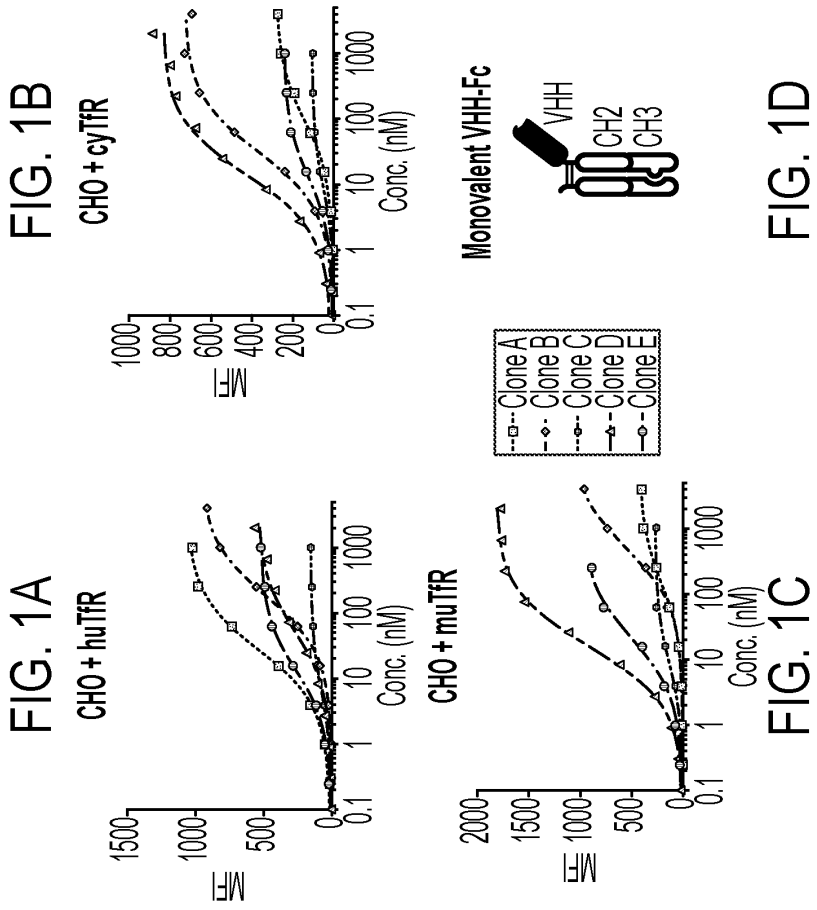


FIG. 1A

FIG. 1B

FIG. 1C

FIG. 1D

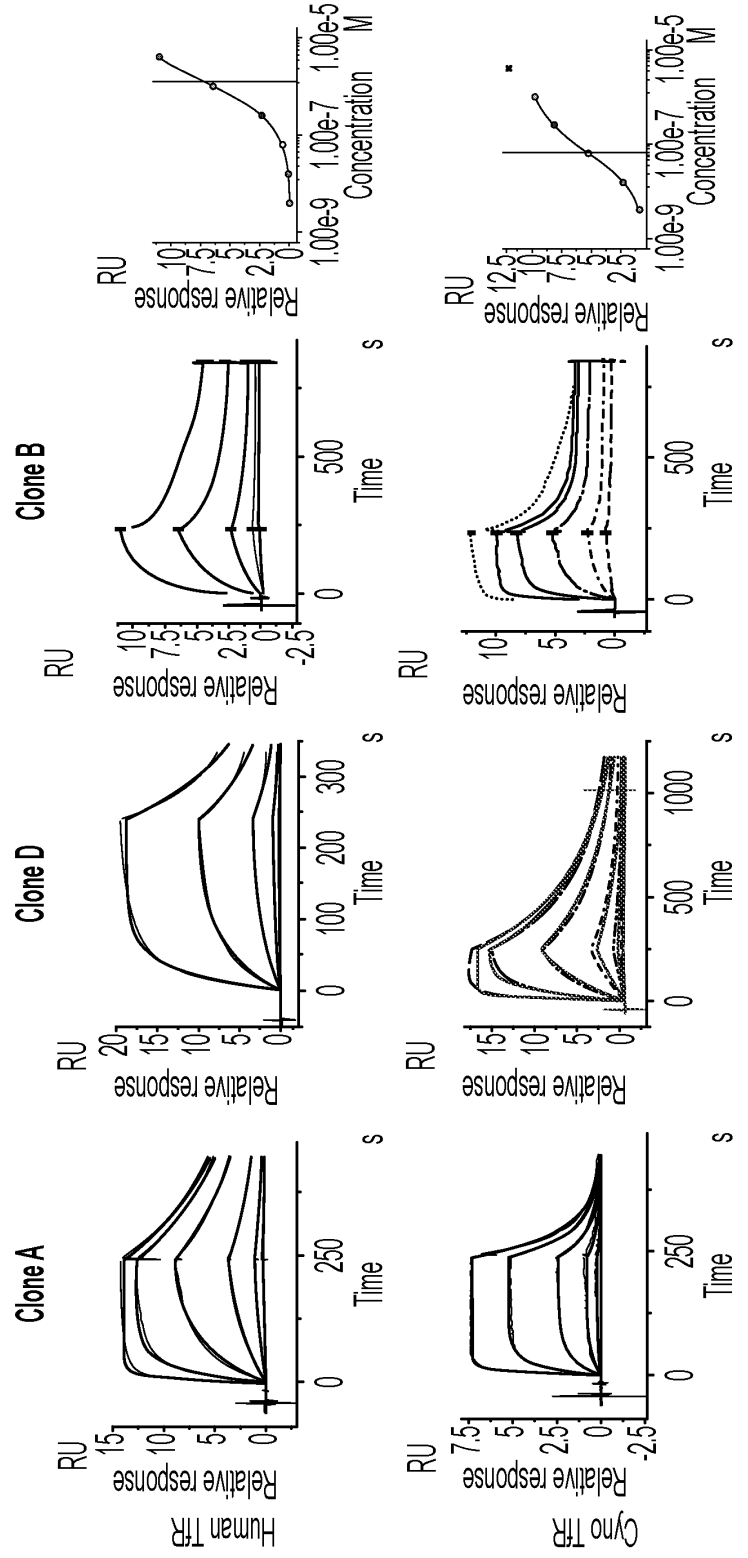

Clone A
Clone D
Clone B
Human TfR
Cyno TfR
RU
Relative response
Time
s
Concentration
