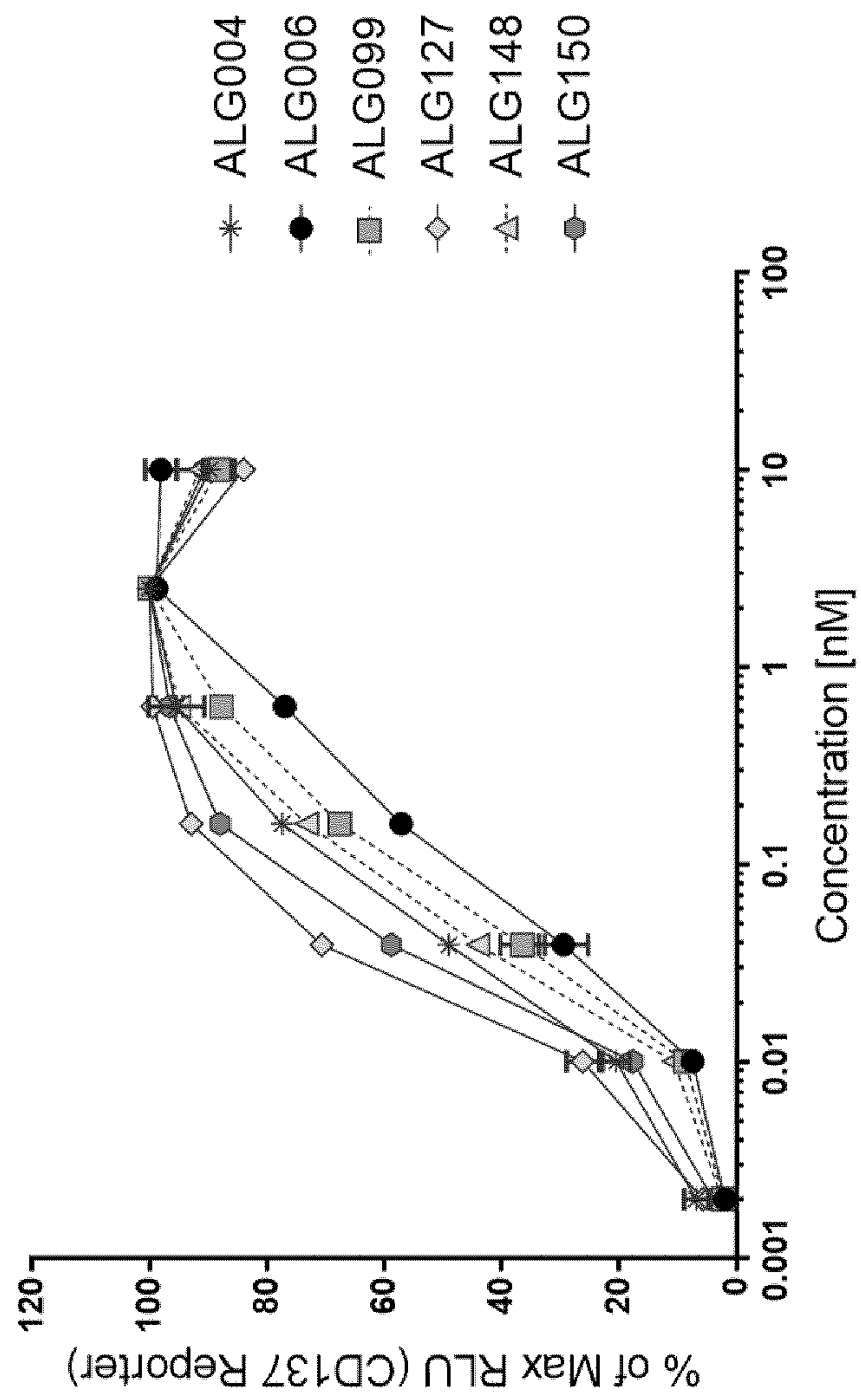


FIG. 1

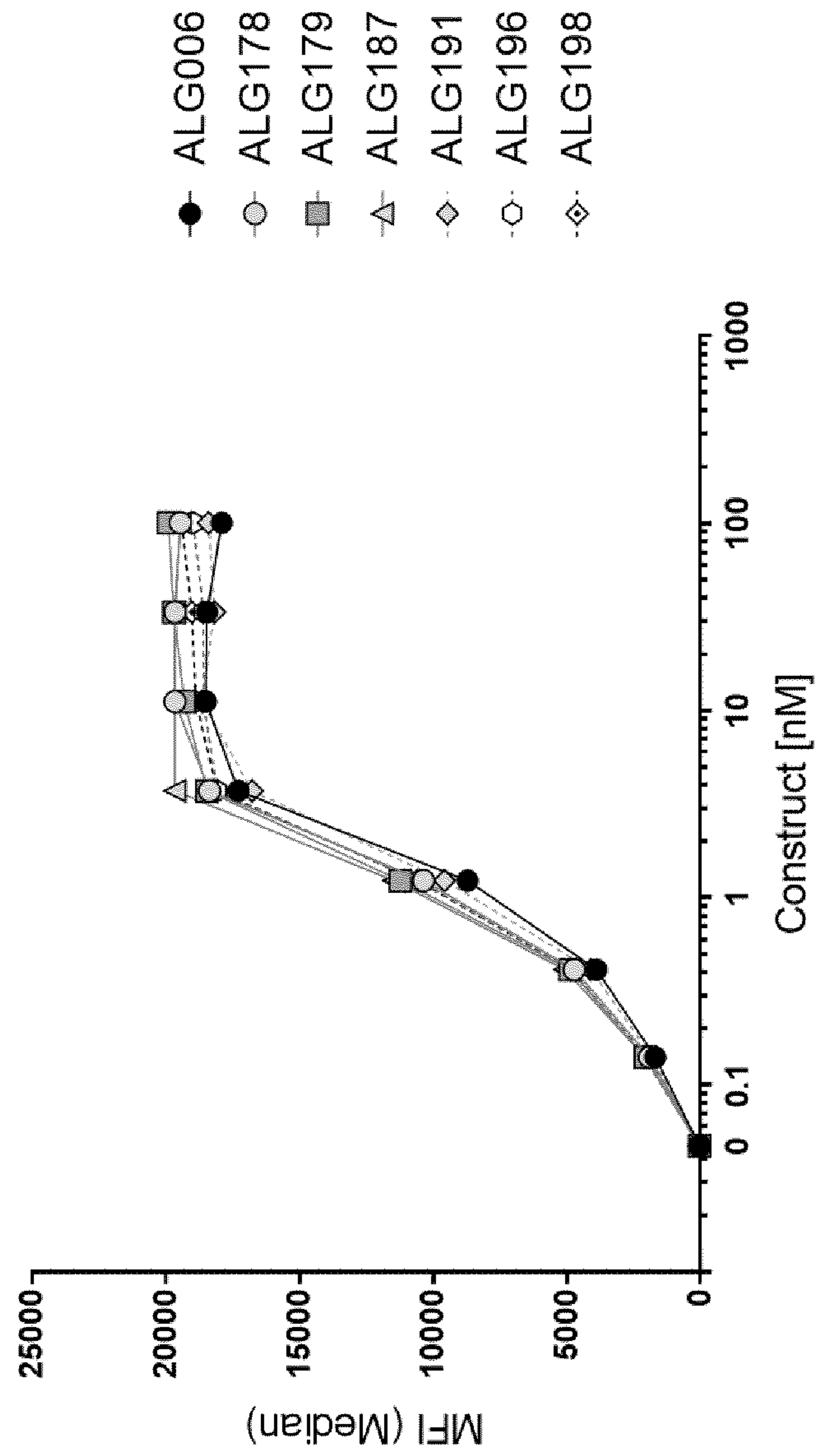
Activity of variants in reporter assay



Construct	EC ₅₀ value (pM)
ALG.APV-004	41
ALG.APV-006	119
ALG.APV-099	63
ALG.APV-127	20
ALG.APV-148	49
ALG.APV-150	29

FIG. 2

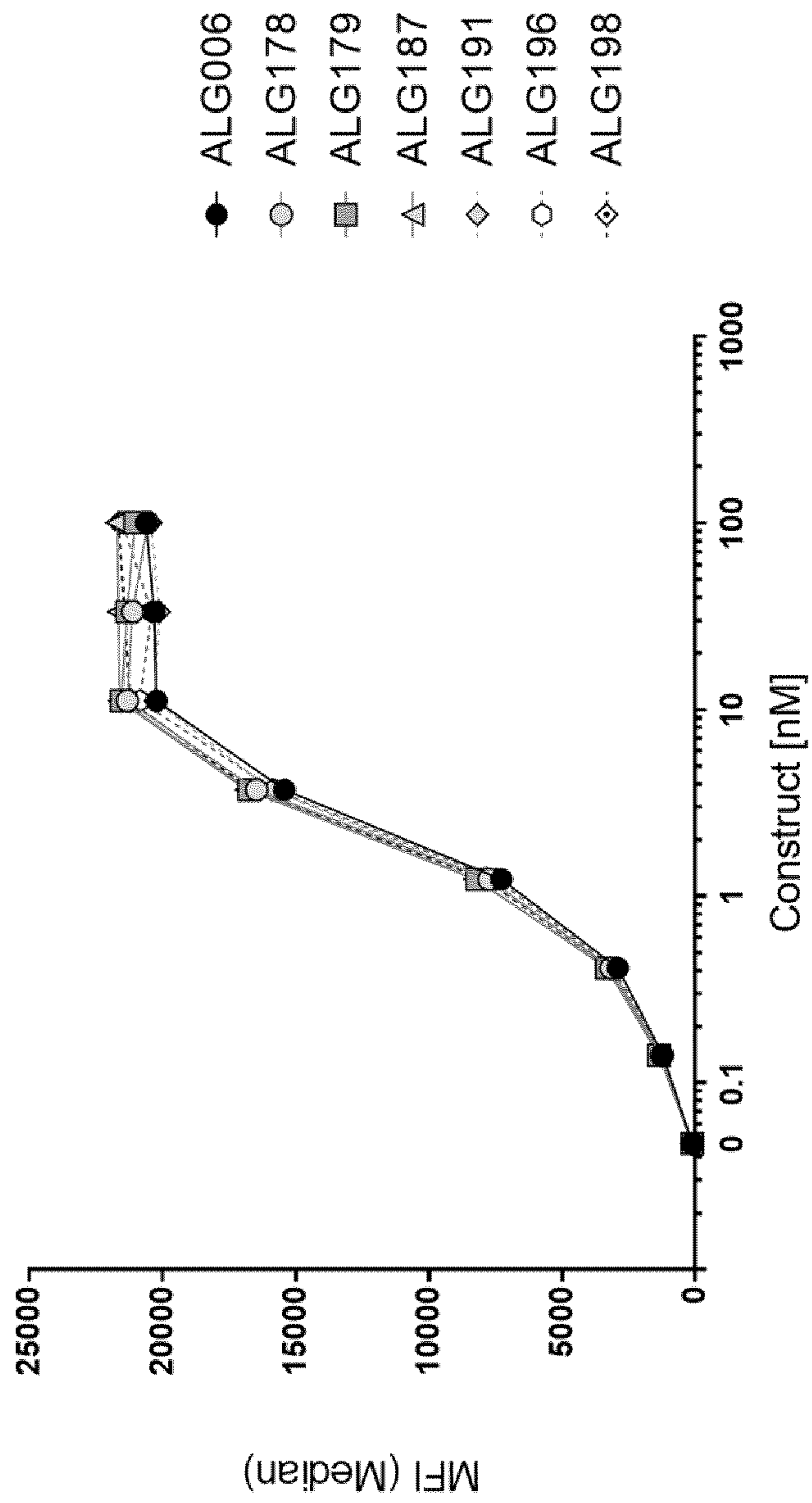
Binding of anti-CD137 x anti-5T4 bispecific constructs to CHO-K1/human CD137 Cells



