a.

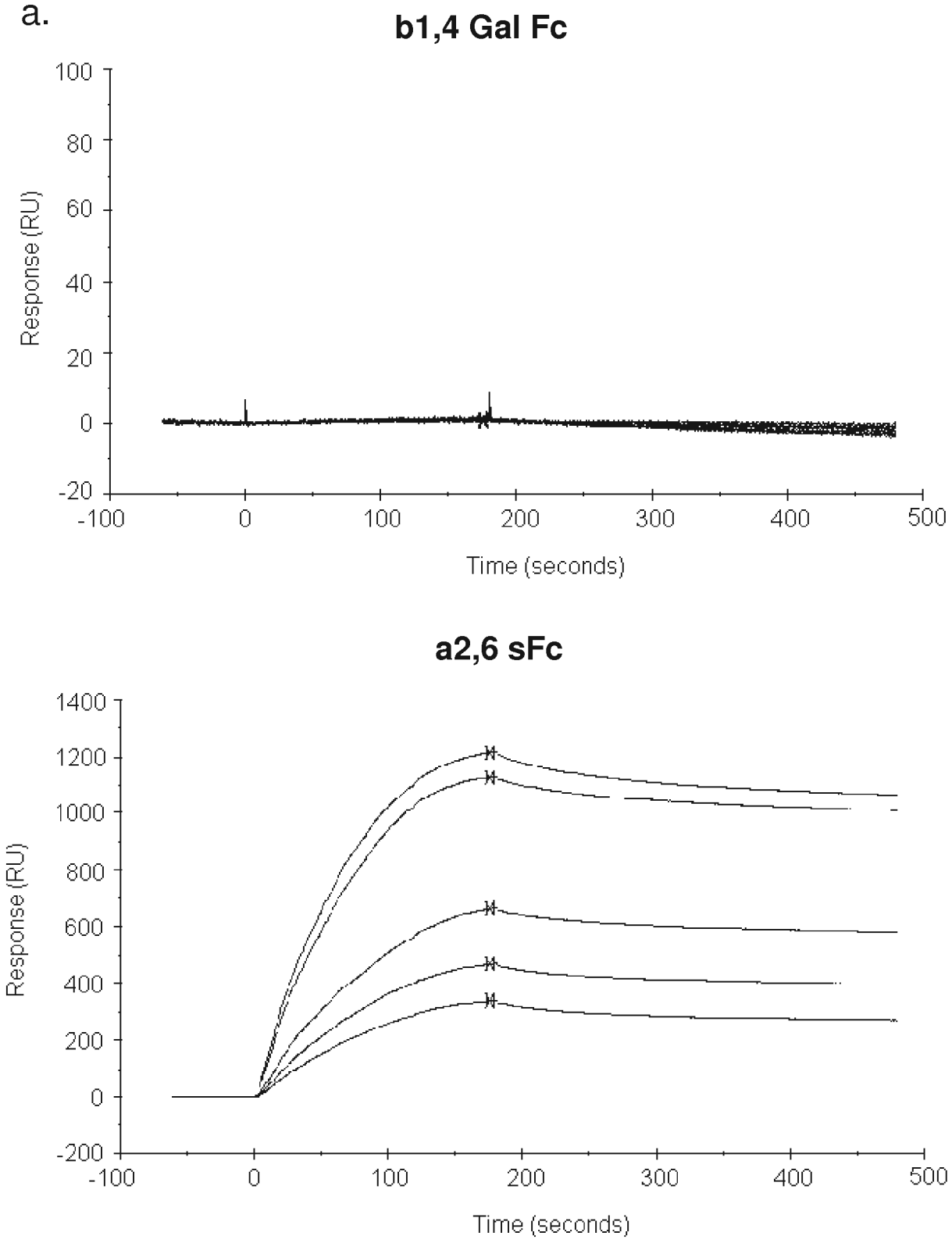
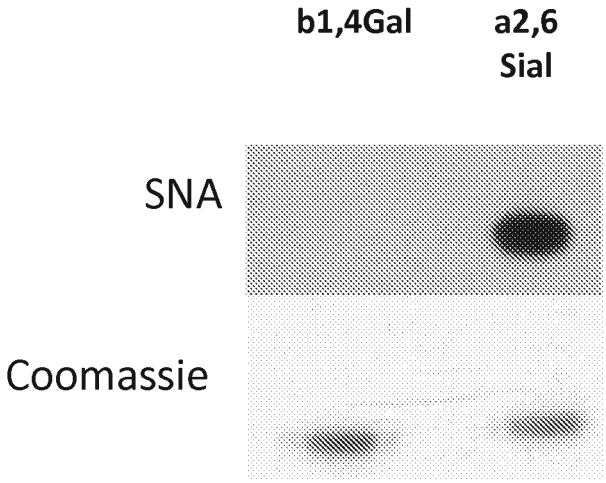
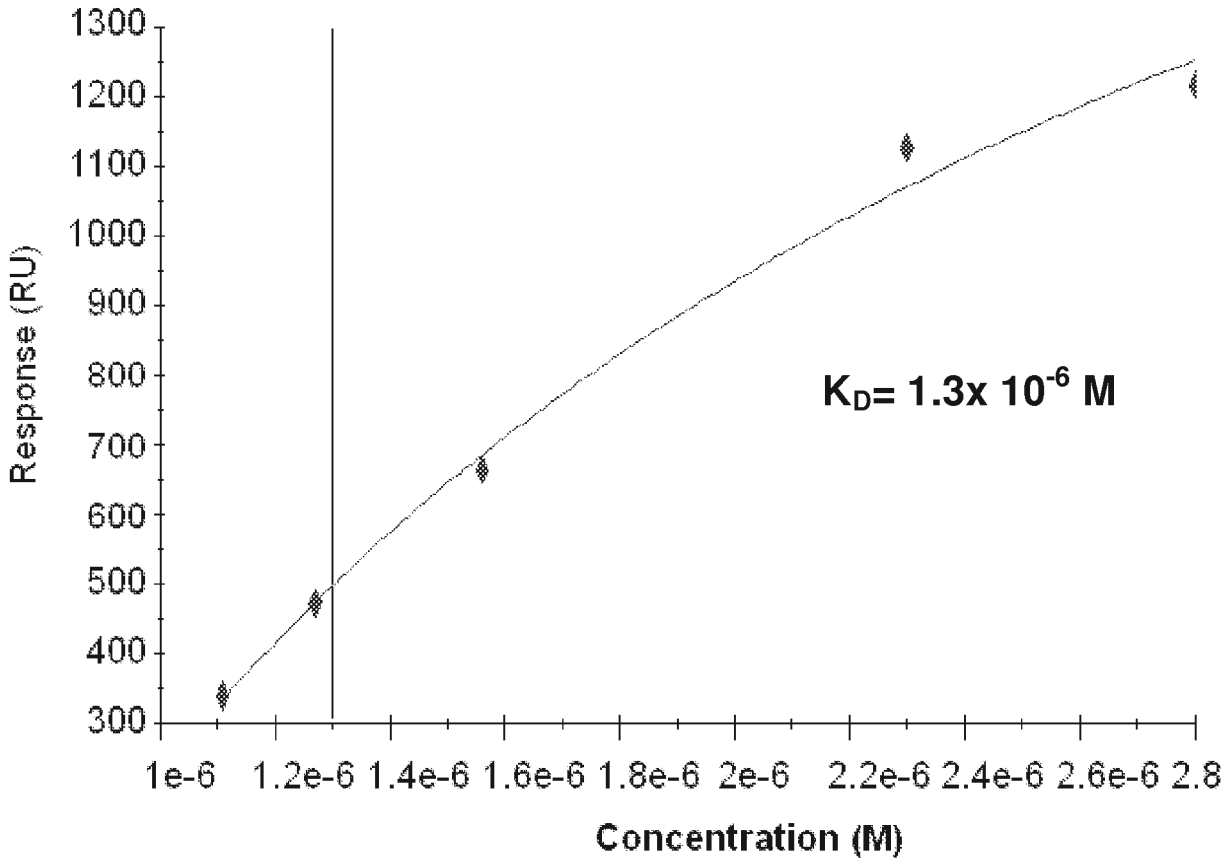