M
1.00e-9
1.00e-7
1.00e-5

FIG. 2

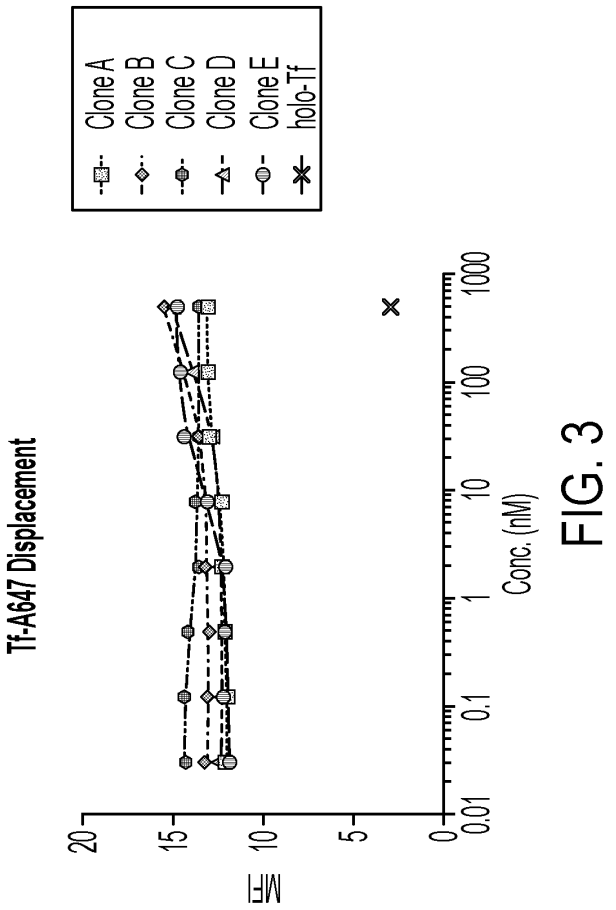

Tf-A647 Displacement
MFI
Conc. (nM)
0.01
0.1
1
10
100
1000
0
5
10
15
20
Clone A
Clone B
Clone C
Clone D
Clone E
holo-Tf