Construct	EC ₅₀ value (nM)
ALG.APV-006	1.2
ALG.APV-178	1.0
ALG.APV-179	0.9
ALG.APV-187	0.9
ALG.APV-191	1.1
ALG.APV-196	0.9
ALG.APV-198	1.0

FIG. 3

Binding of anti-CD137 x anti-5T4 bispecific construct to CHO-K1 / cynomolgus CD137 cells



Construct	EC ₅₀ value (nM)
ALG.APV-006	1.8
ALG.APV-178	1.7
ALG.APV-179	1.7
ALG.APV-187	1.7
ALG.APV-191	1.7
ALG.APV-196	1.8
ALG.APV-198	1.8

FIG. 4

Binding of anti-CD137 x anti-5T4 bispecific constructs to CHO-K1 / human 5T4 cells

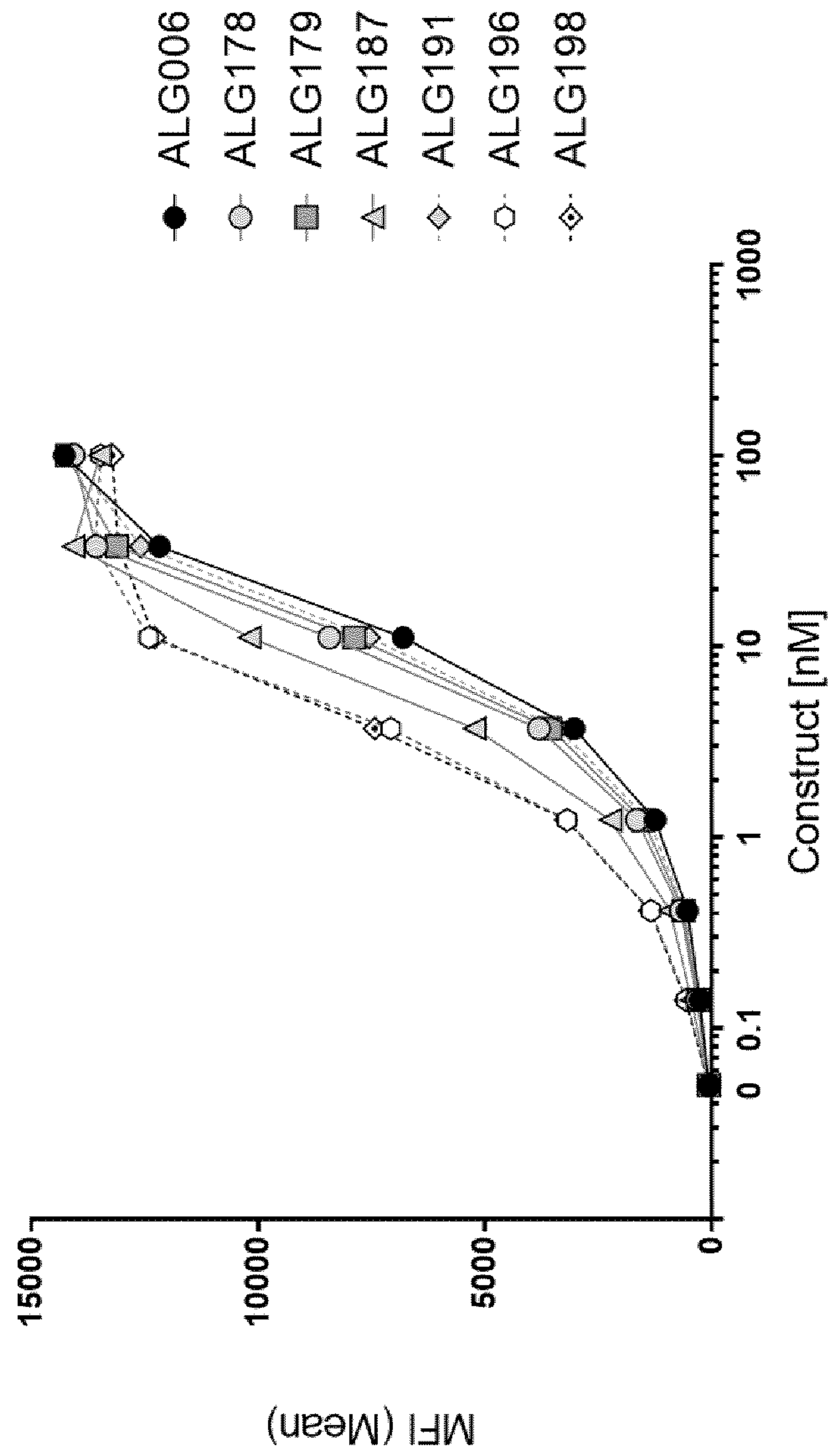


FIG. 5

Relative levels of human 5T4 expression
on cell lines

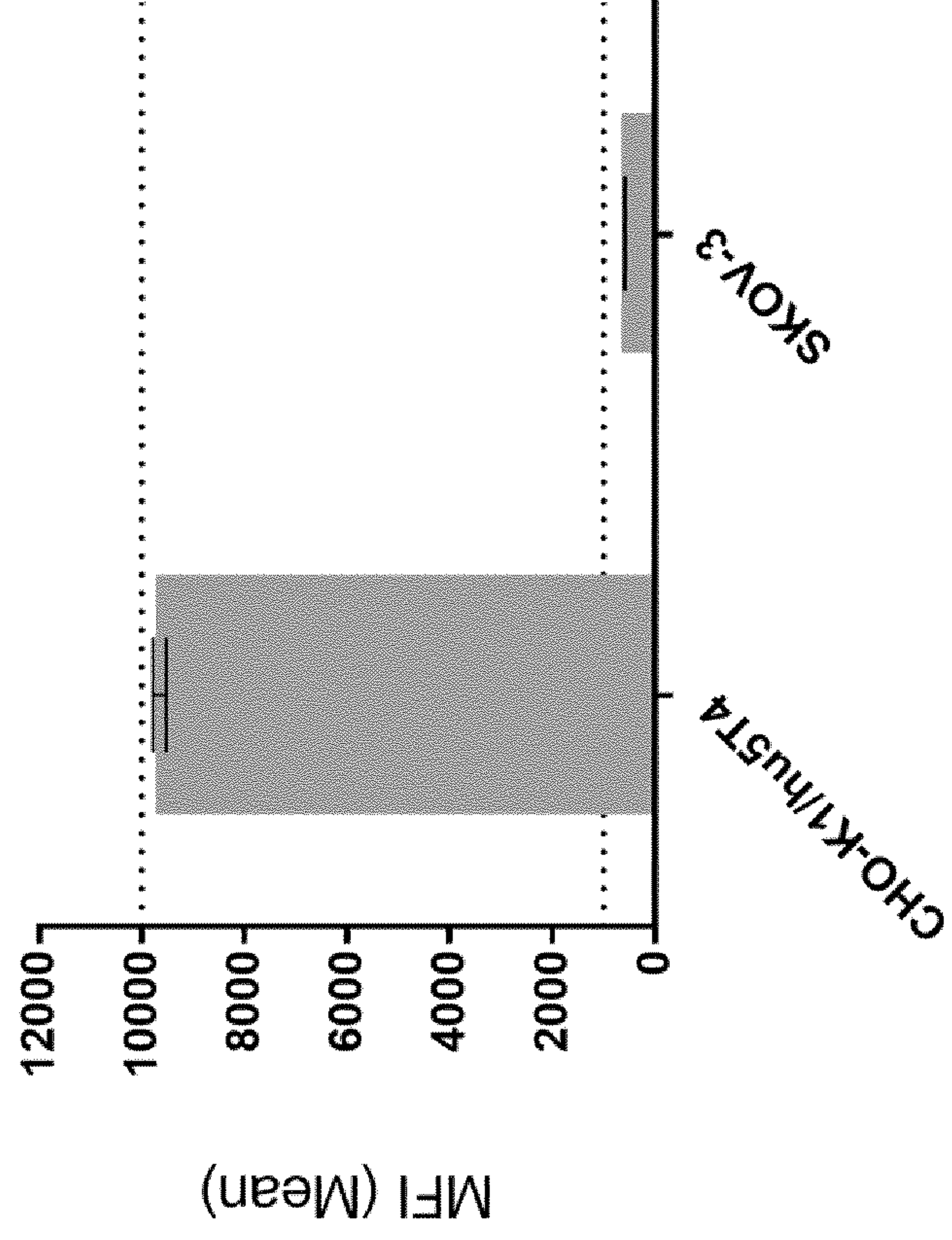


FIG. 6

Binding of anti-CD137 x anti-5T4 constructs
to SKOV-3 cells

