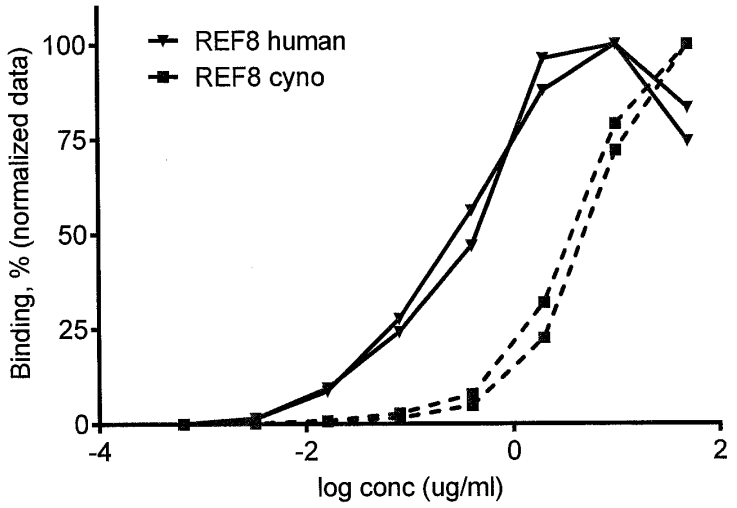
FIGURE 1


REF8 human
REF8 cyno
Binding, % (normalized data)
100
75
50
25
0
-4
-2
0
2
log conc (ug/ml)

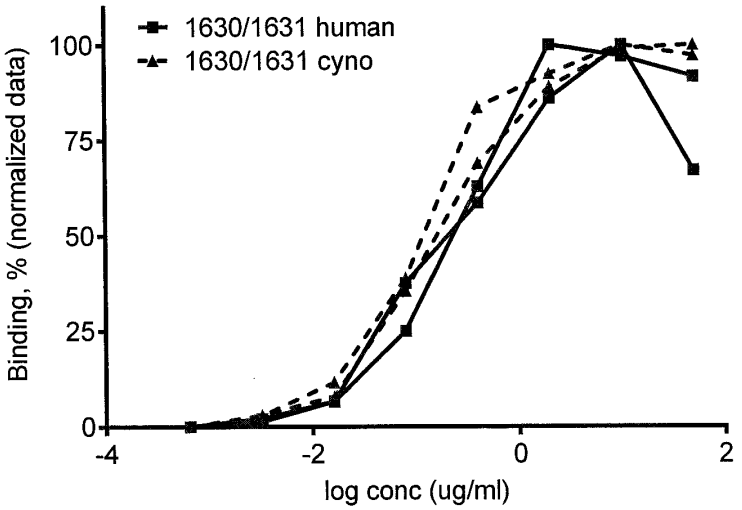

1630/1631 human
1630/1631 cyno
Binding, % (normalized data)
100
75
50
25
0
-4
-2
0
2
log conc (ug/ml)

FIGURE 2

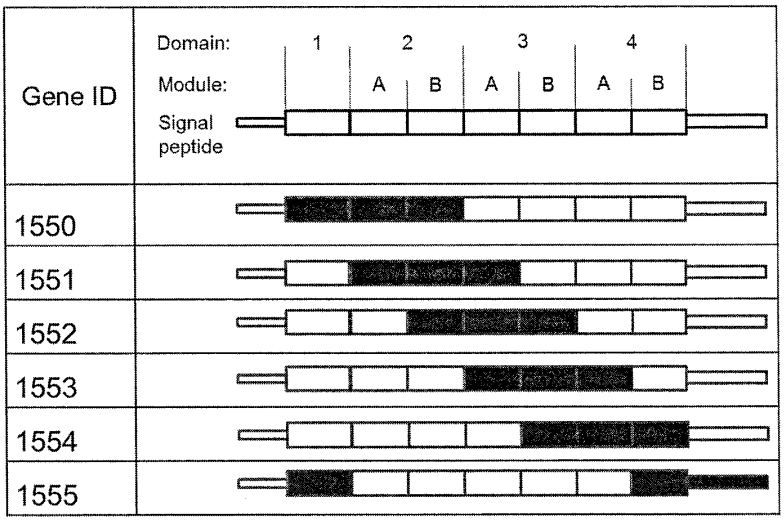

Gene ID
Domain:
1
2
3
4
Module:
A
B
A
B
A
B
Signal peptide
1550
1551
1552
1553
1554
1555