FIG. 3

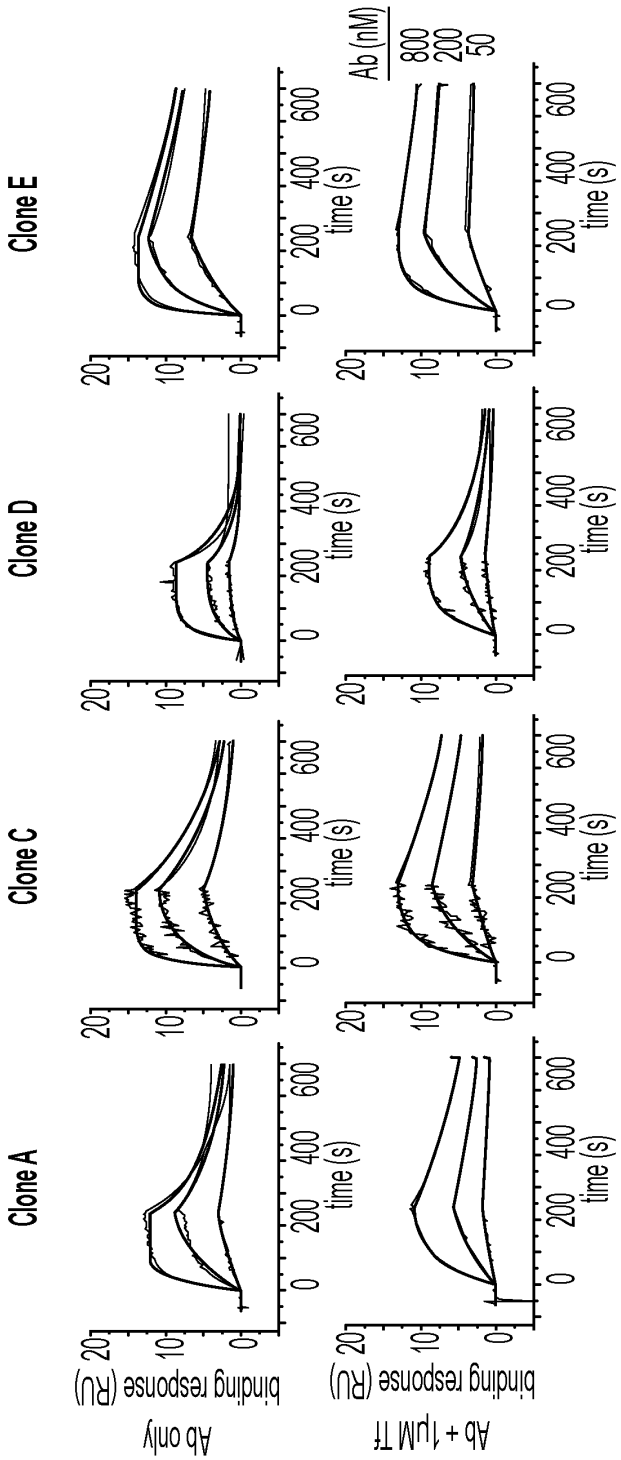

Clone A
Clone C
Clone D
Clone E
Ab only
Ab + 1μM Tf
binding response (RU)
time (s)
Ab (nM)
800
200
50

FIG. 4

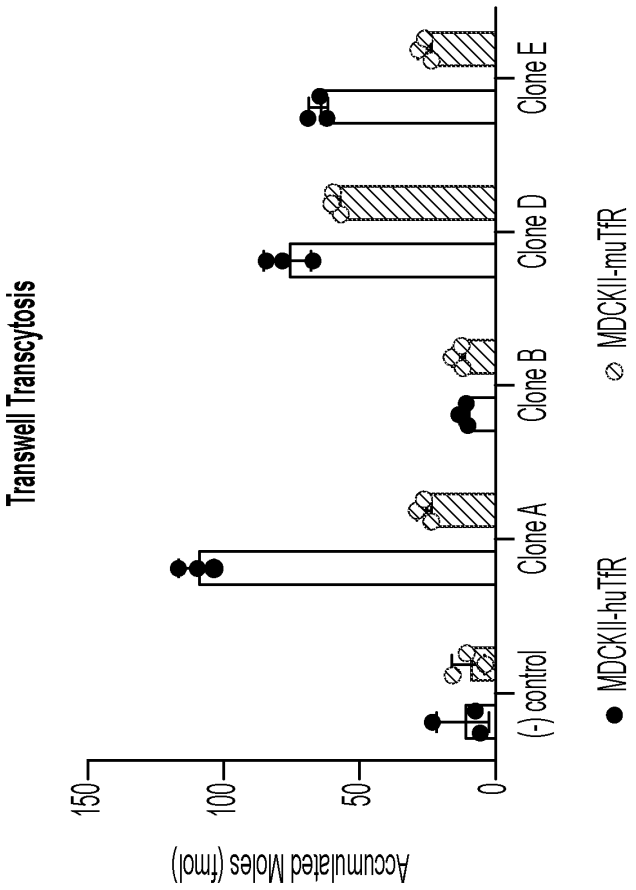

Transwell Transcytosis
Accumulated Moles (fmol)
150
100
50
0
(-) control
Clone A
Clone B
Clone D
Clone E
MDCKII-huTfR
MDCKII-muTfR

FIG. 5

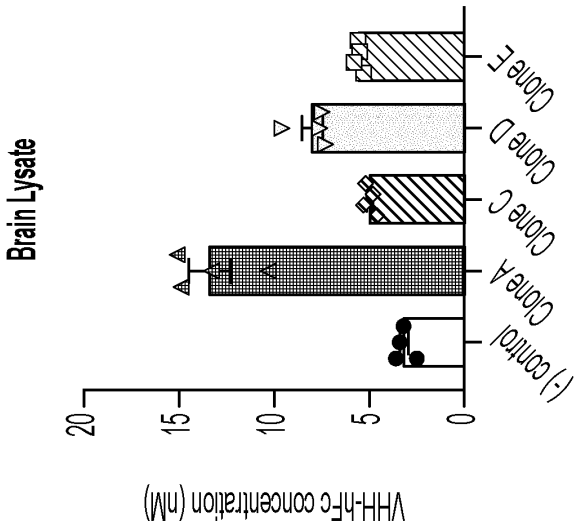

Brain Lysate
VHH-hFc concentration (nM)
0
5
10
15
20
(-) control
Clone A
Clone C
Clone D
Clone E