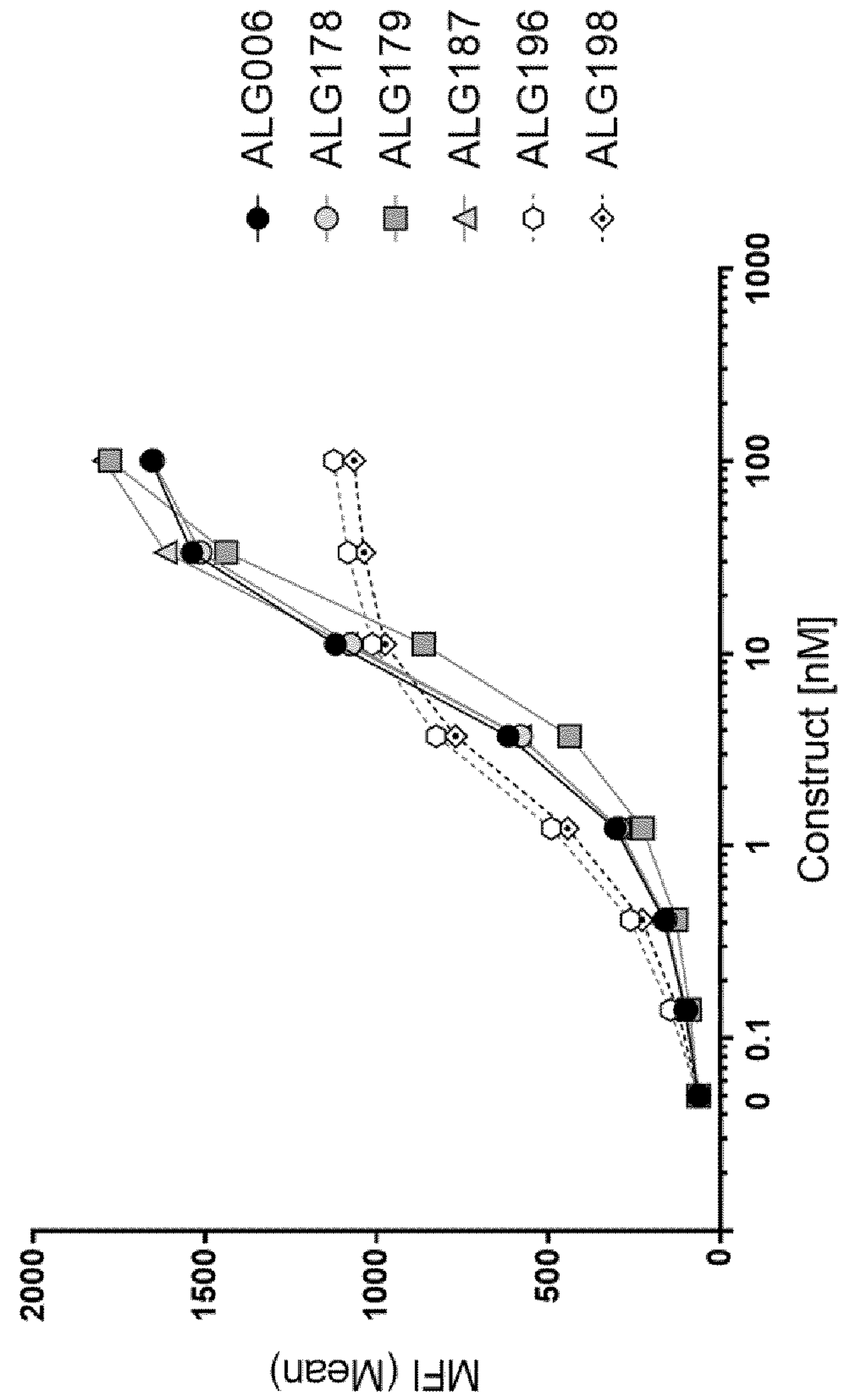
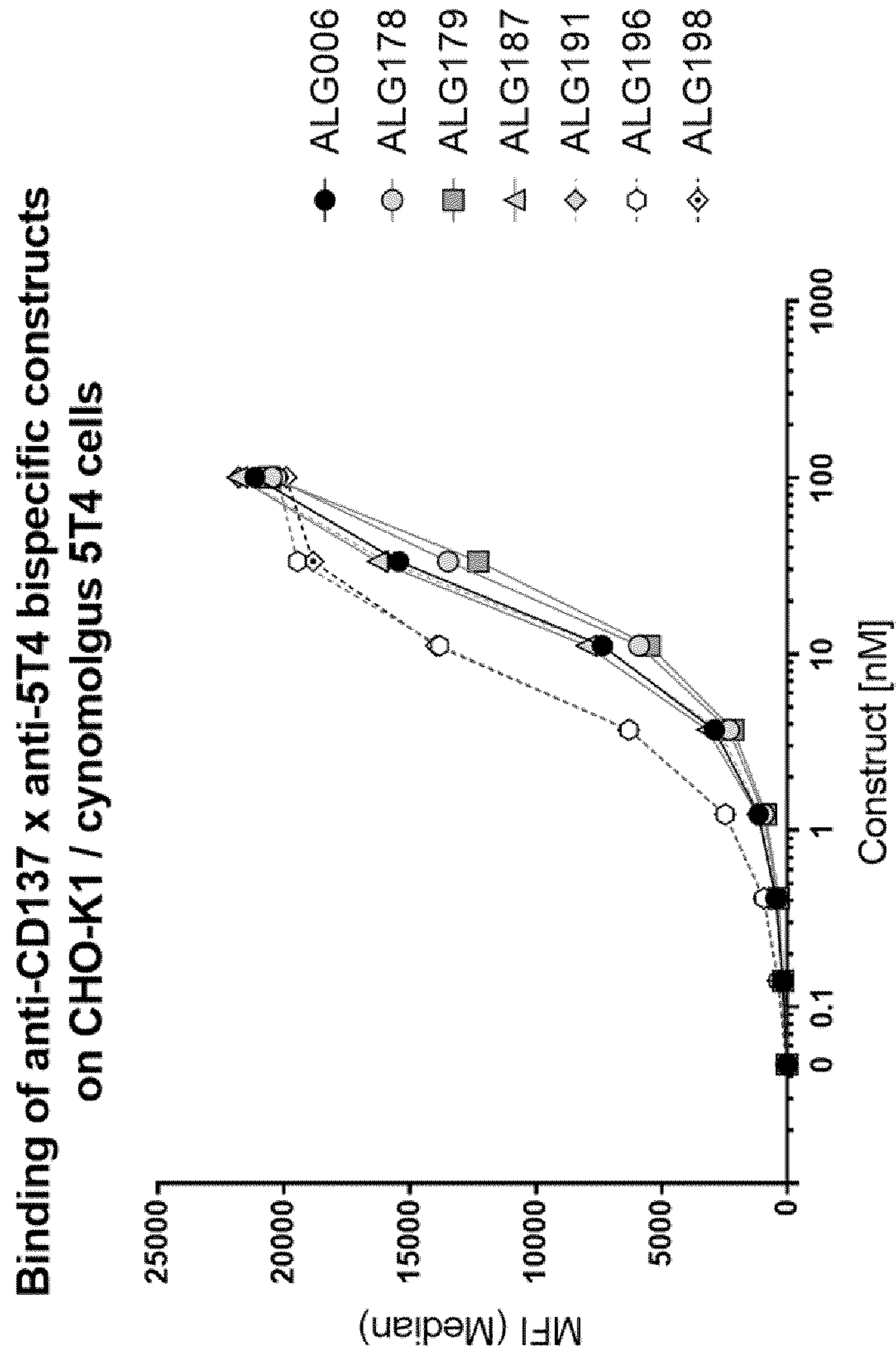


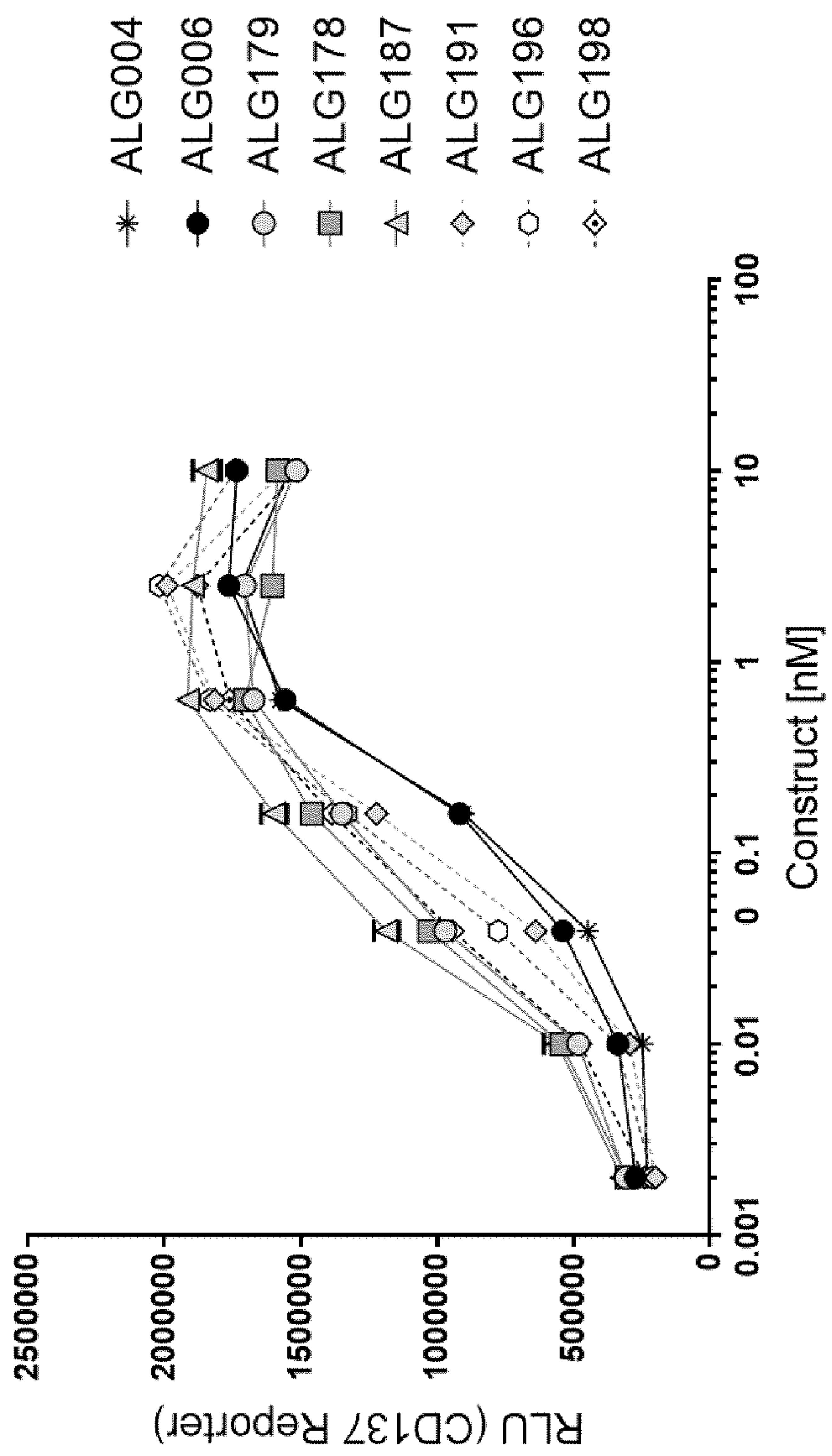
FIG. 7



Construct	EC ₅₀ value (nM)	Maximum MFI
ALG.APV-006	22	24810
ALG.APV-178	32	26076
ALG.APV-179	51	31075
ALG.APV-187	21	25385
ALG.APV-191	22	25087
ALG.APV-196	7	21120
ALG.APV-198	7	20561

FIG. 8

Activity of anti-CD137 x anti-5T4 constructs in CD137 reporter assay with HCC1143 target cells



Construct	EC ₅₀ value (pM)
ALG.APV-004	171
ALG.APV-006	189
ALG.APV-178	32
ALG.APV-179	40
ALG.APV-187	33
ALG.APV-191	92
ALG.APV-196	76
ALG.APV-198	42

FIG. 9

IFN- γ release induced by anti-CD137 x anti-5T4 bispecific constructs
in PBMC cultures with CHO-K1 /human cells

