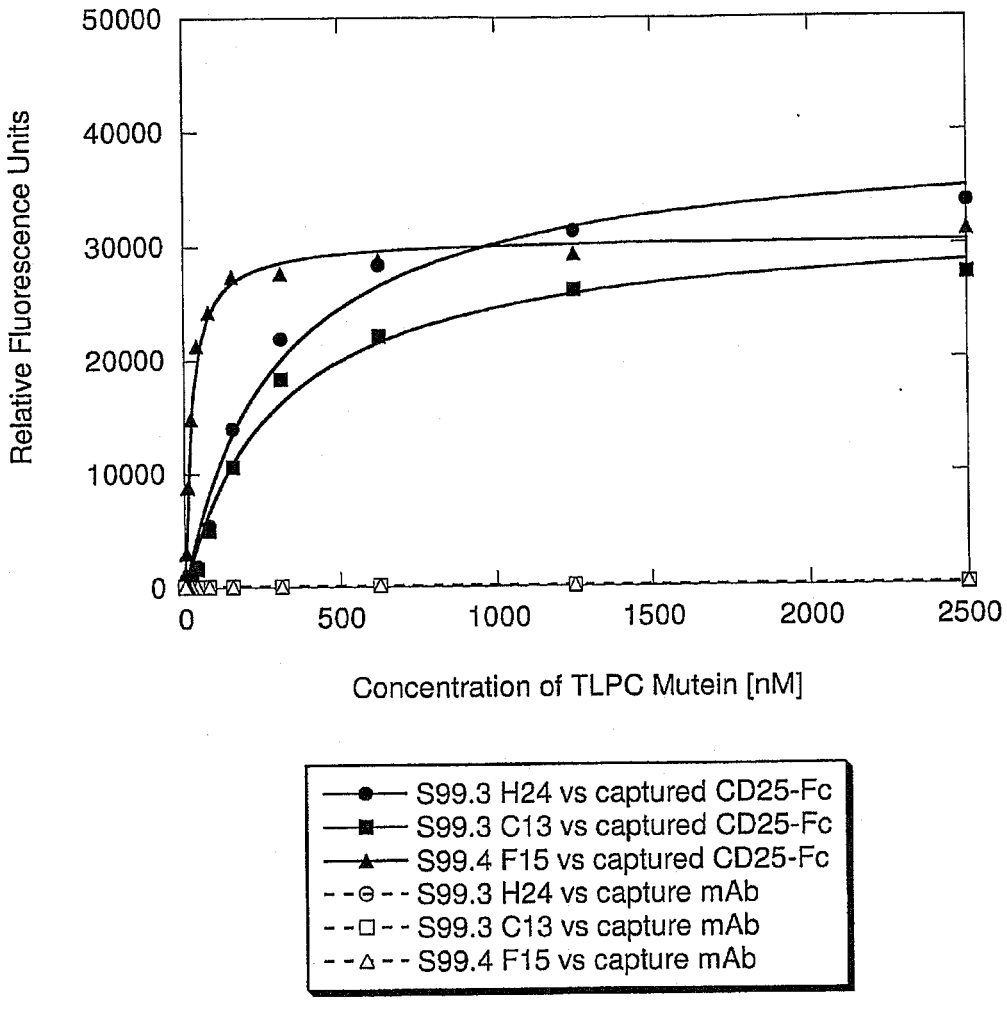

50000
40000
30000
20000
10000
0
Relative Fluorescence Units
0
500
1000
1500
2000
2500
Concentration of TLPC Mutein [nM]
S99.3 H24 vs captured CD25-Fc
S99.3 C13 vs captured CD25-Fc
S99.4 F15 vs captured CD25-Fc
S99.3 H24 vs capture mAb
S99.3 C13 vs capture mAb
S99.4 F15 vs capture mAb