FIGURE 3

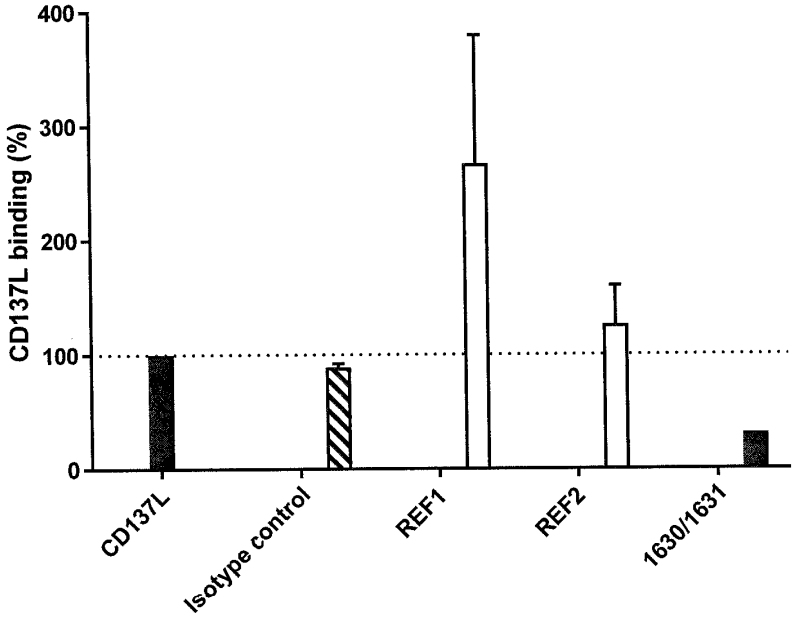

400
300
200
100
0
CD137L binding (%)
CD137L
Isotype control
REF1
REF2
1630/1631

FIGURE 4

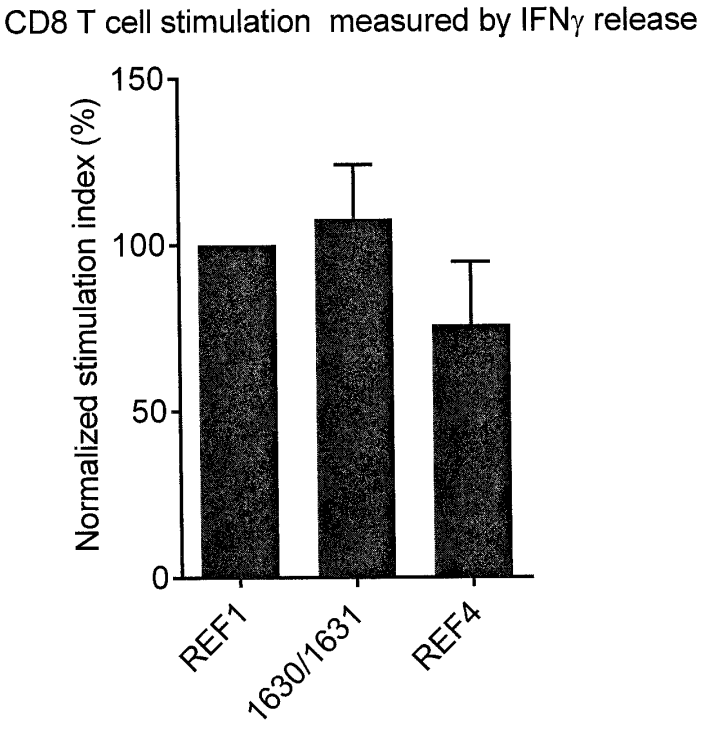

CD8 T cell stimulation measured by IFNγ release
Normalized stimulation index (%)
150
100
50
0
REF1
1630/1631
REF4