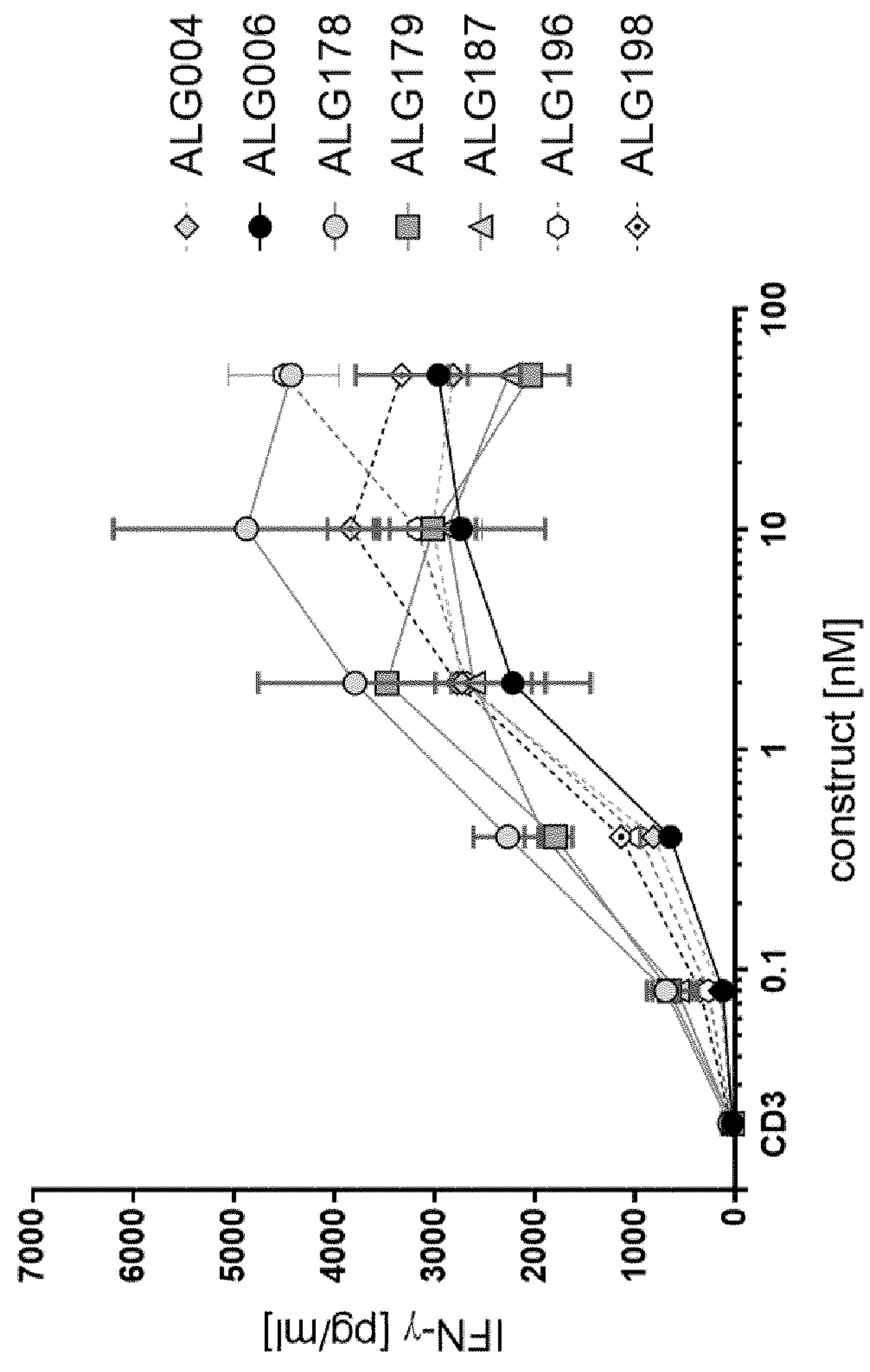


FIG. 10

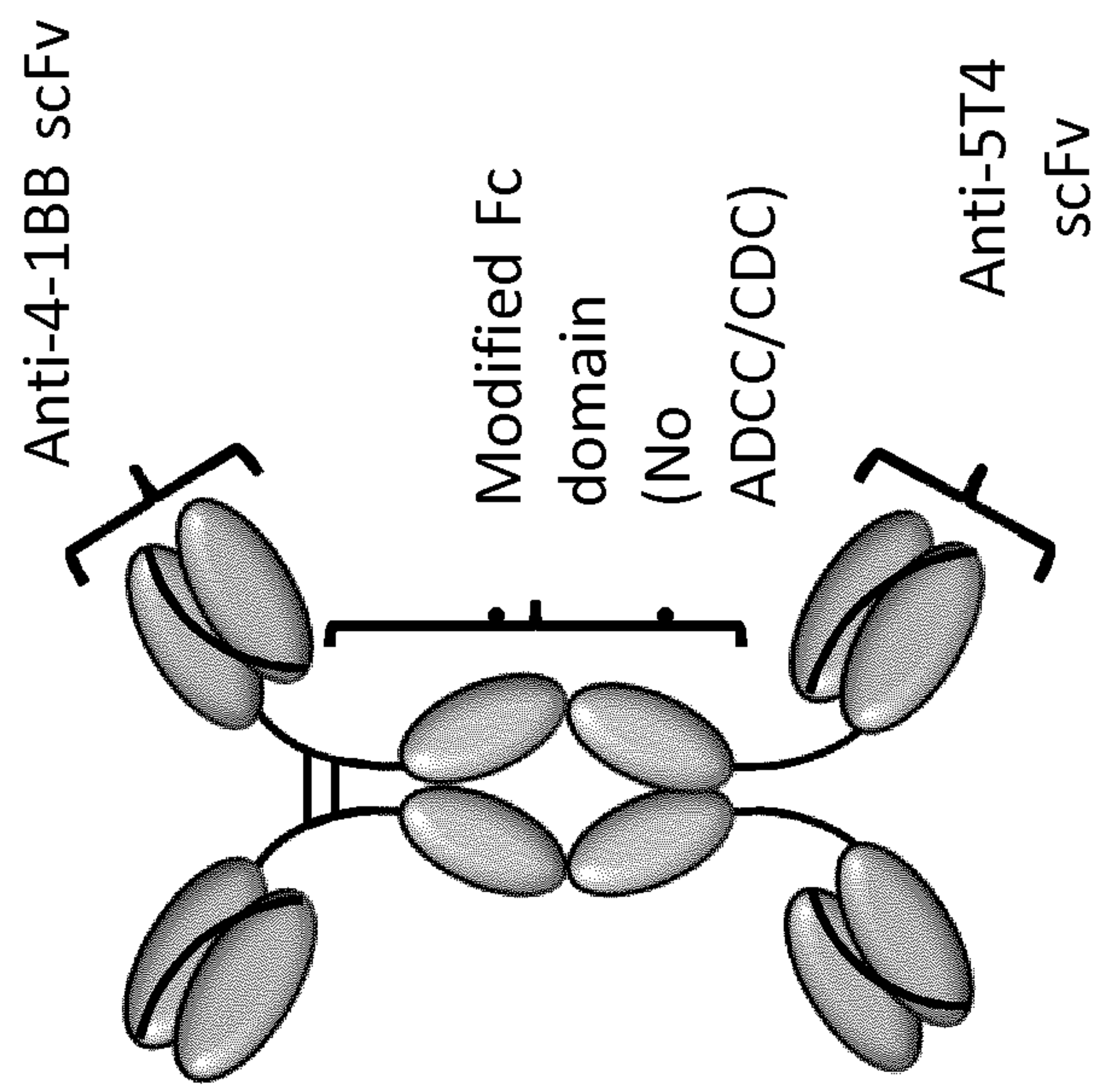


FIG. 11A

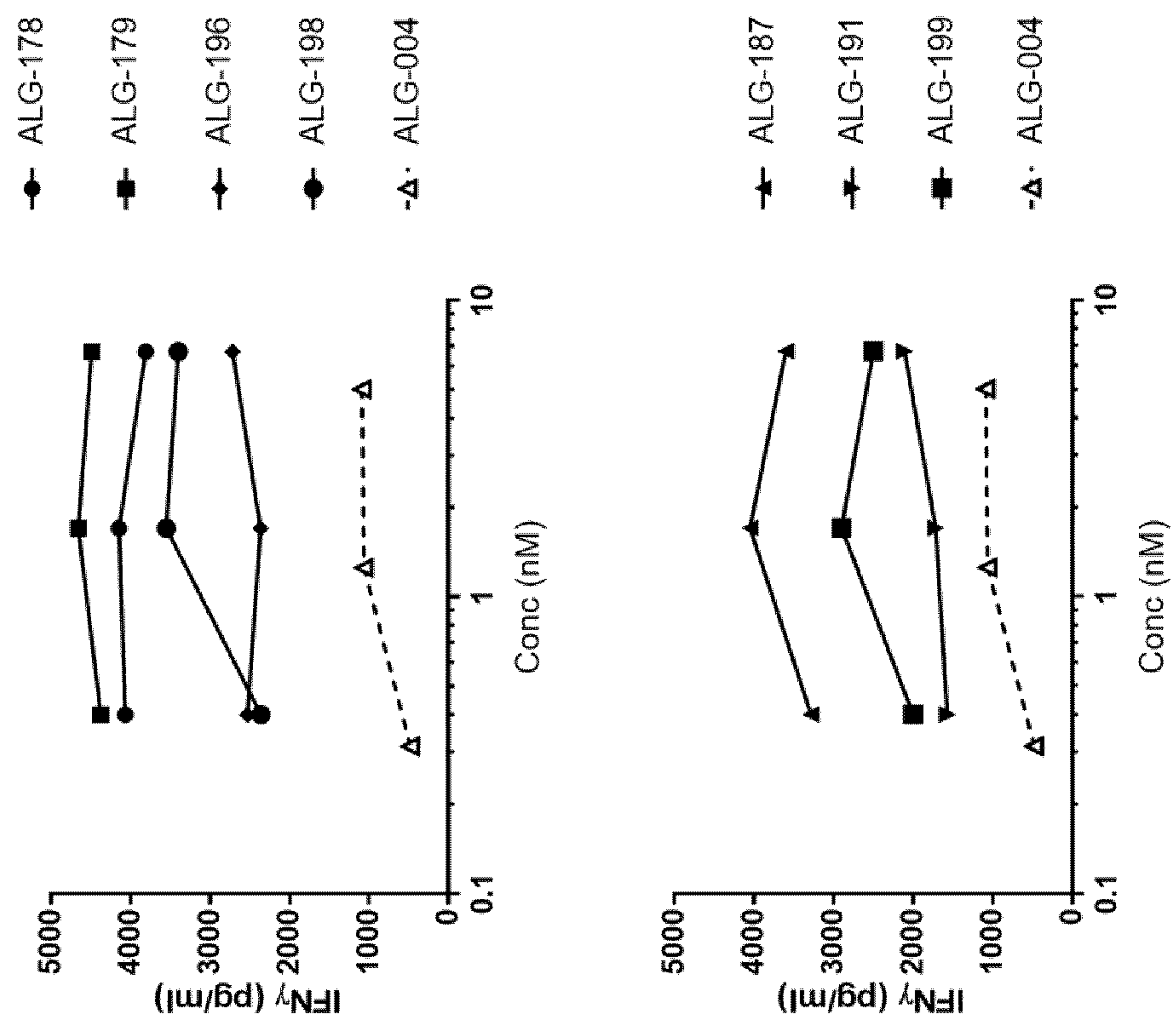


FIG. 11B

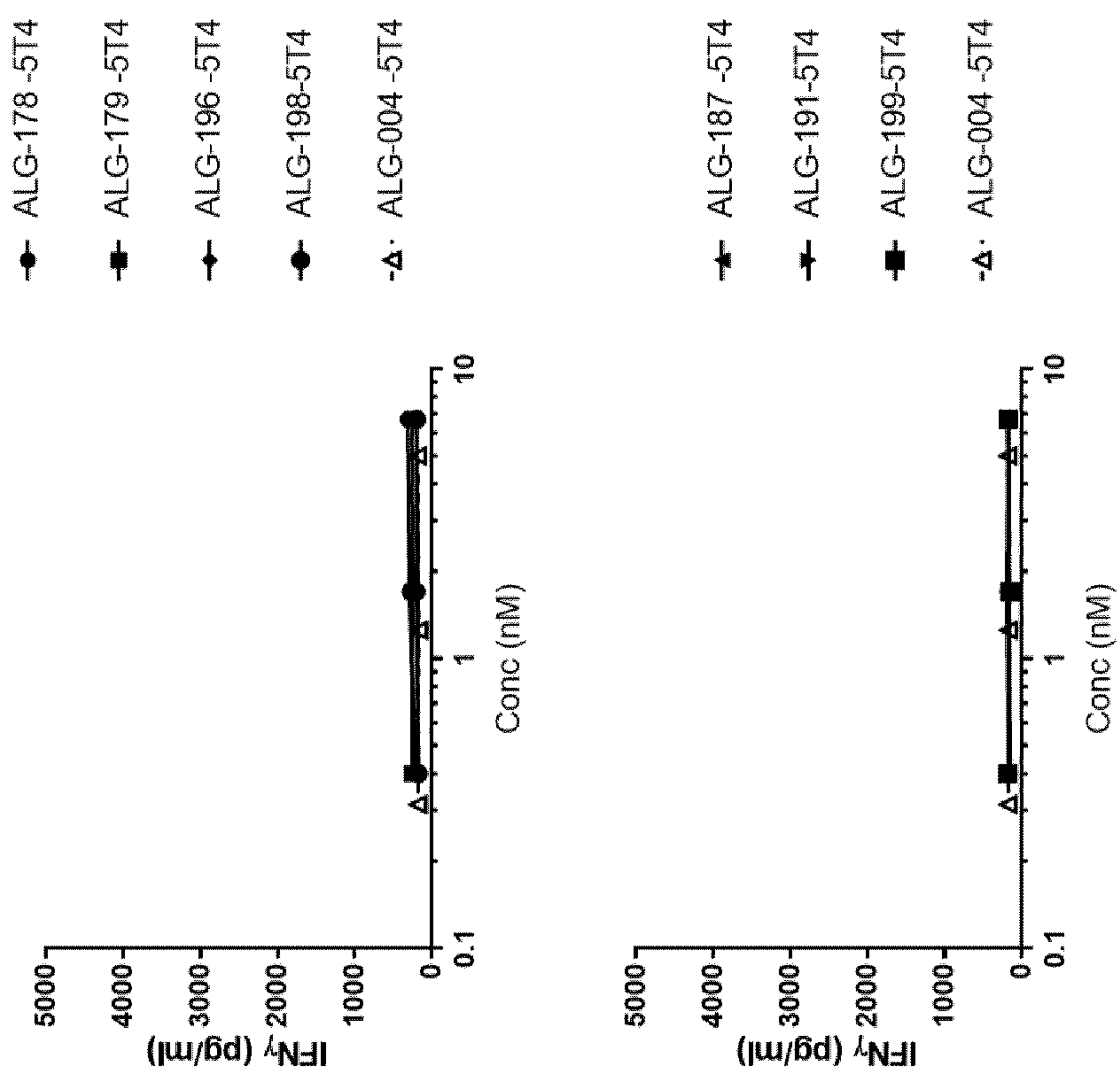