Figure 21

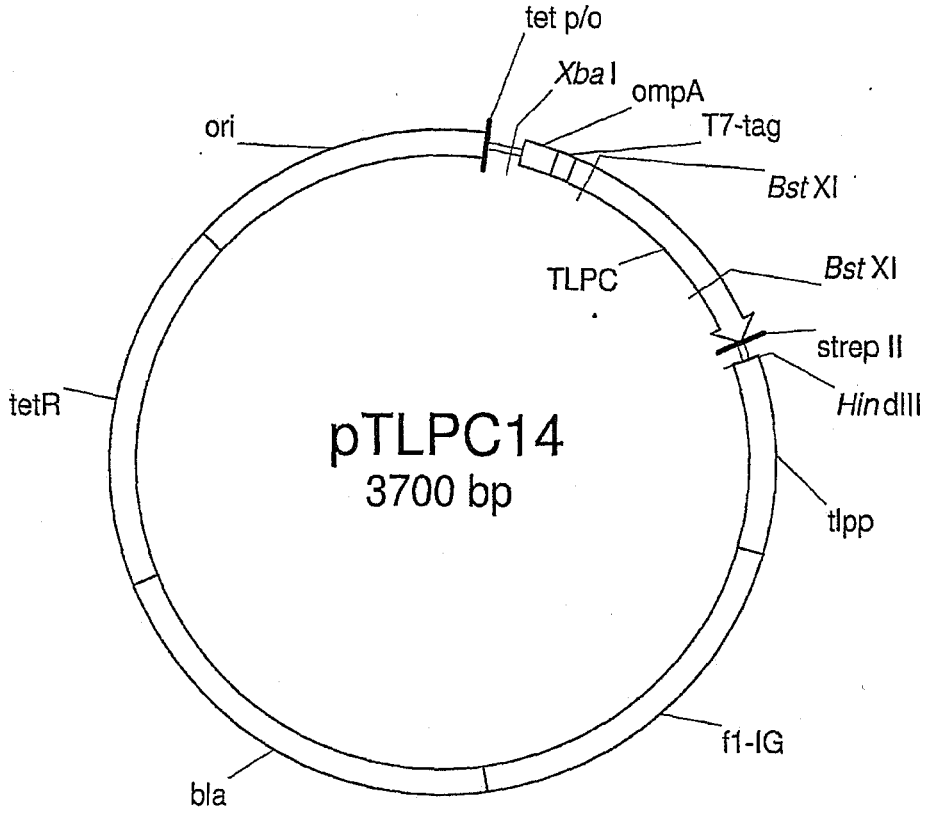

tet p/o
Xba I
ompA
T7-tag
Bst XI
ori
TLPC
Bst XI
strep II
Hin dIII
tetR
pTLPC14
3700 bp
tlpp
f1-IG
bla