FIGURE 5

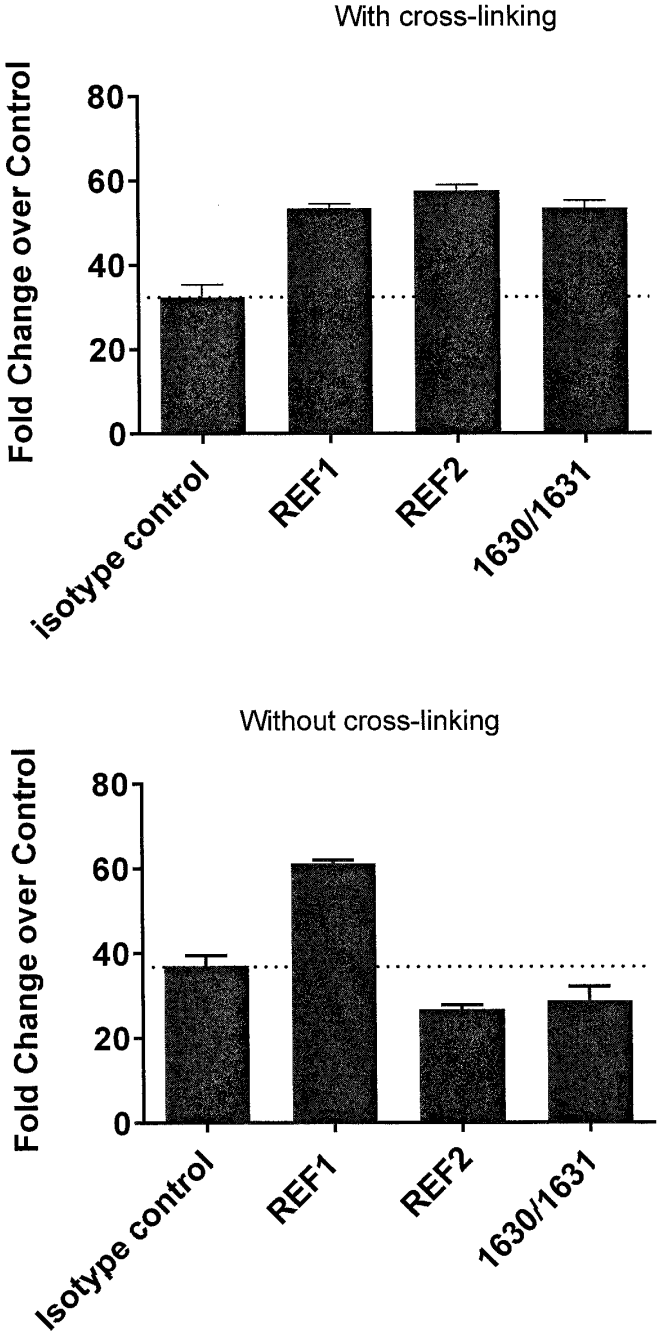

With cross-linking
Fold Change over Control
80
60
40
20
0
isotype control
REF1
REF2
1630/1631
Without cross-linking
Fold Change over Control
80
60
40
20
0
Isotype control
REF1
REF2
1630/1631

FIGURE 6

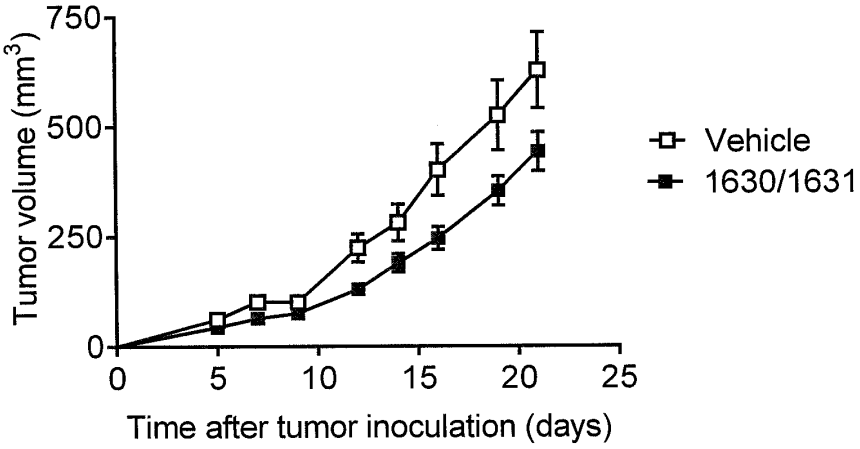

750
500
250
0
Tumor volume (mm3)
0
5
10
15
20
25
Time after tumor inoculation (days)
Vehicle
1630/1631