FIG. 12

Binding of anti-CD137 x anti-5T4 bispecific construct to CHO-K1 / human CD137 cells

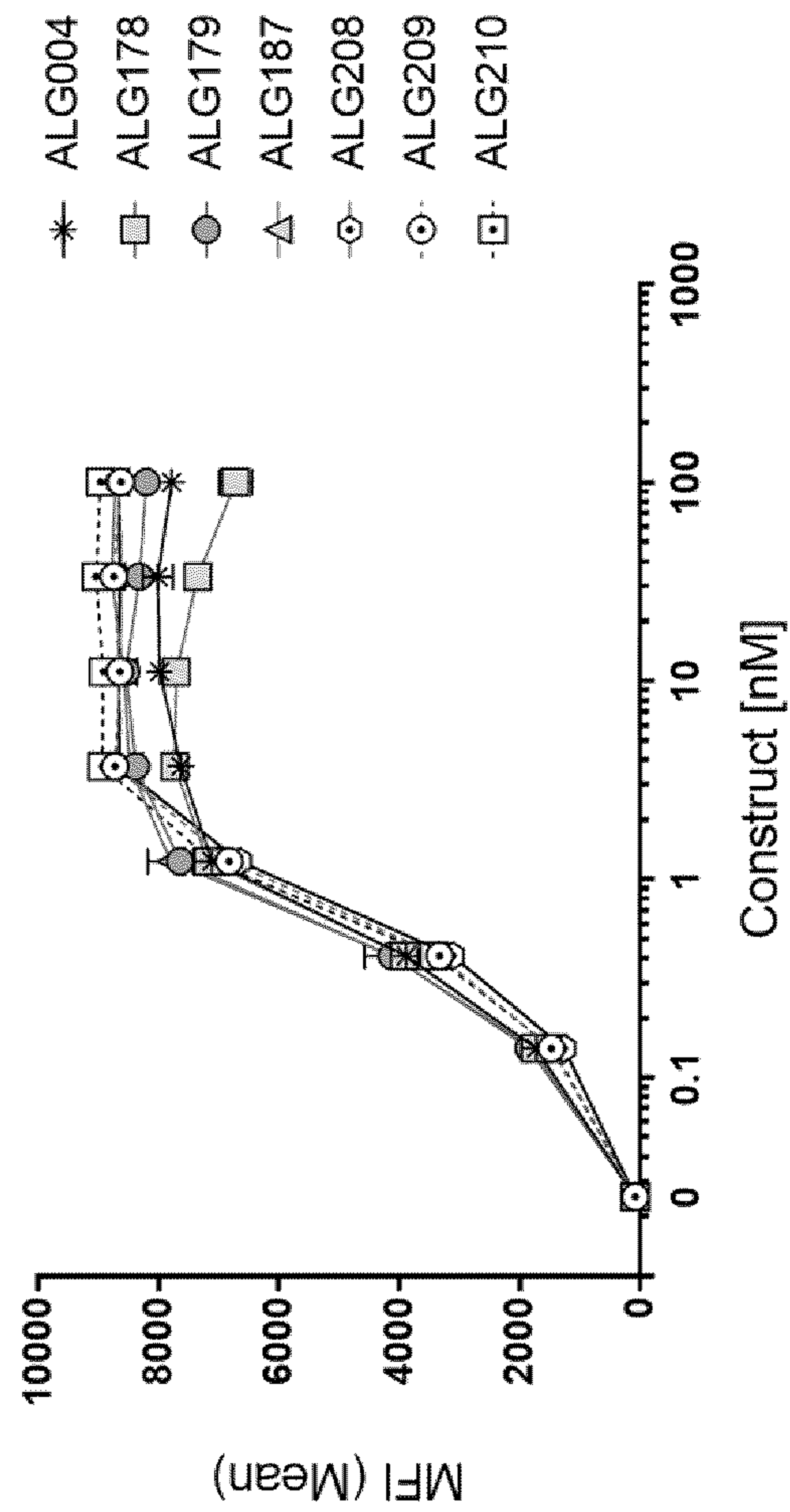
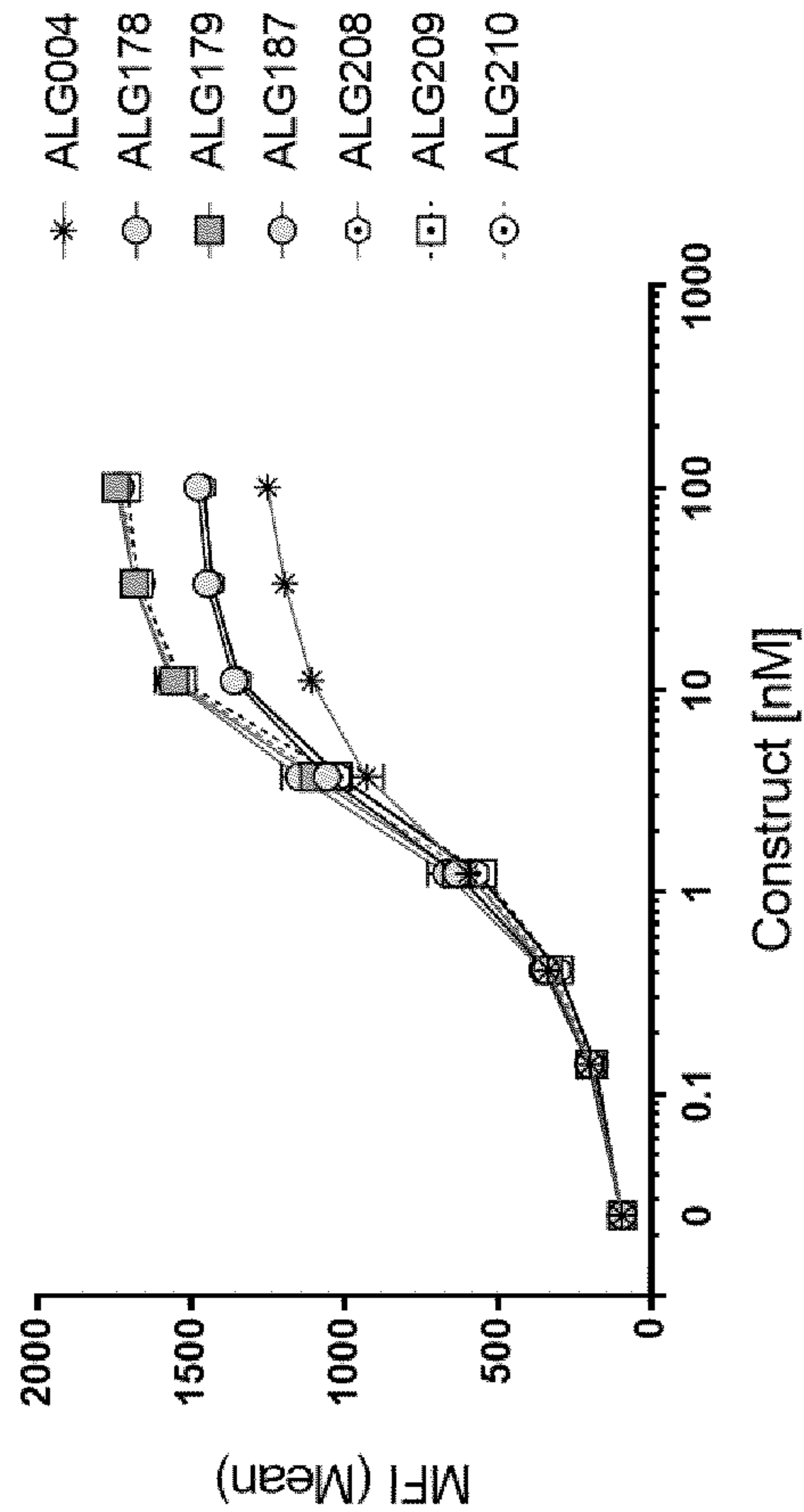