Figure 22

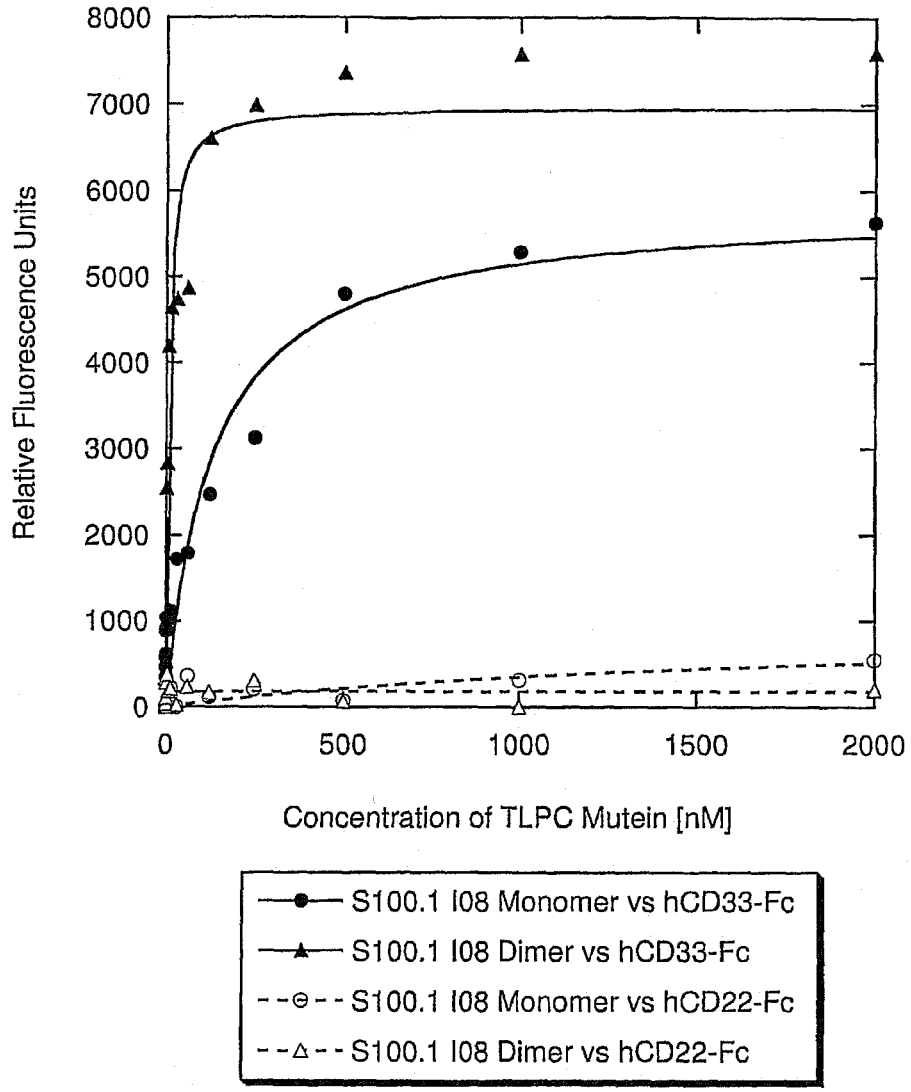

8000
7000
6000
5000
4000
3000
2000
1000
0
Relative Fluorescence Units
0
500
1000
1500
2000
Concentration of TLPC Mutein [nM]
S100.1 I08 Monomer vs hCD33-Fc
S100.1 I08 Dimer vs hCD33-Fc
S100.1 I08 Monomer vs hCD22-Fc
S100.1 I08 Dimer vs hCD22-Fc