FIGURE 7

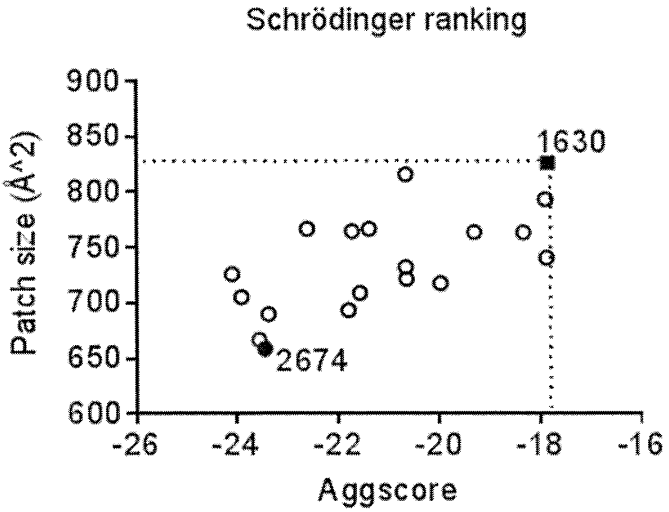

Schrödinger ranking
Patch size (Å^2)
900
850
800
750
700
650
600
1630
2674
-26
-24
-22
-20
-18
-16
Aggscore

FIGURE 8

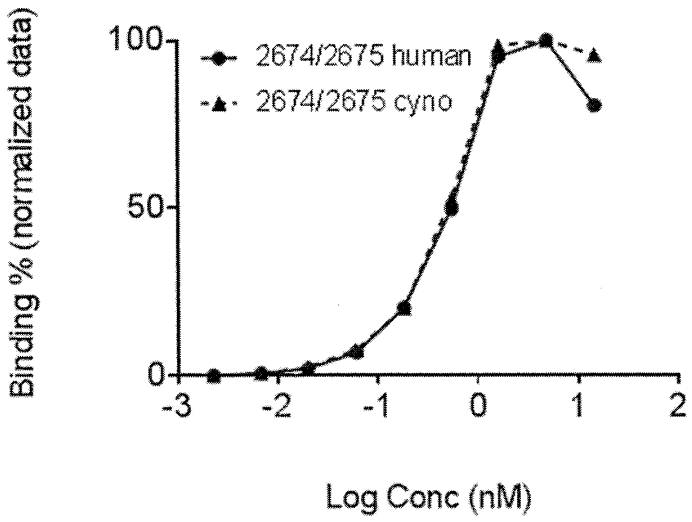

Binding % (normalized data)
100
50
0
2674/2675 human
2674/2675 cyno
-3
-2
-1
0
1
2
Log Conc (nM)

FIGURE 9

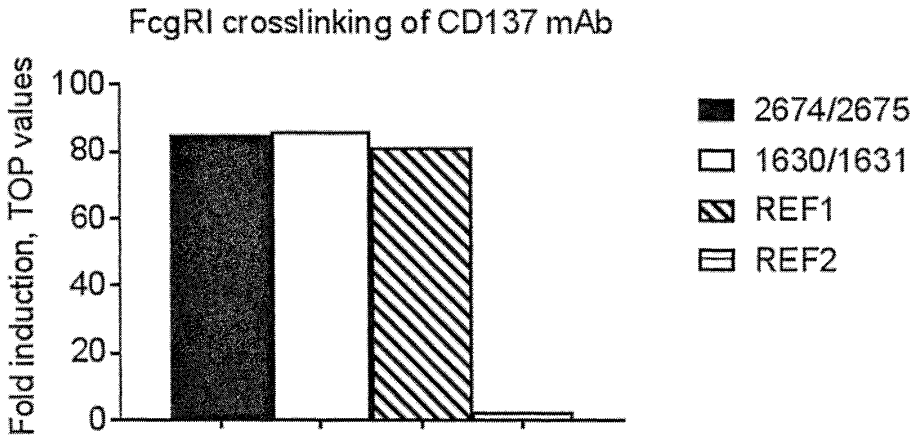

FcgRI crosslinking of CD137 mAb
Fold induction, TOP values
100
80
60
40
20
0
2674/2675
1630/1631
REF1
REF2