b1,4 Gal Fc
Response (RU)
100
80
60
40
20
0
-20
-100
0
100
200
300
400
500
Time (seconds)
a2,6 sFc
Response (RU)
1400
1200
1000
800
600
400
200
0
-200
-100
0
100
200
300
400
500
Time (seconds)

FIGURE 1 A

b.



c.



FIGURES 1 B-C

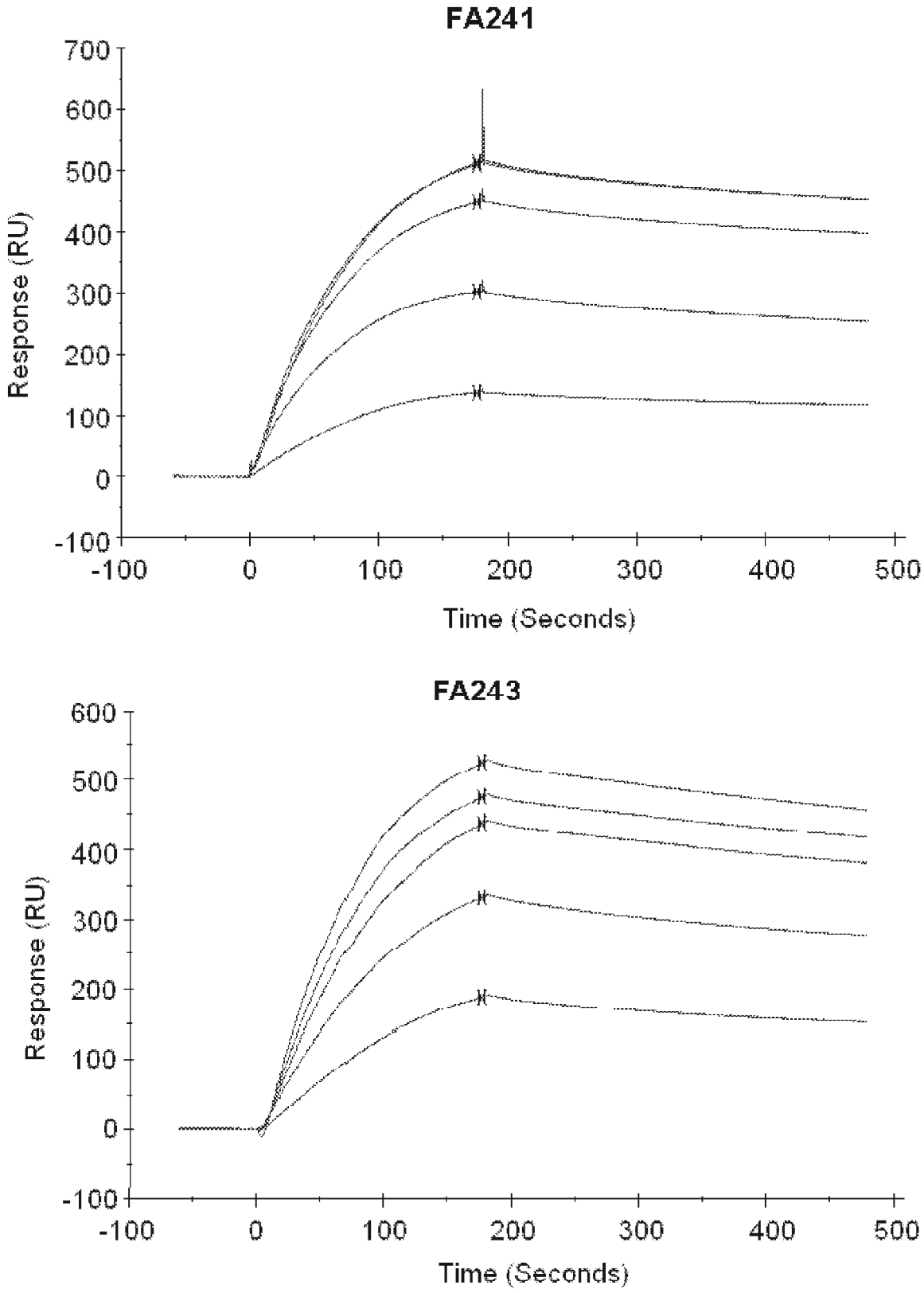

FA241
Response (RU)
700
600
500
400
300
200
100
0
-100
-100
0
100
200
300
400
500
Time (Seconds)
FA243
Response (RU)
600
500
400
300
200
100
0
-100
-100
0
100
200
300
400
500
Time (Seconds)