Figure 23

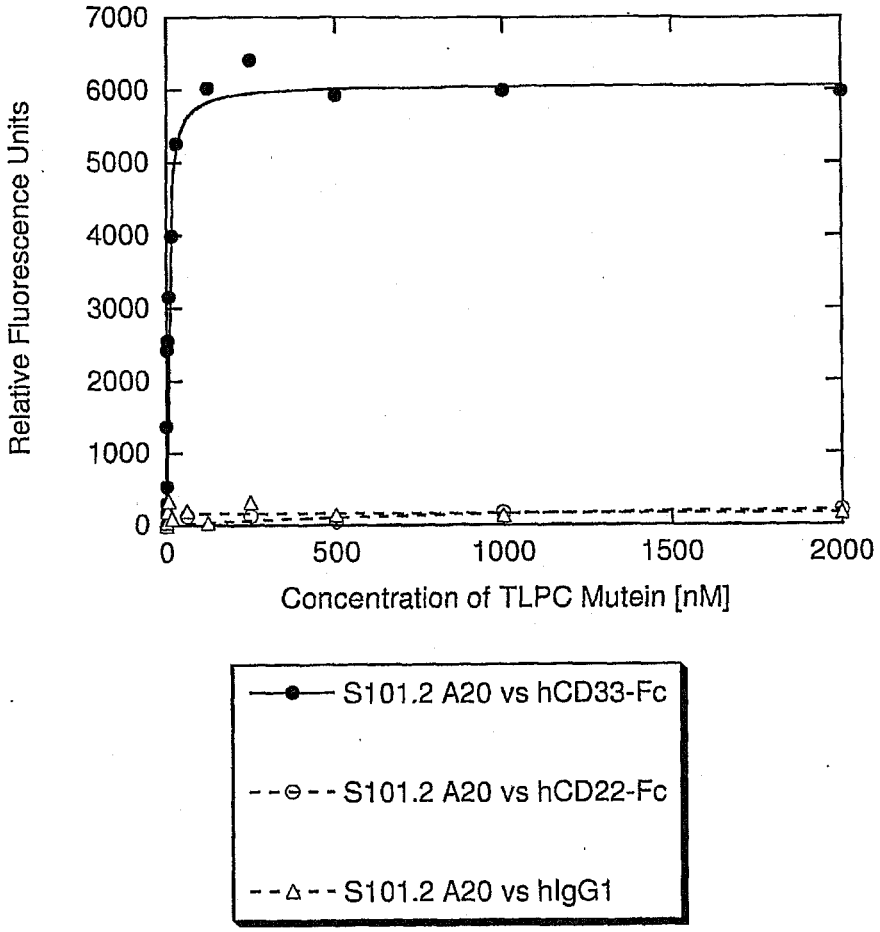

7000
6000
5000
4000
3000
2000
1000
0
Relative Fluorescence Units
0
500
1000
1500
2000
Concentration of TLPC Mutein [nM]
S101.2 A20 vs hCD33-Fc
S101.2 A20 vs hCD22-Fc
S101.2 A20 vs hIgG1