FIGURE 10

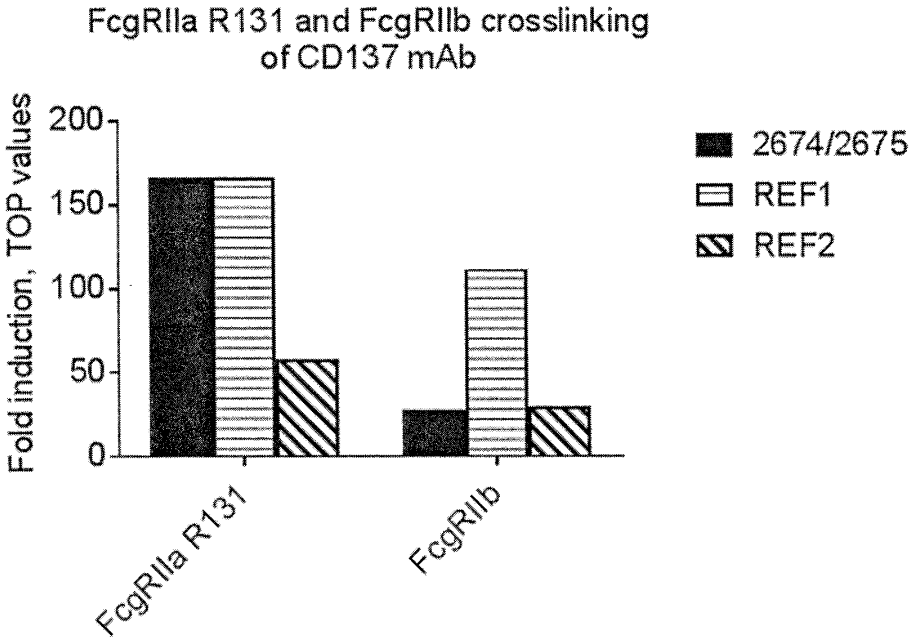

FcgRIIa R131 and FcgRIIb crosslinking of CD137 mAb
Fold induction, TOP values
200
150
100
50
0
FcgRIIa R131
FcgRIIb
2674/2675
REF1
REF2

FIGURE 11

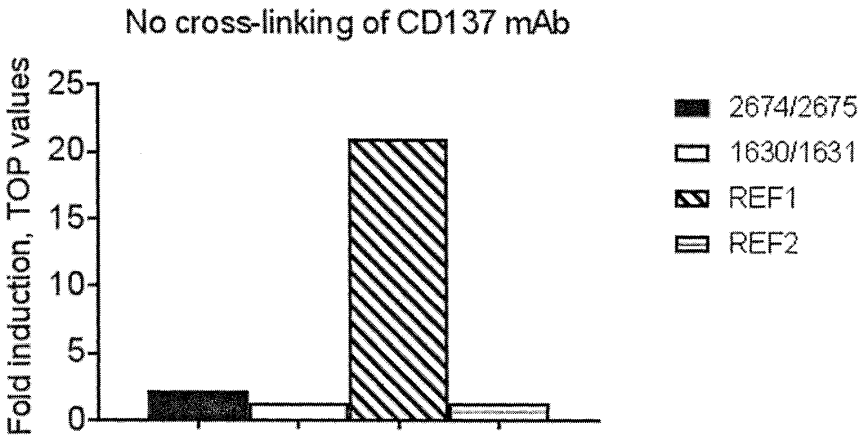
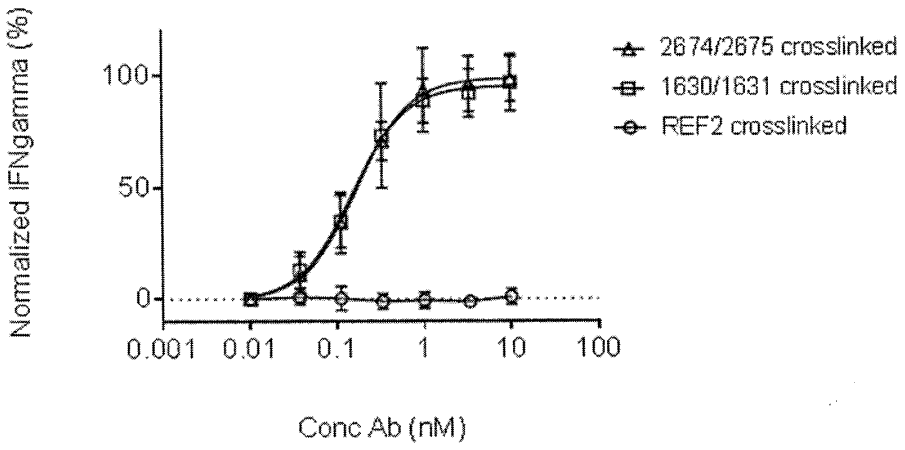