FIGURE 2 A

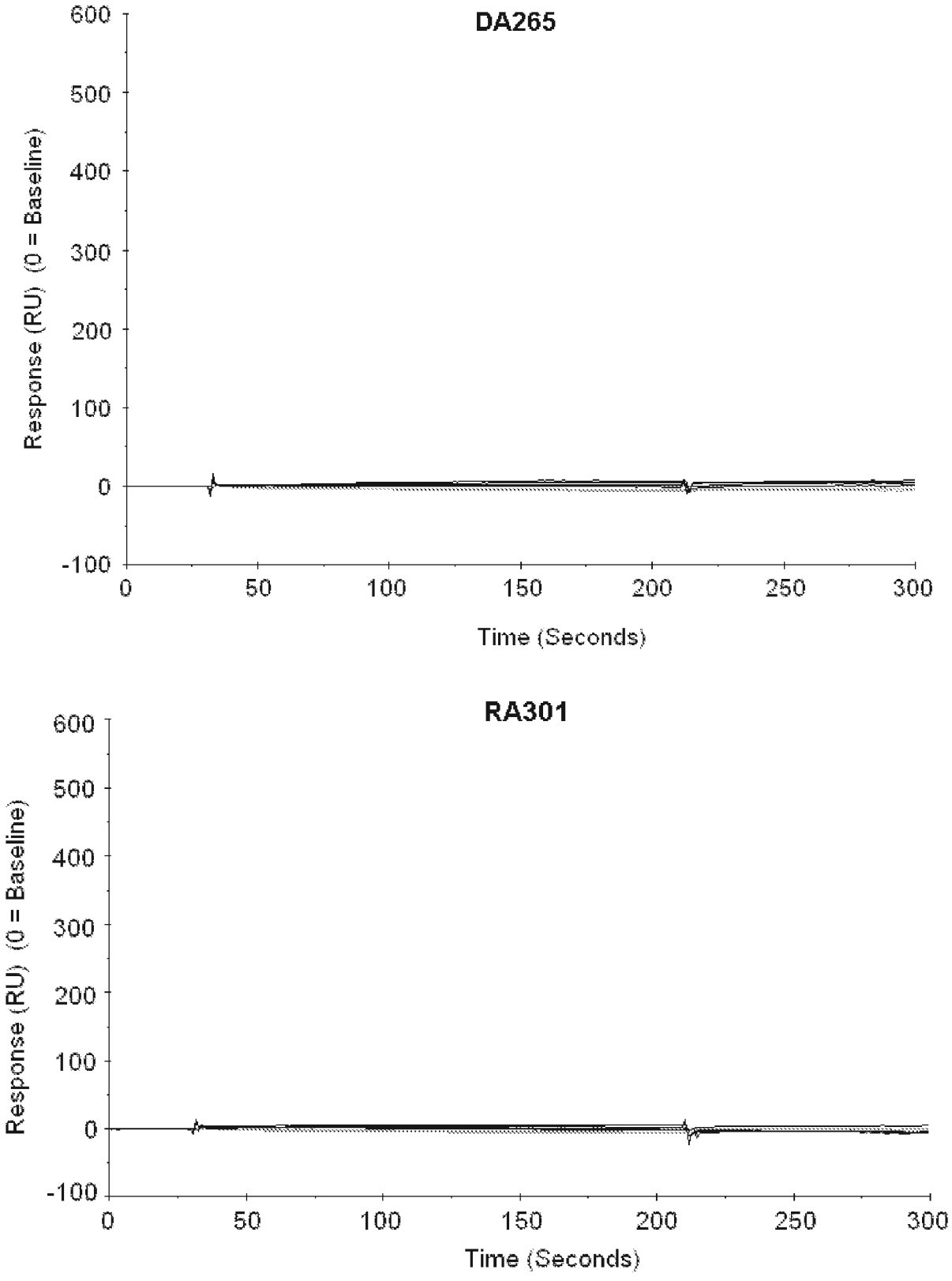


FIGURE 2 A Cont'd

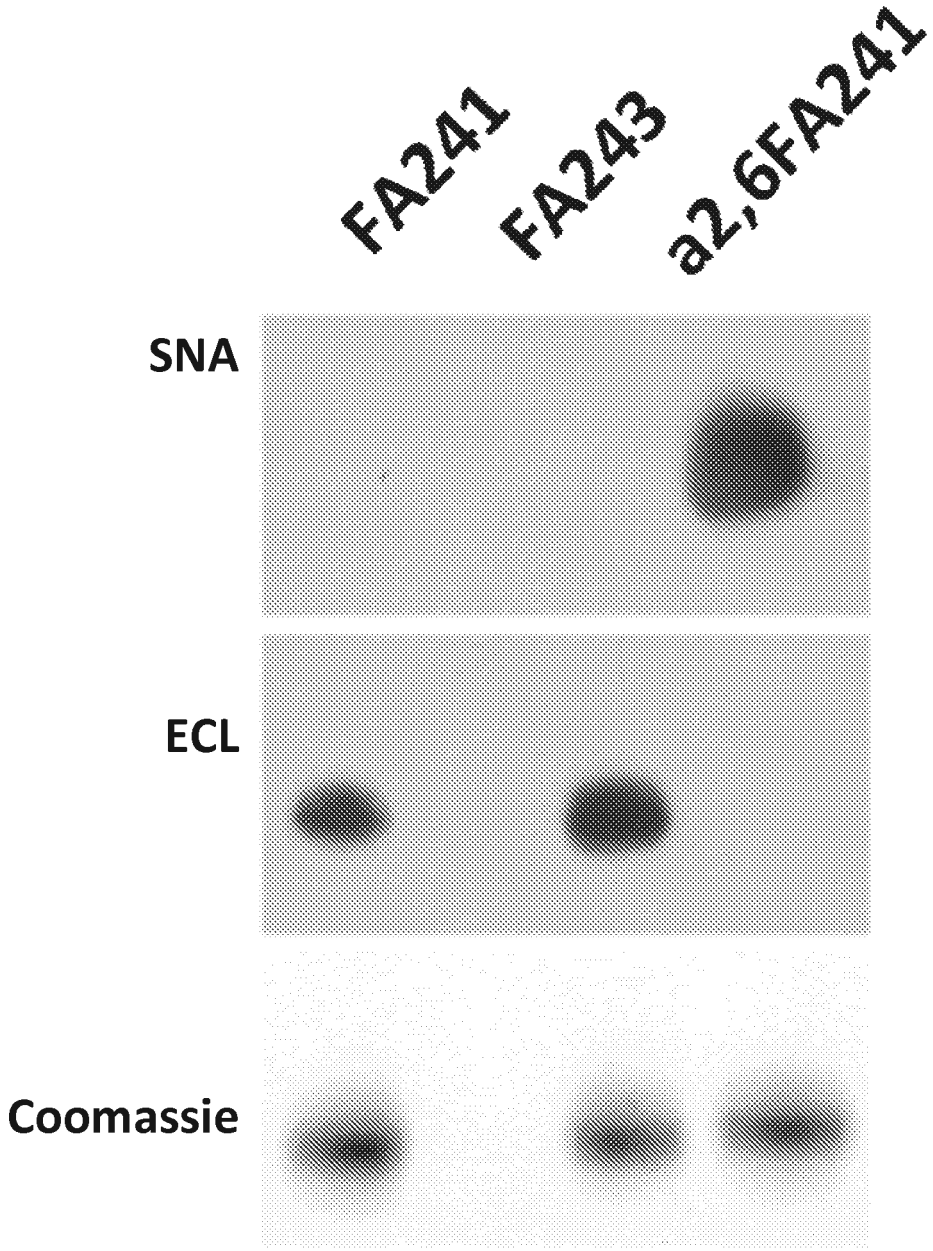


FIGURE 2 B

FIGURE 3

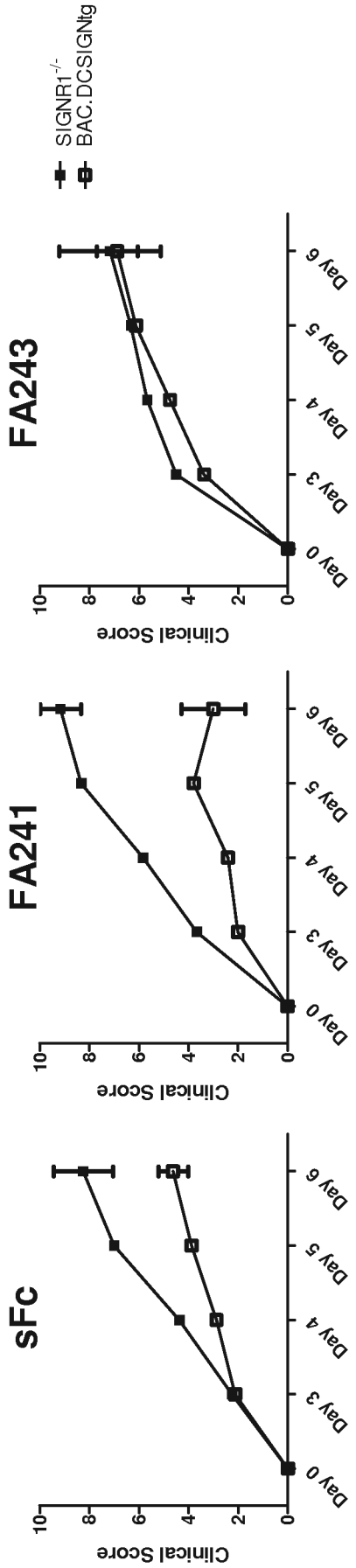