Figure 24

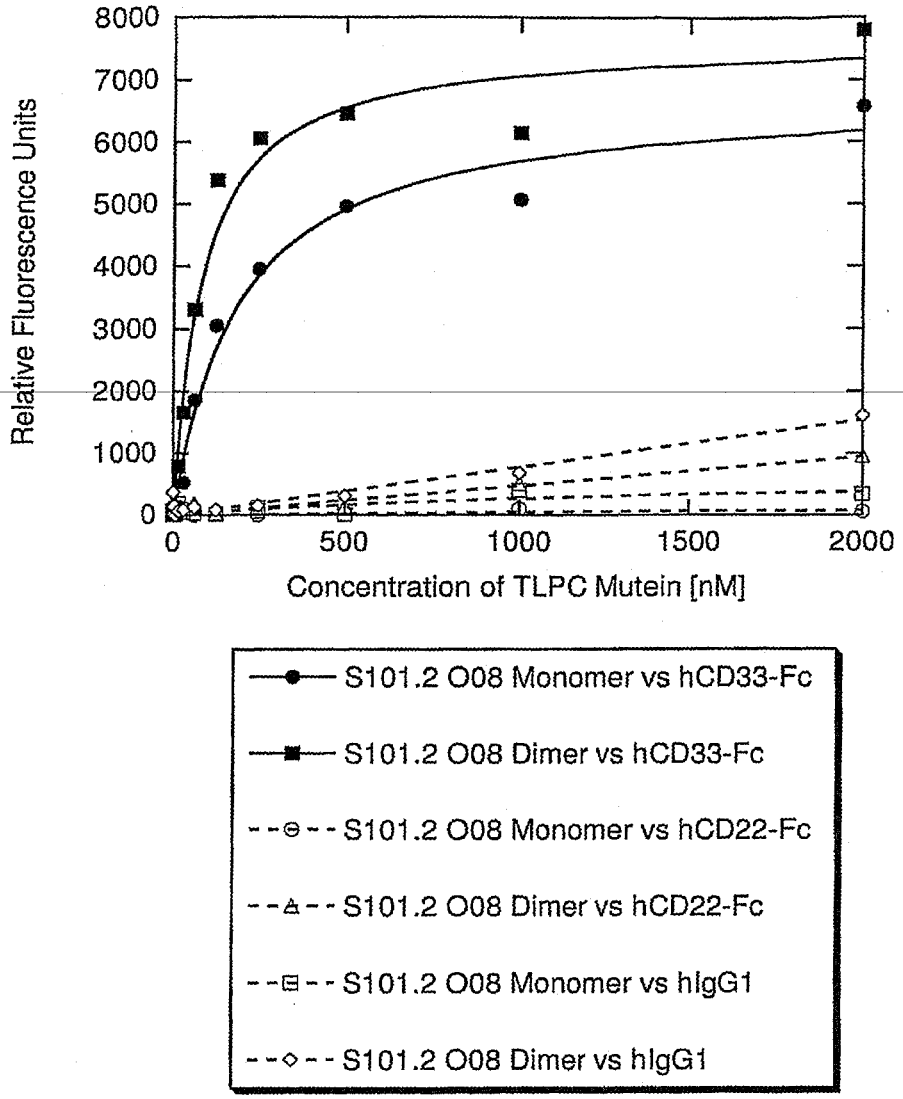

Relative Fluorescence Units
8000
7000
6000
5000
4000
3000
2000
1000
0
0
500
1000
1500
2000
Concentration of TLPC Mutein [nM]
S101.2 O08 Monomer vs hCD33-Fc
S101.2 O08 Dimer vs hCD33-Fc
S101.2 O08 Monomer vs hCD22-Fc
S101.2 O08 Dimer vs hCD22-Fc
S101.2 O08 Monomer vs hIgG1
S101.2 O08 Dimer vs hIgG1

Figure 25

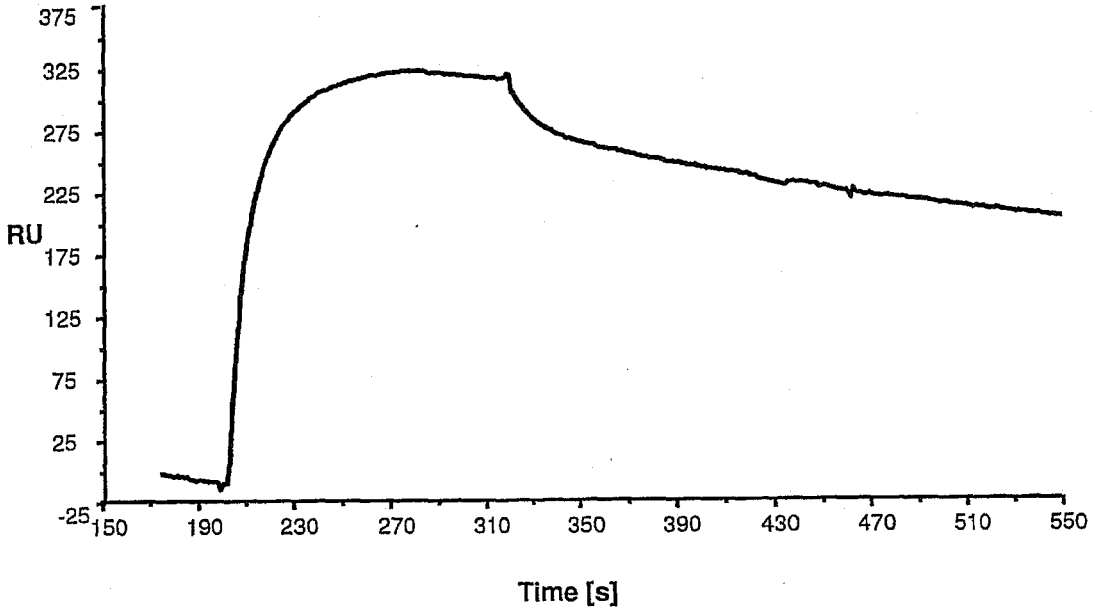

375
325
275
225
RU
175
125
75
25
-25
150
190
230
270
310
350
390
430
470
510
550
Time [s]