No cross-linking of CD137 mAb
Fold induction, TOP values
25
20
15
10
5
0
2674/2675
1630/1631
REF1
REF2

FIGURE 12


Normalized IFNgamma (%)
100
50
0
0.001
0.01
0.1
1
10
100
Conc Ab (nM)
2674/2675 crosslinked
1630/1631 crosslinked
REF2 crosslinked

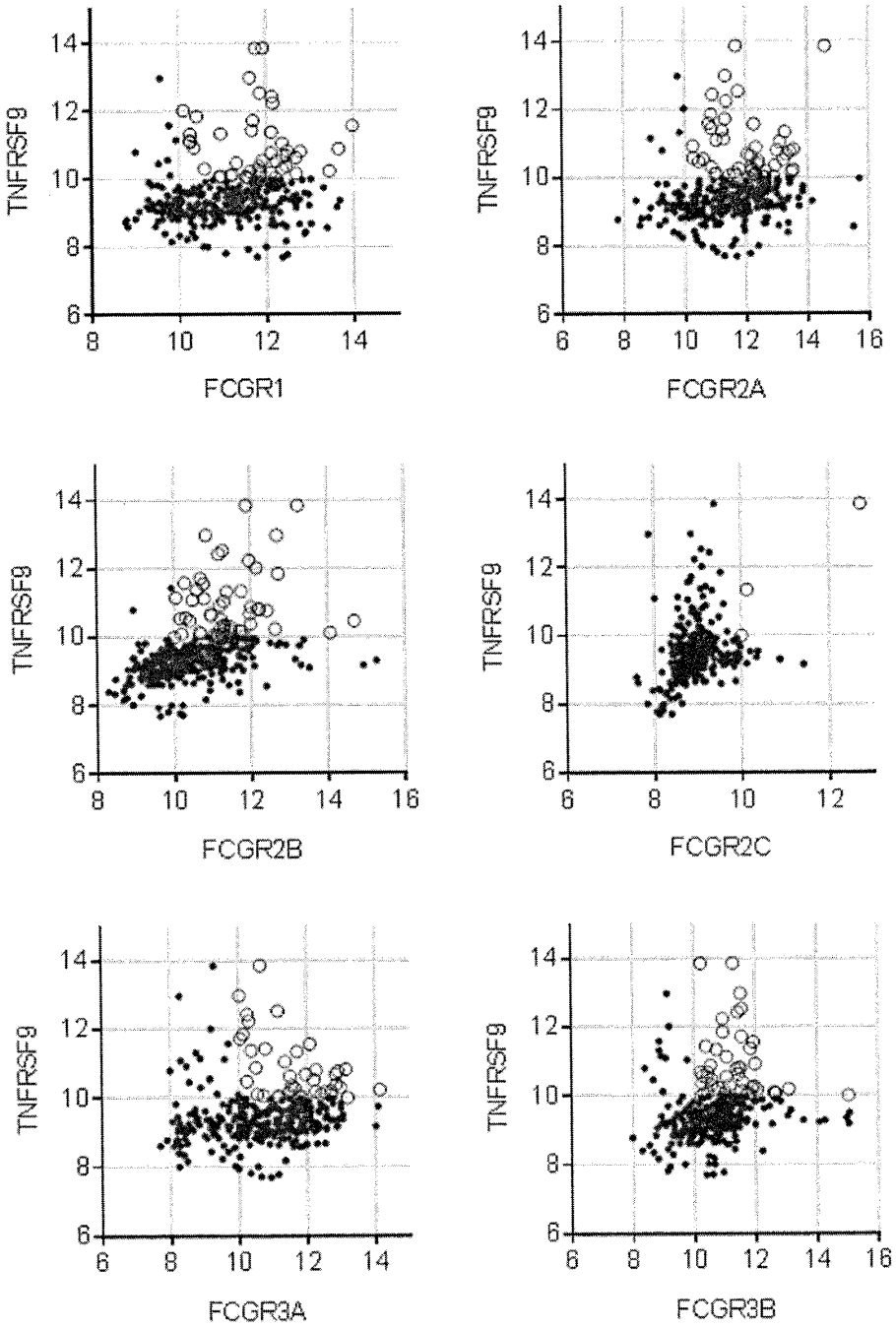



FIGURE 13