FIG. 13

Binding of anti-CD137 x anti-5T4 bispecific constructs on CT26 human 5T4 cells



Construct	EC50 value (nM)	Maximum MFI
ALG.APV-004	1.5	1252
ALG.APV-178	1.8	1478
ALG.APV-179	2.5	1745
ALG.APV-187	2.2	1732
ALG.APV-208	2.1	1459
ALG.APV-209	2.9	1711
ALG.APV-210	2.7	1733

FIG. 14

Binding of anti-CD137 x anti-5T4 bispecific constructs to CHO-K1 / cynomolgus 5T4 cells

Construct	EC50 value (nM)	Maximum MFI
ALG.APV-004	6.5	26580
ALG.APV-178	9.5	26675
ALG.APV-179	10.1	26834
ALG.APV-187	8.5	25958
ALG.APV-208	7.4	24943
ALG.APV-209	8.9	25431
ALG.APV-210	7.2	23799

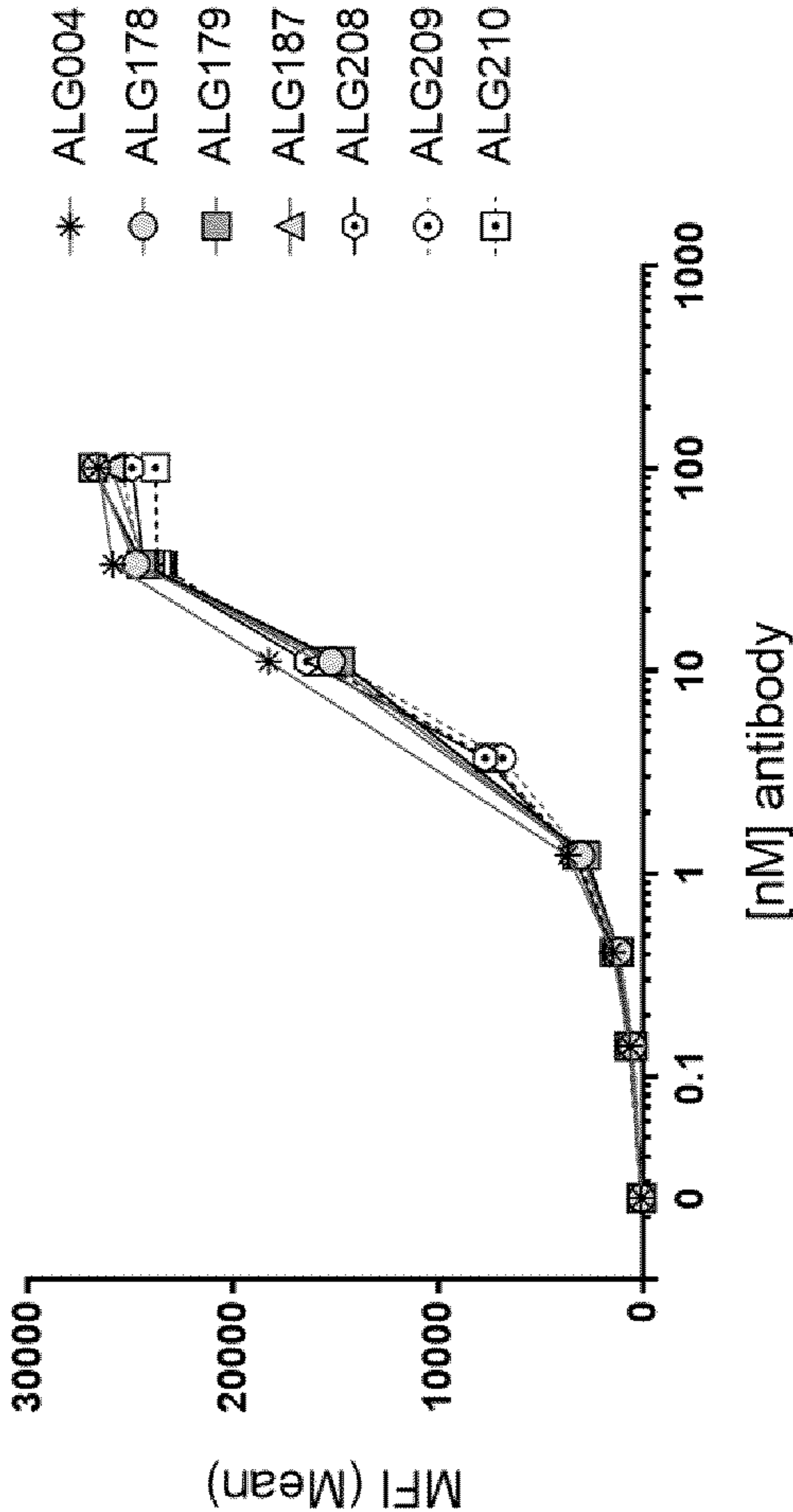


FIG. 15

Binding of anti-CD137 x anti-5T4 bispecific
construct to MOLM 13

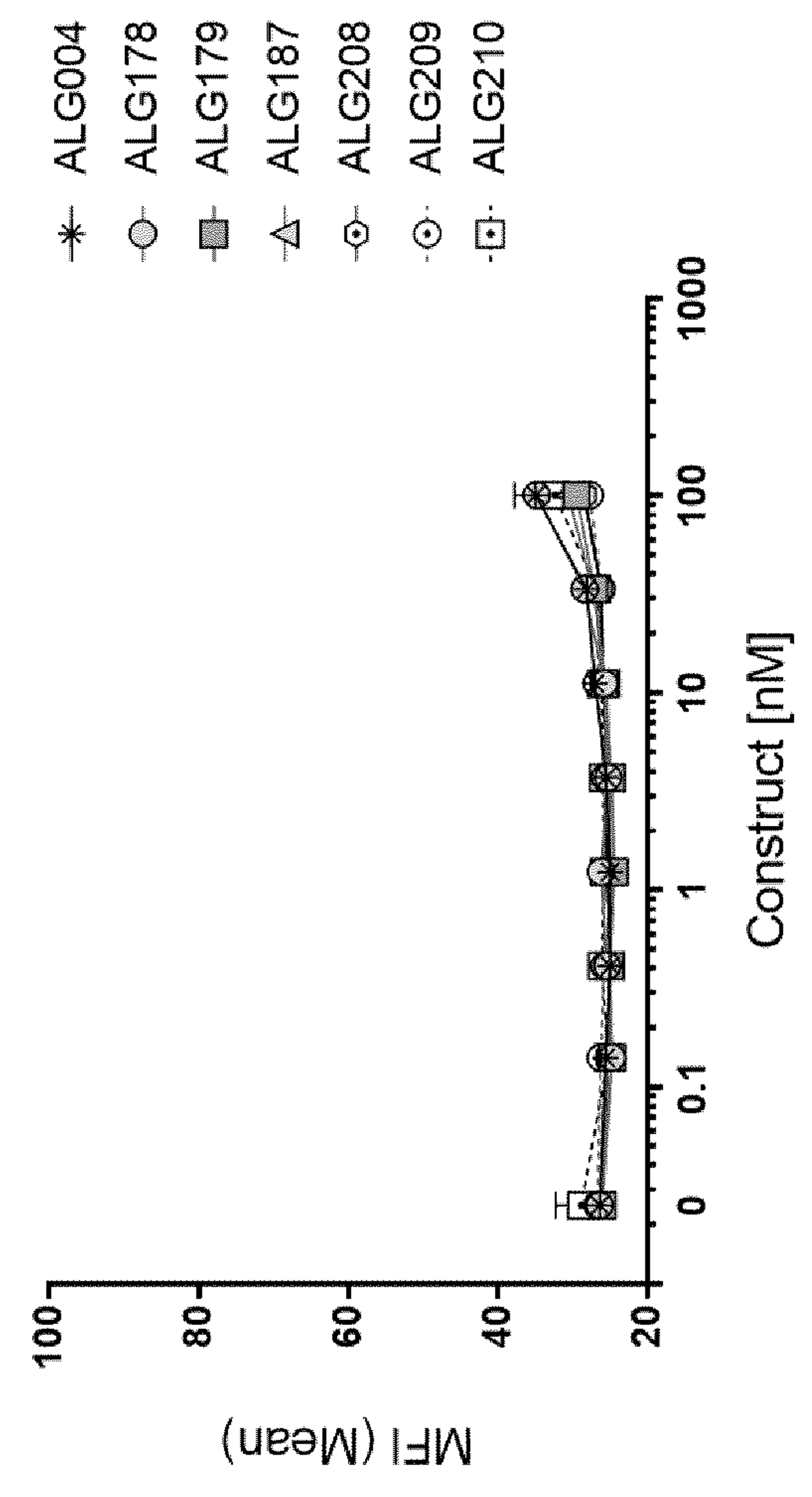


FIG. 16A

Activity of anti-CD137 x anti-5T4 bispecific constructs in CD137 reporter assay with HCC1143 target cells