FIG. 6B

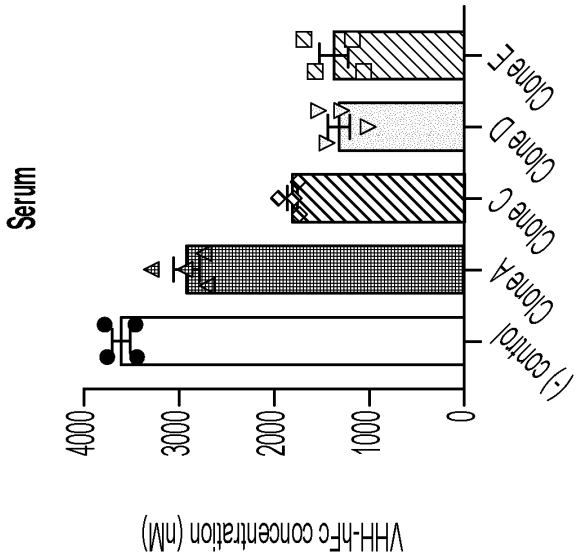

Serum
VHH-hFc concentration (nM)
0
1000
2000
3000
4000
(-) control
Clone A
Clone C
Clone D
Clone E

FIG. 6A

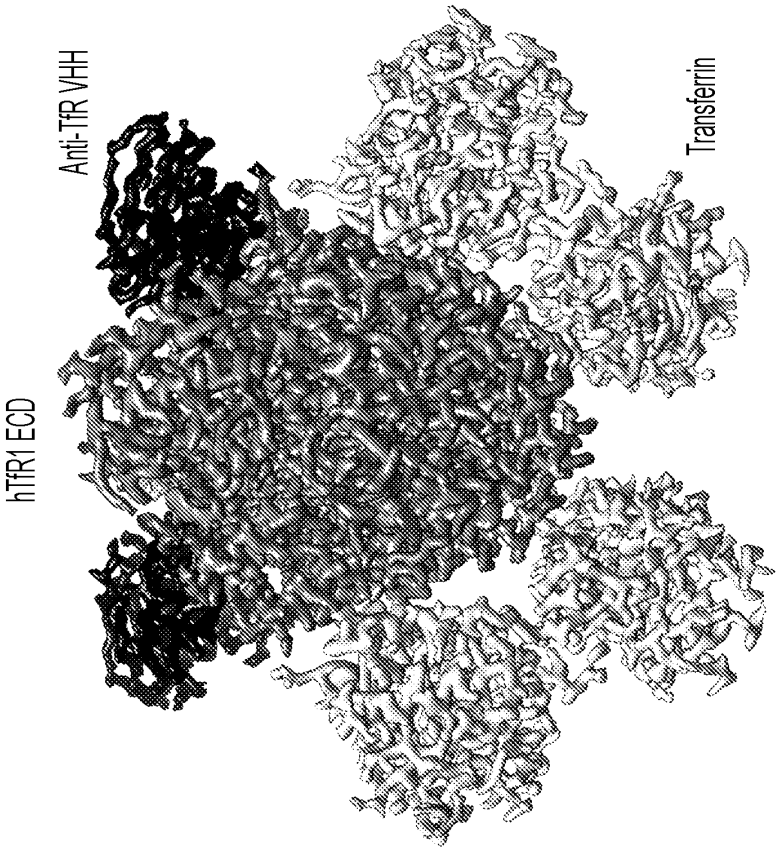


FIG. 7A