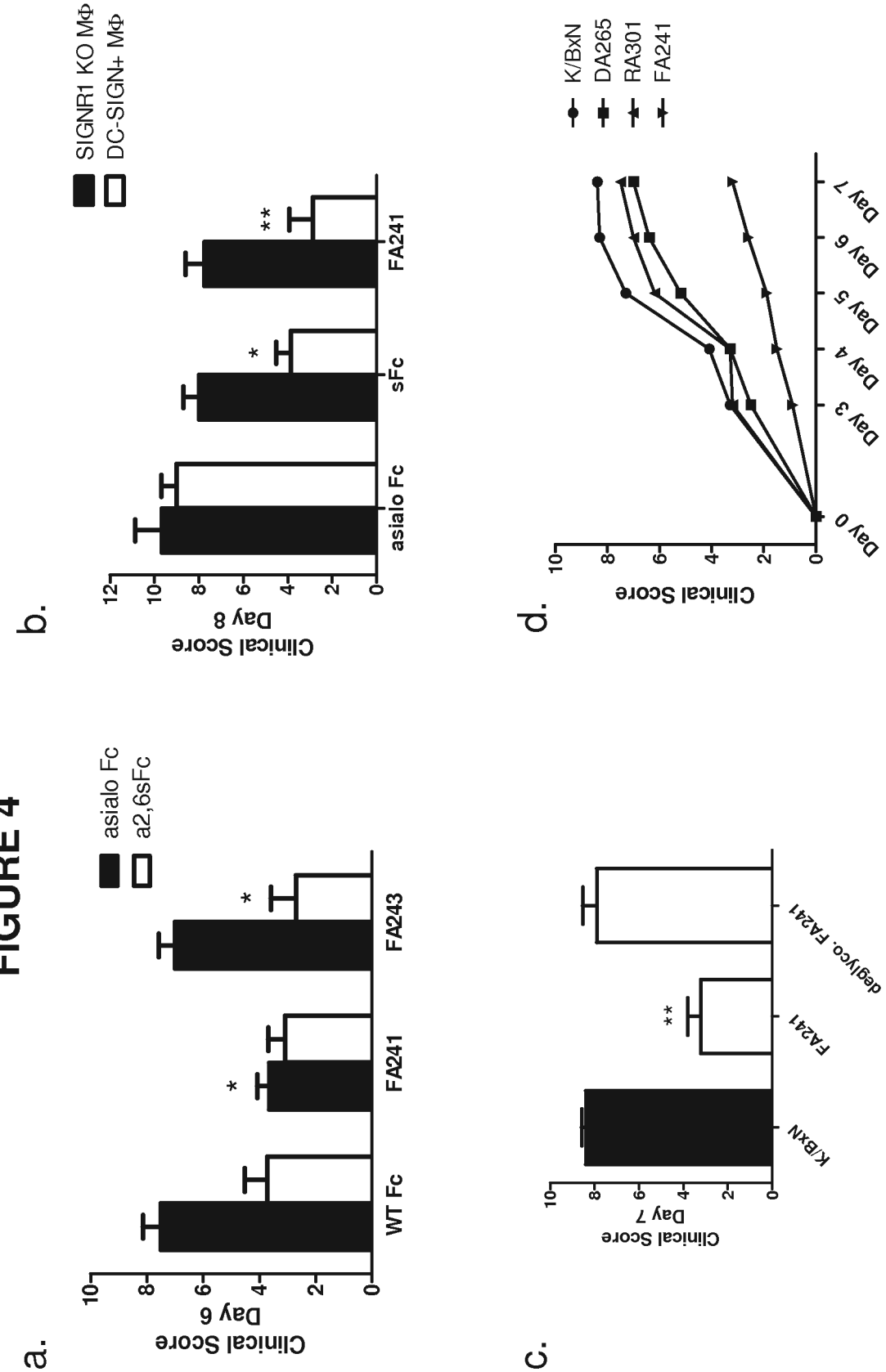

SIGNR1-/-
BAC.DCSIGNtg
sFc
FA241
FA243
Clinical Score
0
2
4
6
8
10
Day 0
Day 3
Day 4
Day 5
Day 6

FIGURE 4


a.
asialo Fc
a2,6sFc
Clinical Score
Day 6
WT Fc
FA241
FA243
*
*
b.
SIGNR1 KO MΦ
DC-SIGN+ MΦ
Clinical Score
Day 8
asialo Fc
sFc
FA241
*
**
c.
Clinical Score
Day 7
K/BxN
FA241
deglyco. FA241
**
d.
K/BxN
DA265
RA301
FA241
Clinical Score
Day 0
Day 3
Day 4
Day 5
Day 6
Day 7