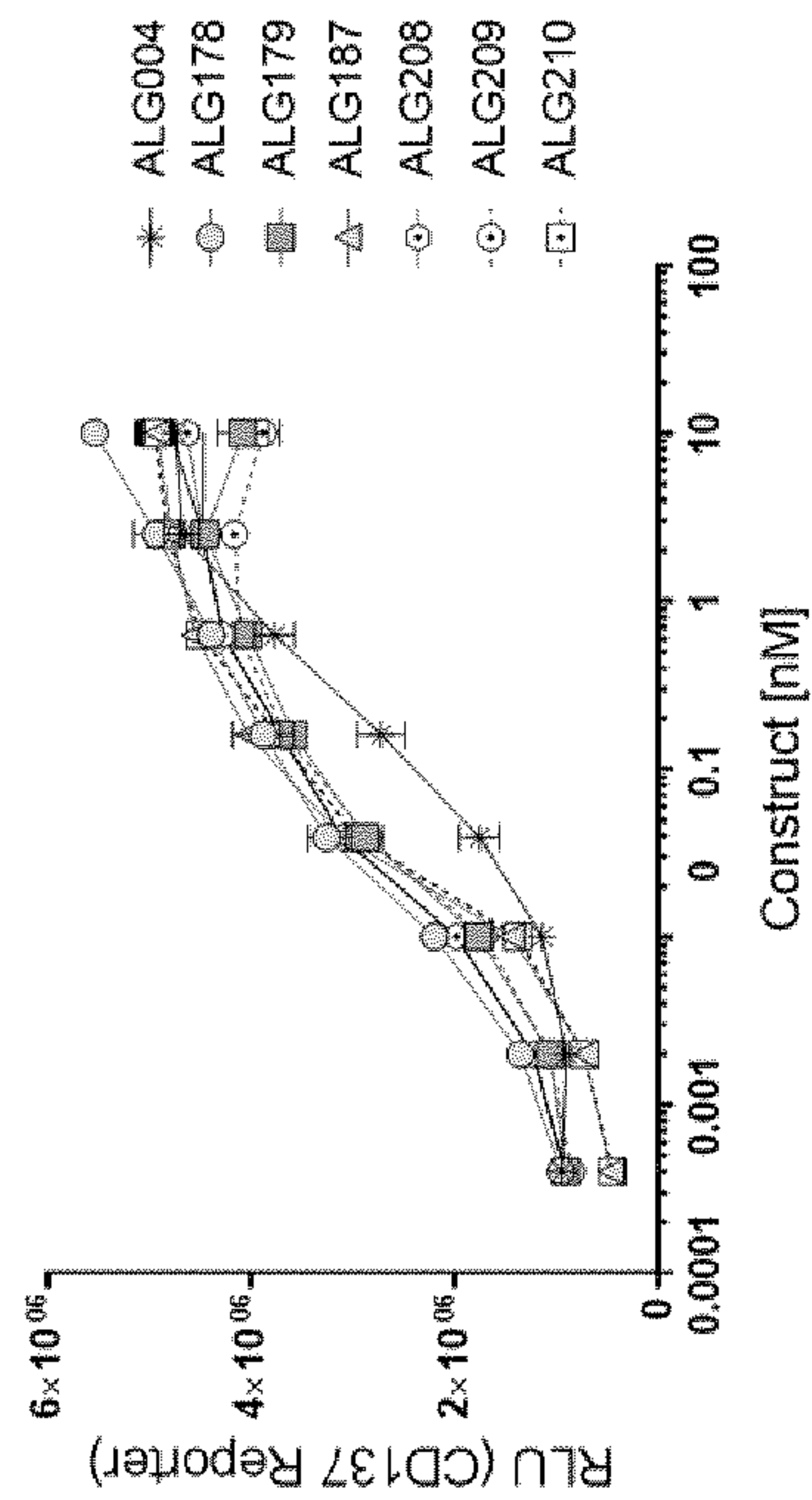
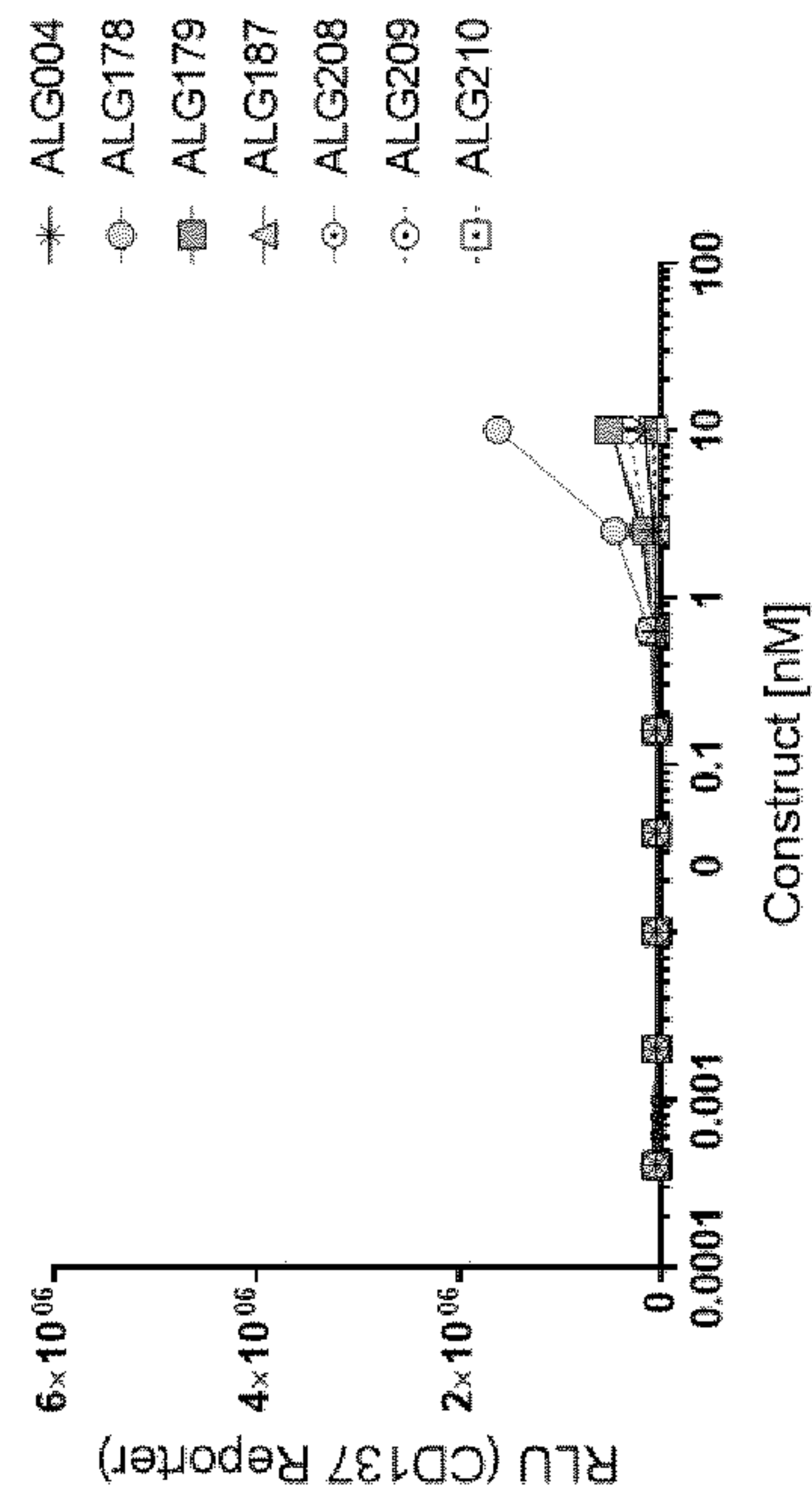


FIG. 16B

Activity of anti-CD137 x anti-5T4 bispecific constructs in CC137 reporter assay with MOLM13 control target cells



Construct	EC50 value (nM)
ALG.APV-004	0.20
ALG.APV-178	0.03
ALG.APV-208	0.02
ALG.APV-179	0.03
ALG.APV-209	0.02
ALG.APV-187	0.03
ALG.APV-210	0.03

FIG. 17

IFN- γ release induced by anti-CD137 x anti-5T4 bispecific constructs
in PBMC culture with CHO-K1/human 5T4 cells