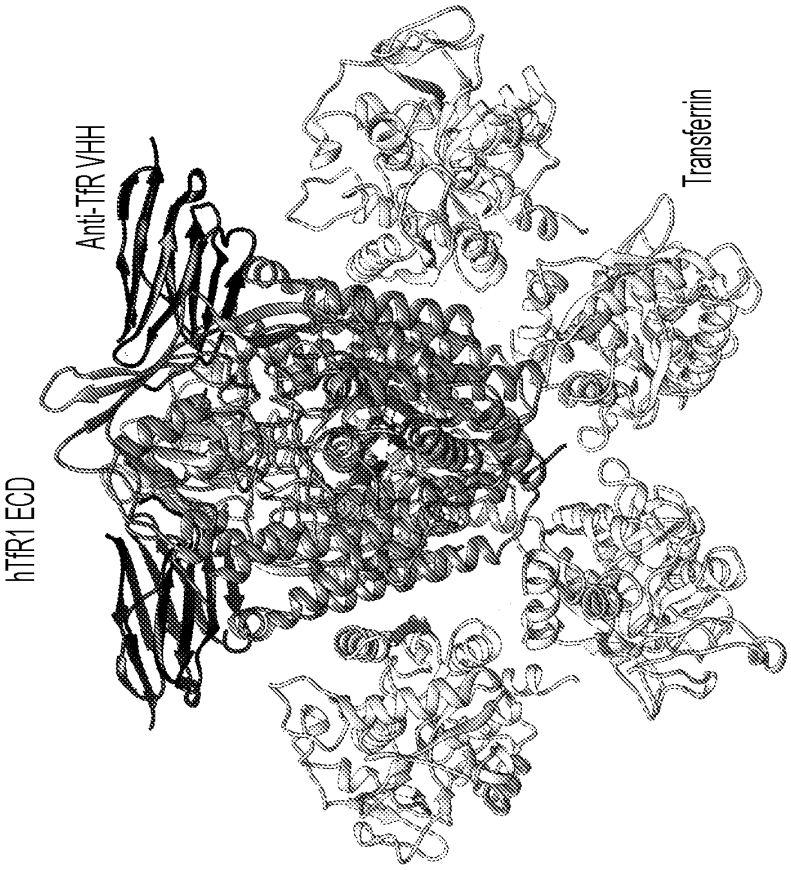


FIG. 7B

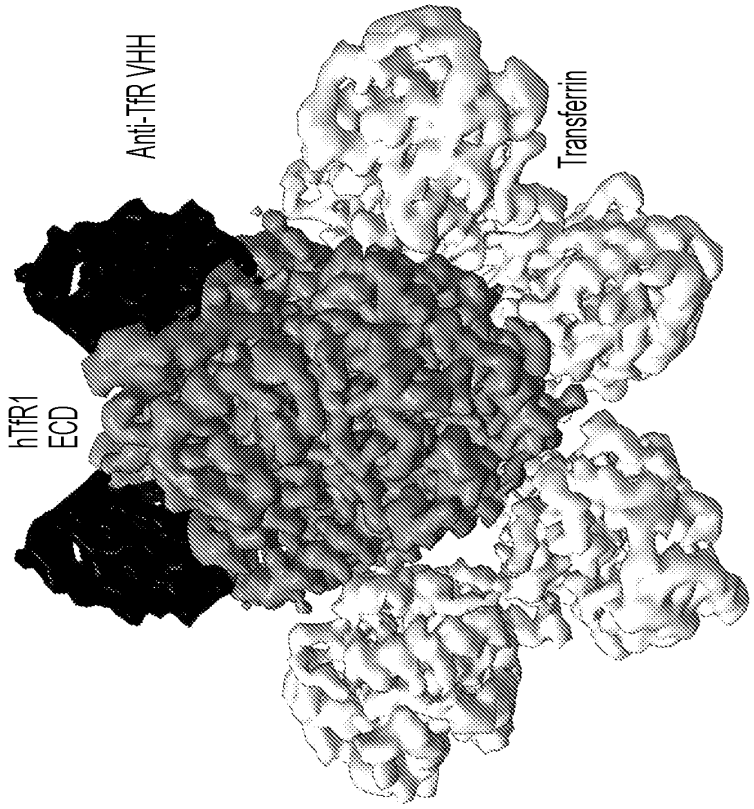


FIG. 8A

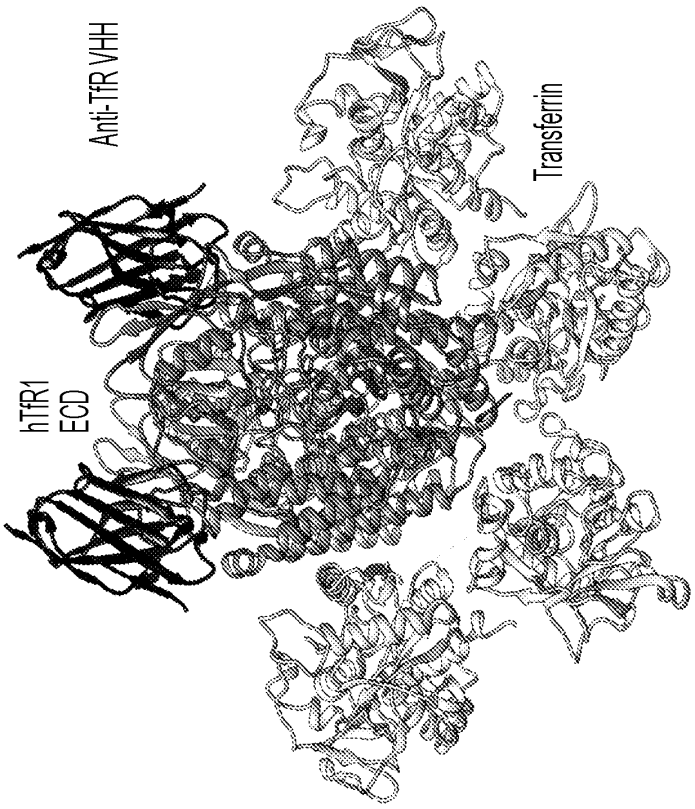


FIG. 8B

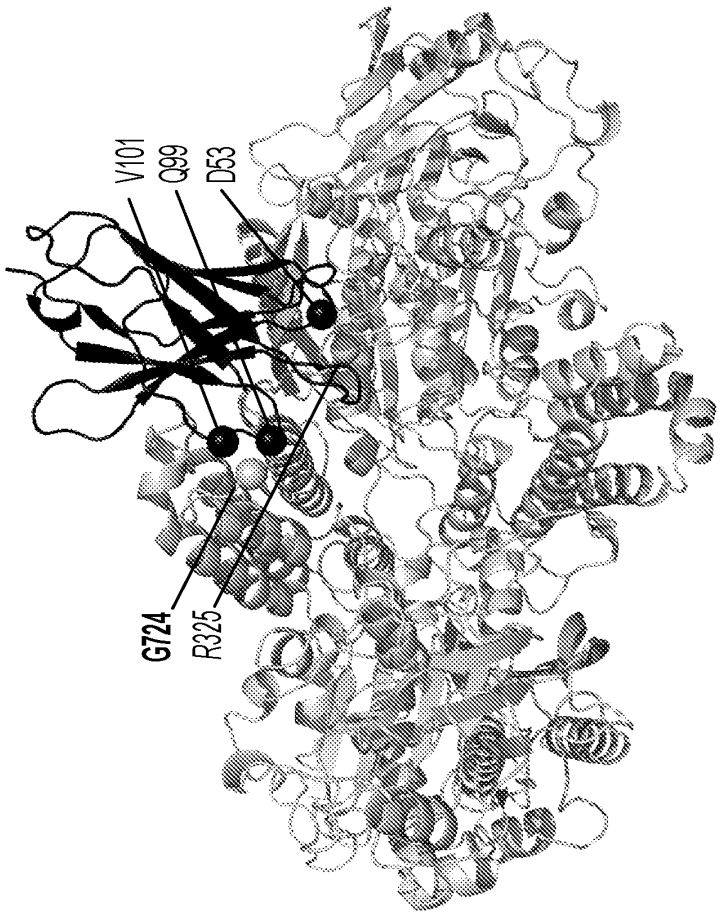


FIG. 9

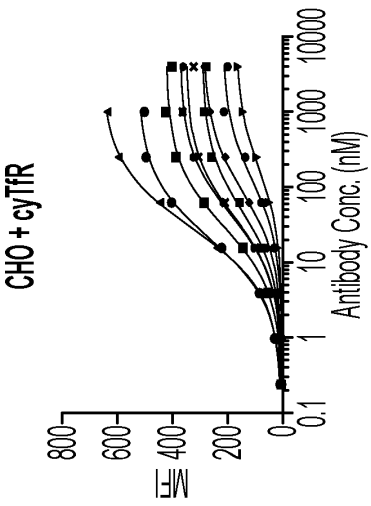