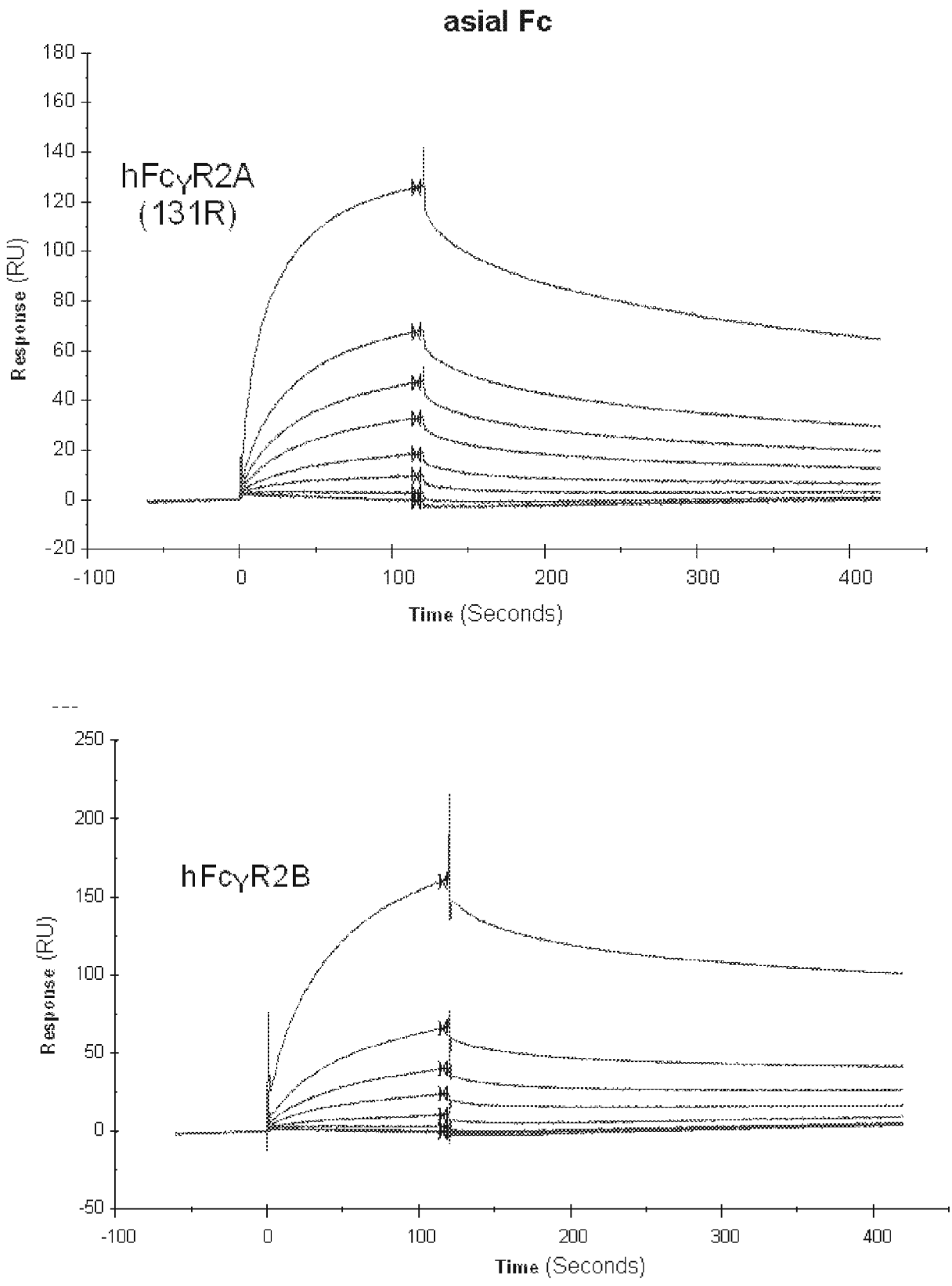

asial Fc
hFcγR2A
(131R)
Response (RU)
Time (Seconds)
hFcγR2B
Response (RU)
Time (Seconds)