Figure 26

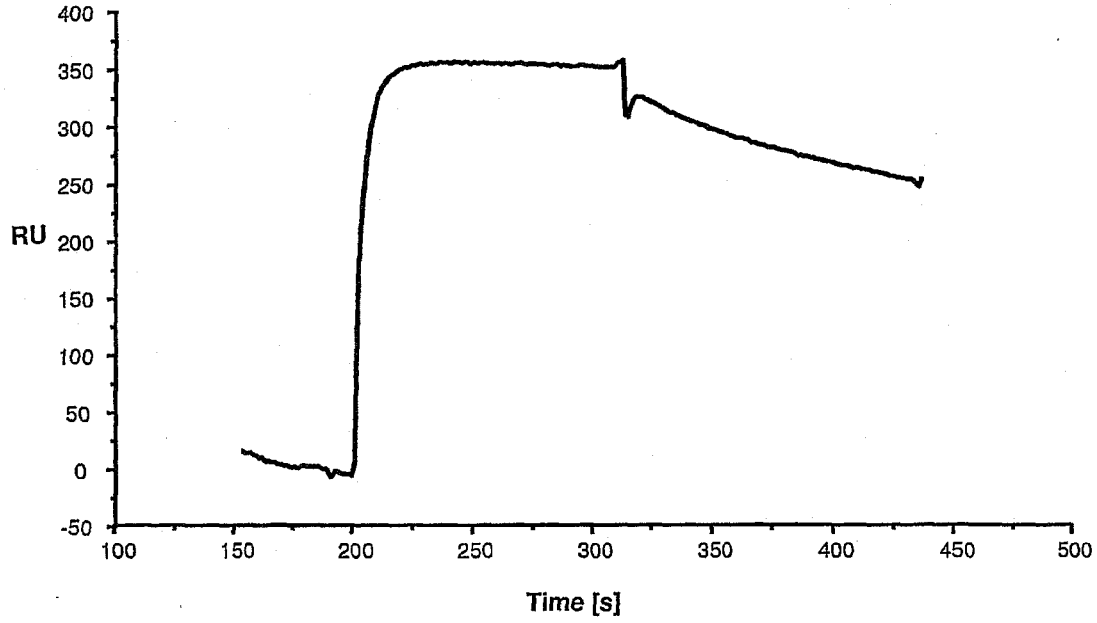
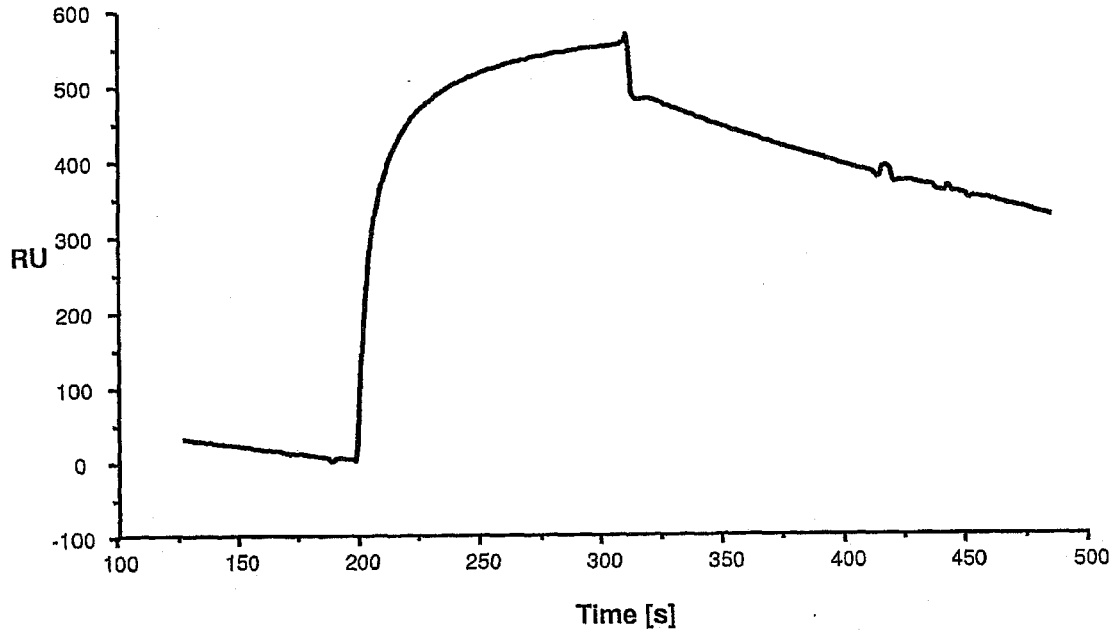

400
350
300
250
RU 200
150
100
50
0
-50
100
150
200
250
300
350
400
450
500
Time [s]

Figure 27


600
500
400
300
200
100
0
-100
RU
100
150
200
250
300
350
400
450
500
Time [s]