FIG. 10B

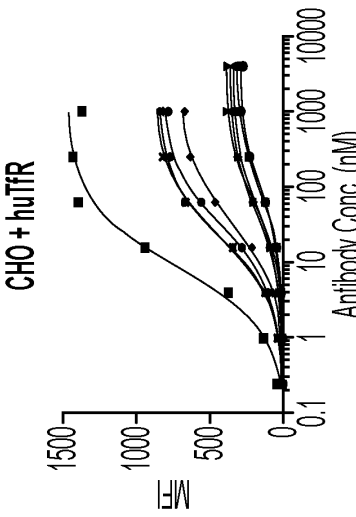


FIG. 10A

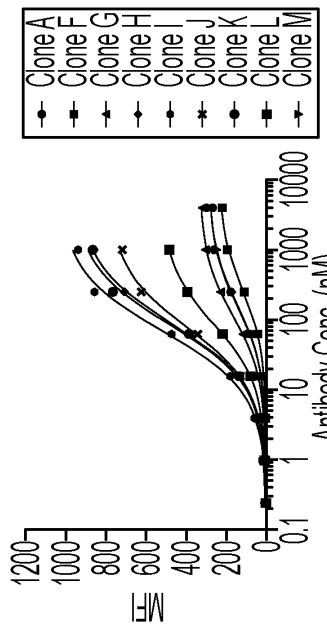


FIG. 10C

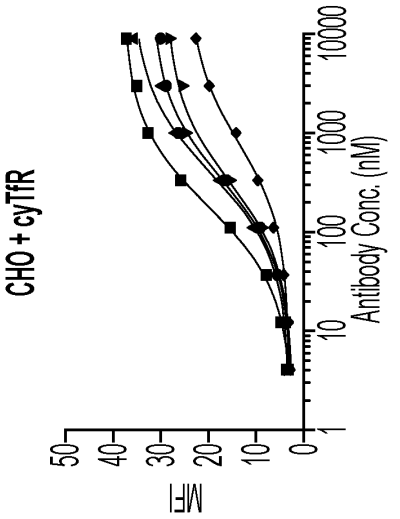


FIG. 11B

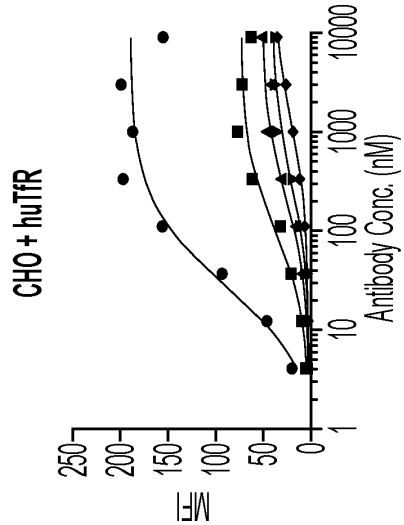


FIG. 11A