FIGURE 5

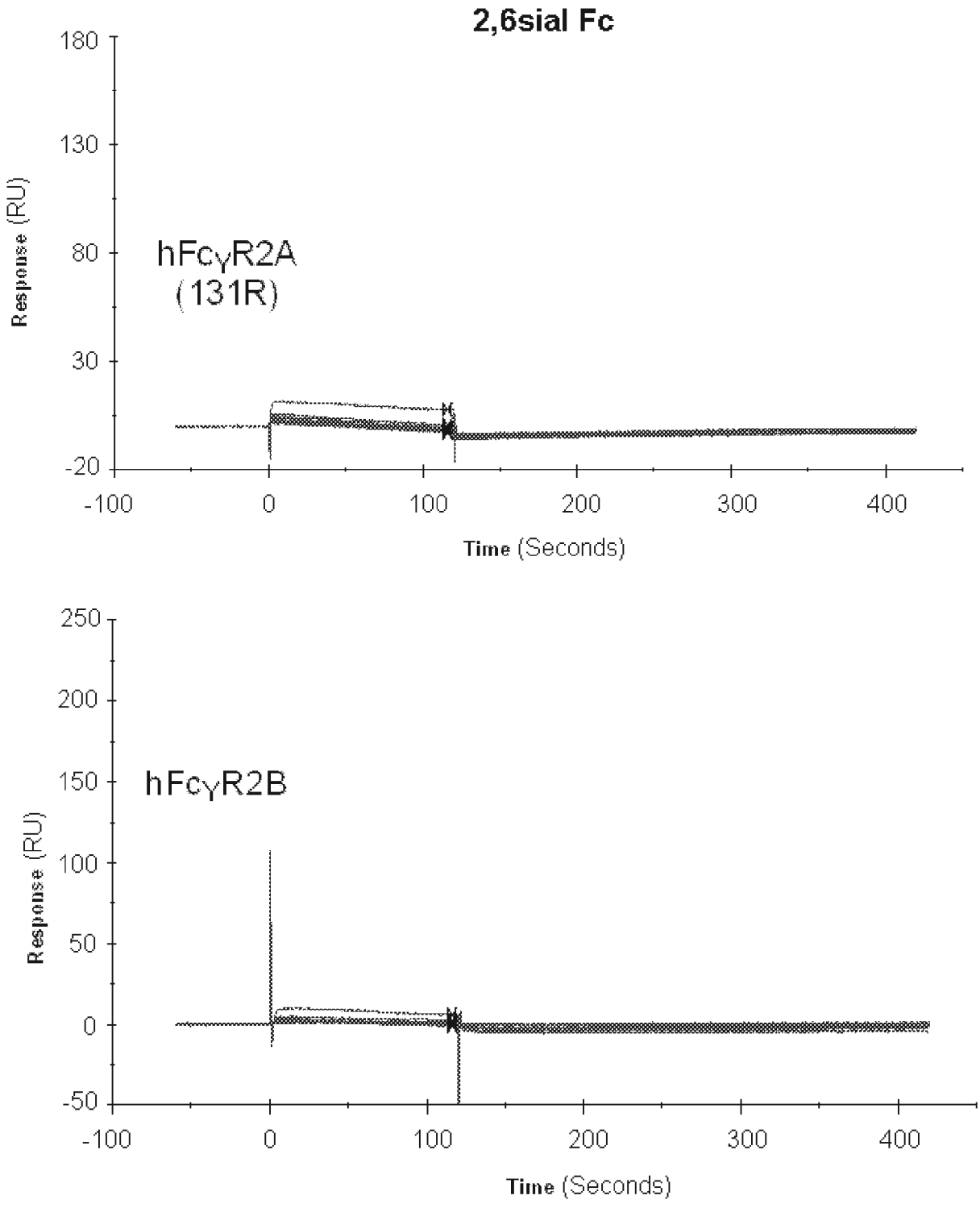


FIGURE 5 Cont'd

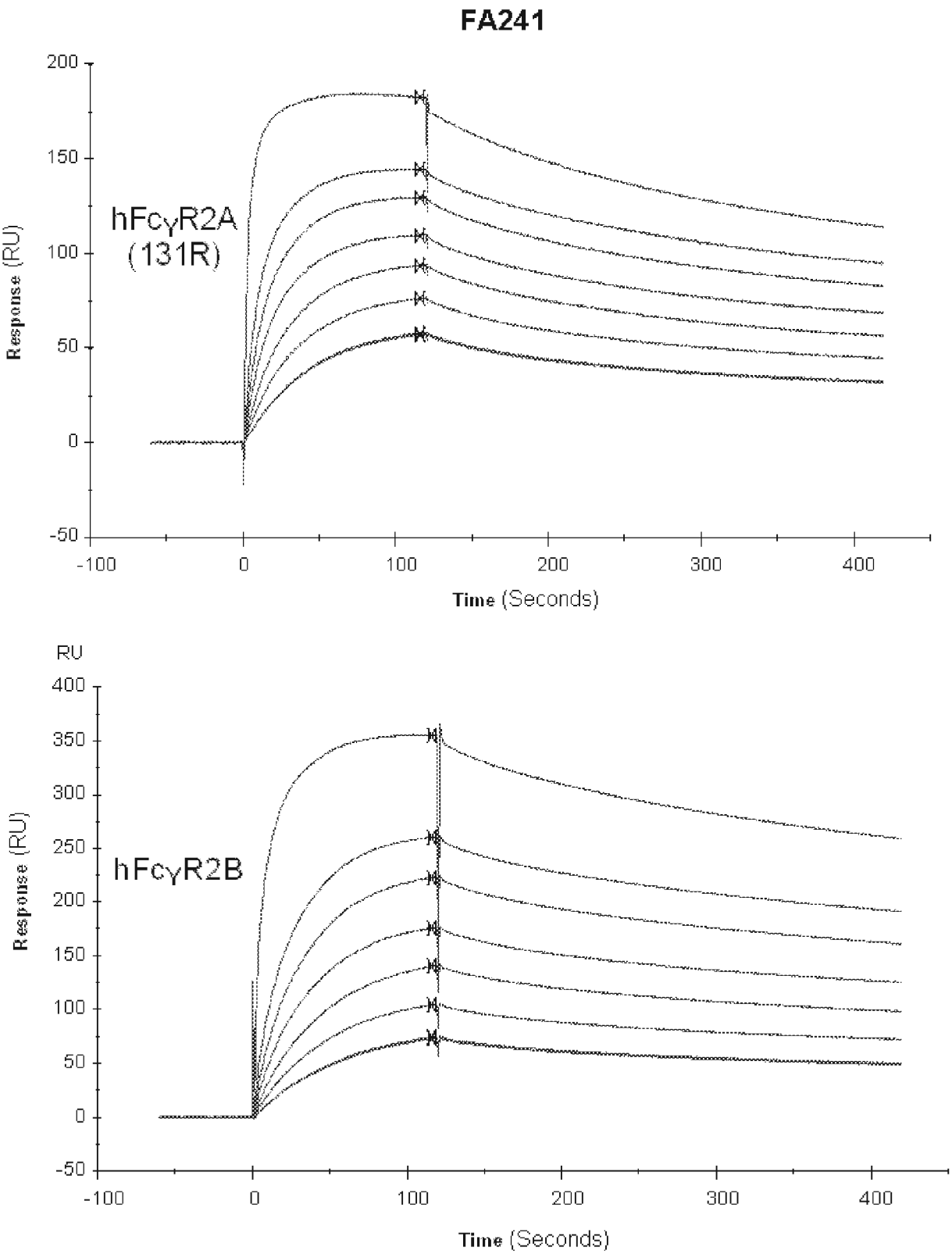
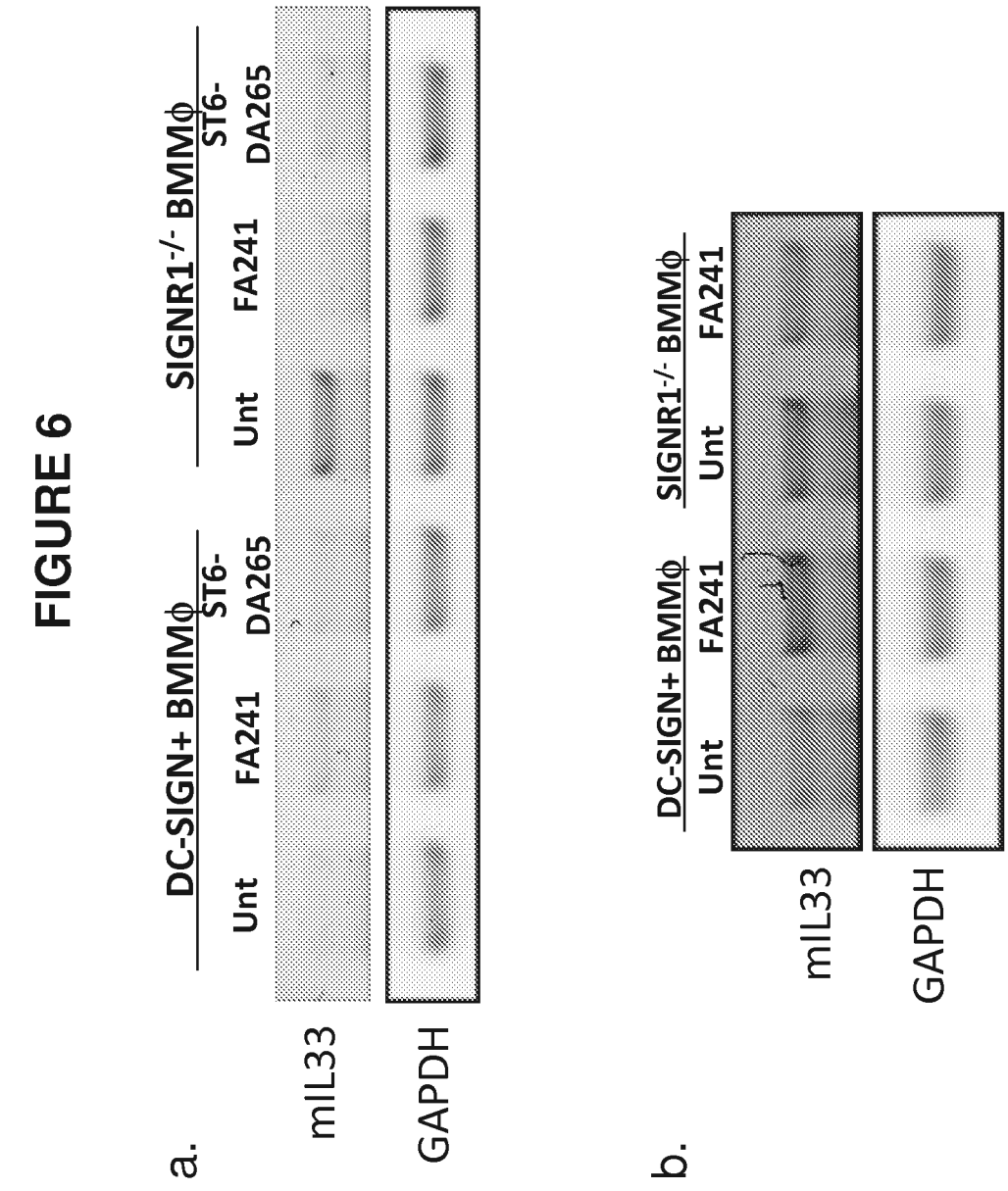


FIGURE 5 Cont'd

FIGURE 6


a.
DC-SIGN+ BMMϕ
SIGNR1-/- BMMϕ
Unt
FA241
ST6-DA265
Unt
FA241
ST6-DA265
mIL33
GAPDH
b.
DC-SIGN+ BMMϕ
SIGNR1-/- BMMϕ
Unt
FA241
Unt
FA241
mIL33
GAPDH