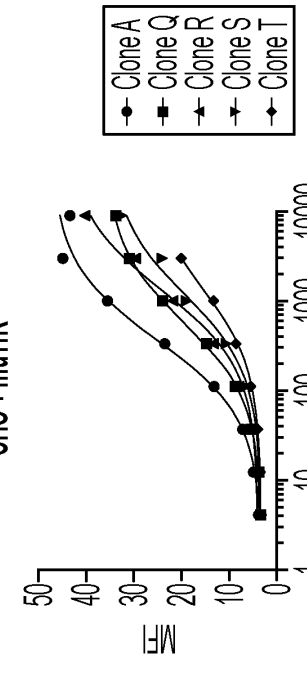


FIG. 11C

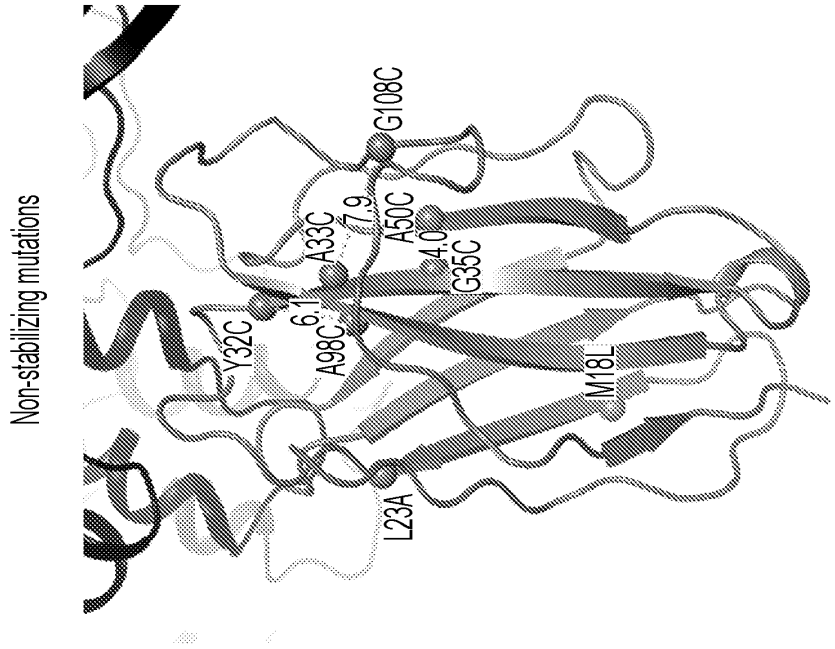


FIG. 12B

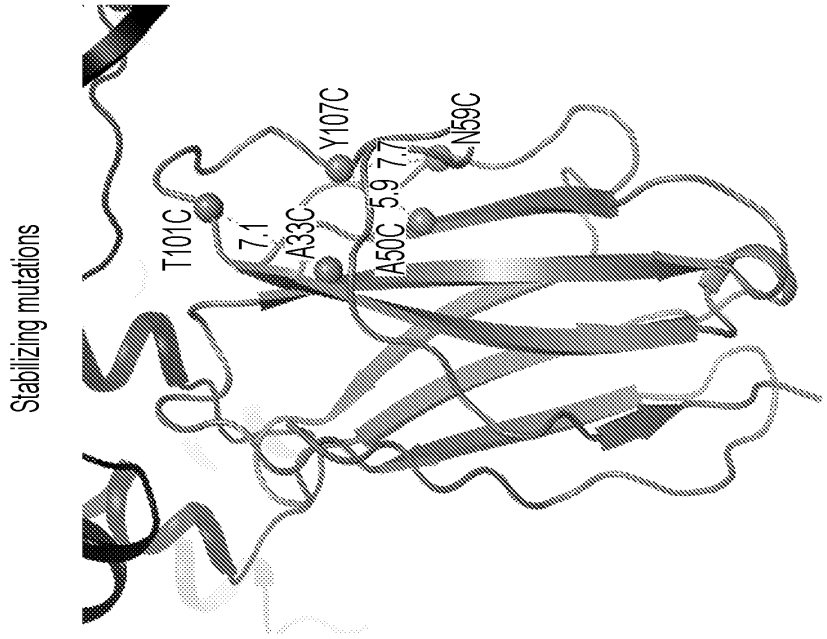


FIG. 12A

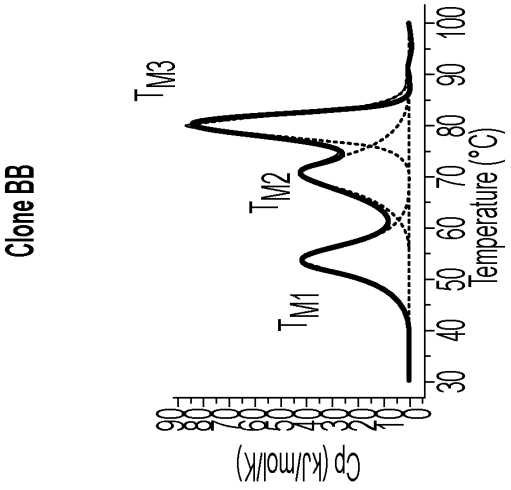


FIG. 13C

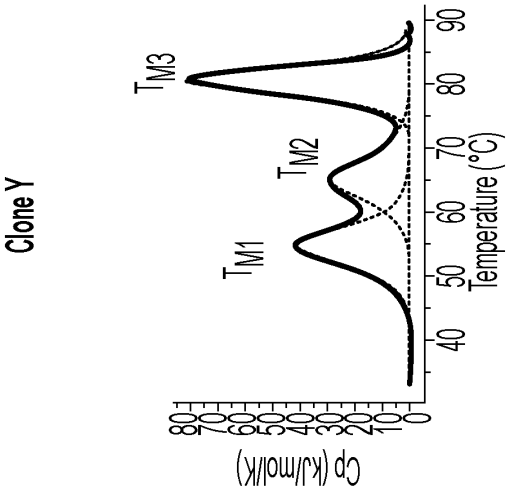


FIG. 13B

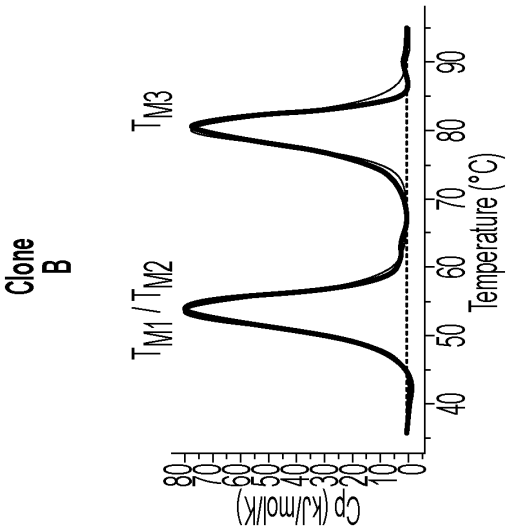


FIG. 13A

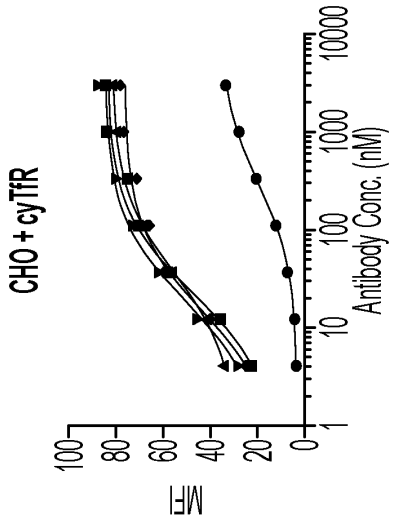


FIG. 14B

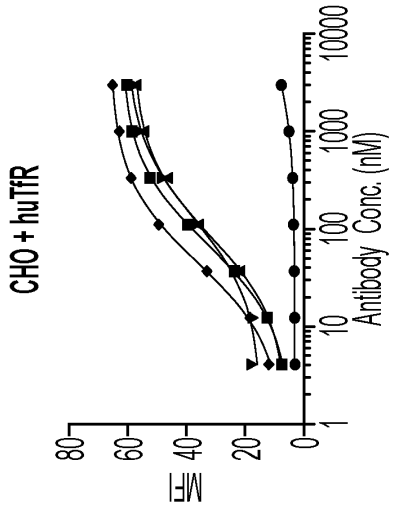


FIG. 14A

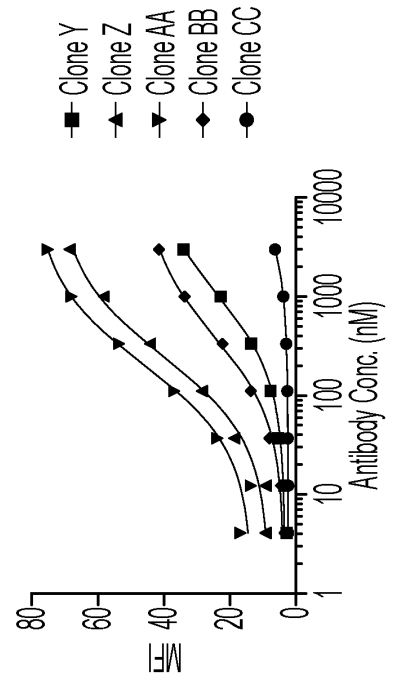


FIG. 14C