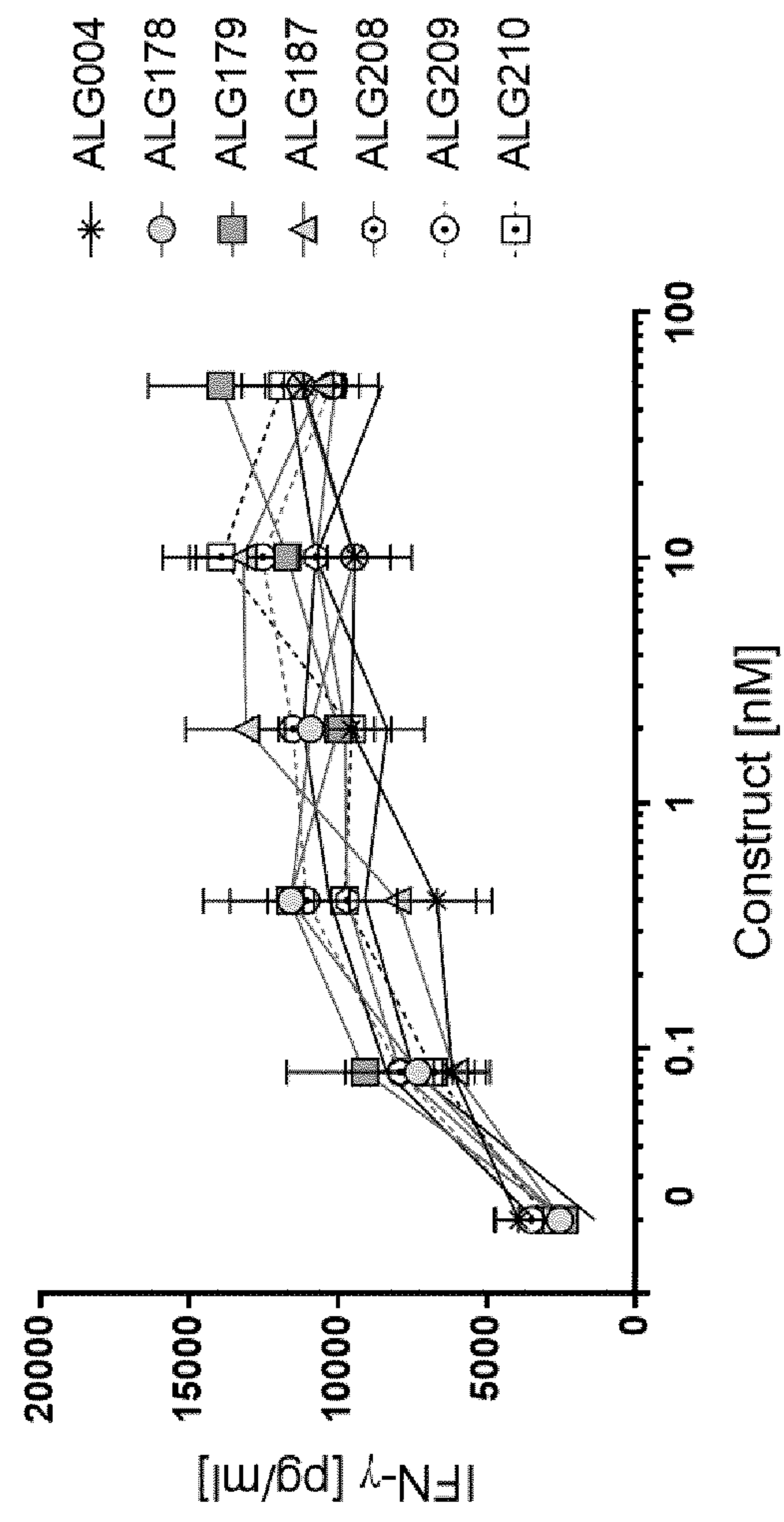


FIG. 18A

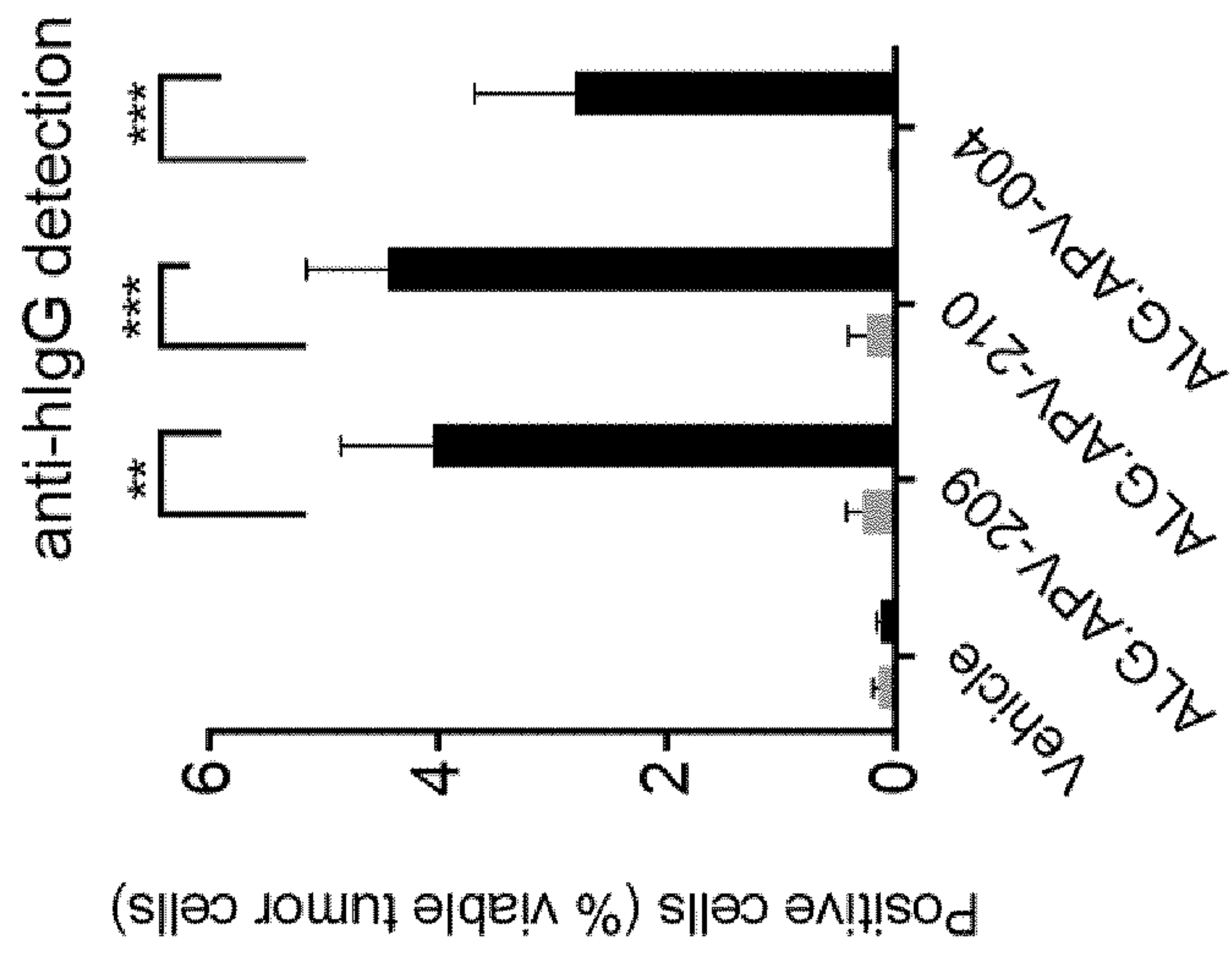


FIG. 18B

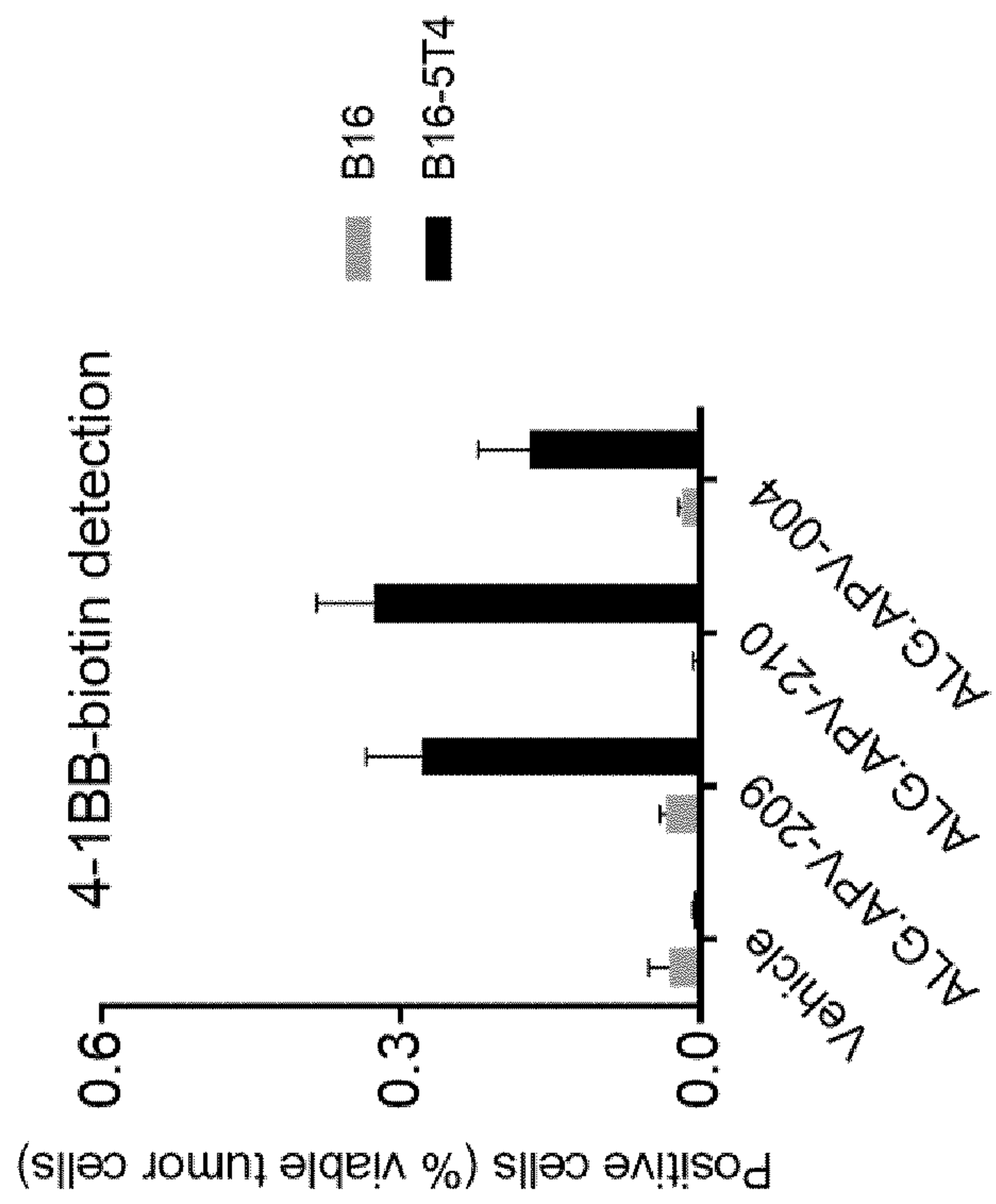


FIG. 19A

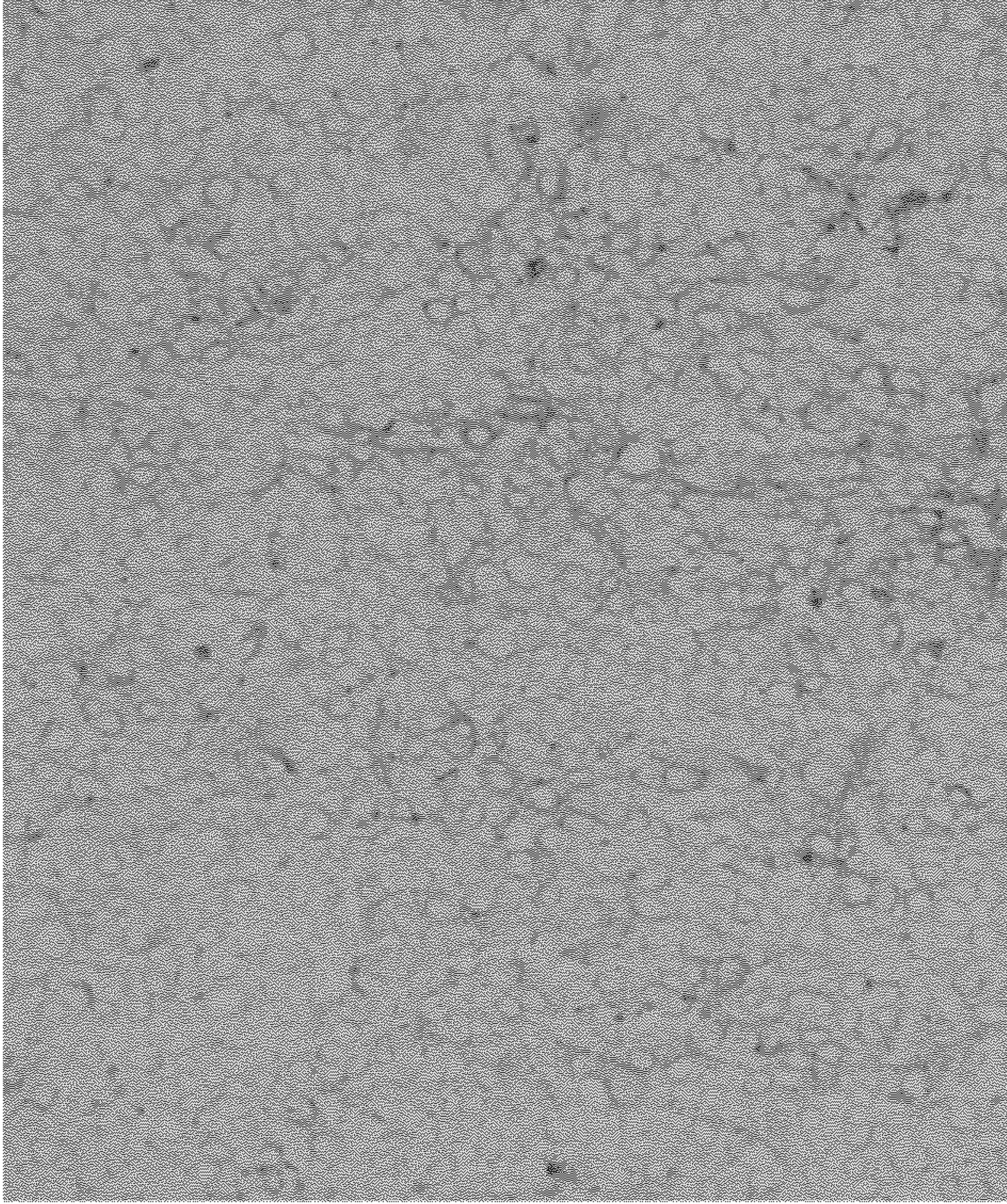


FIG. 19B

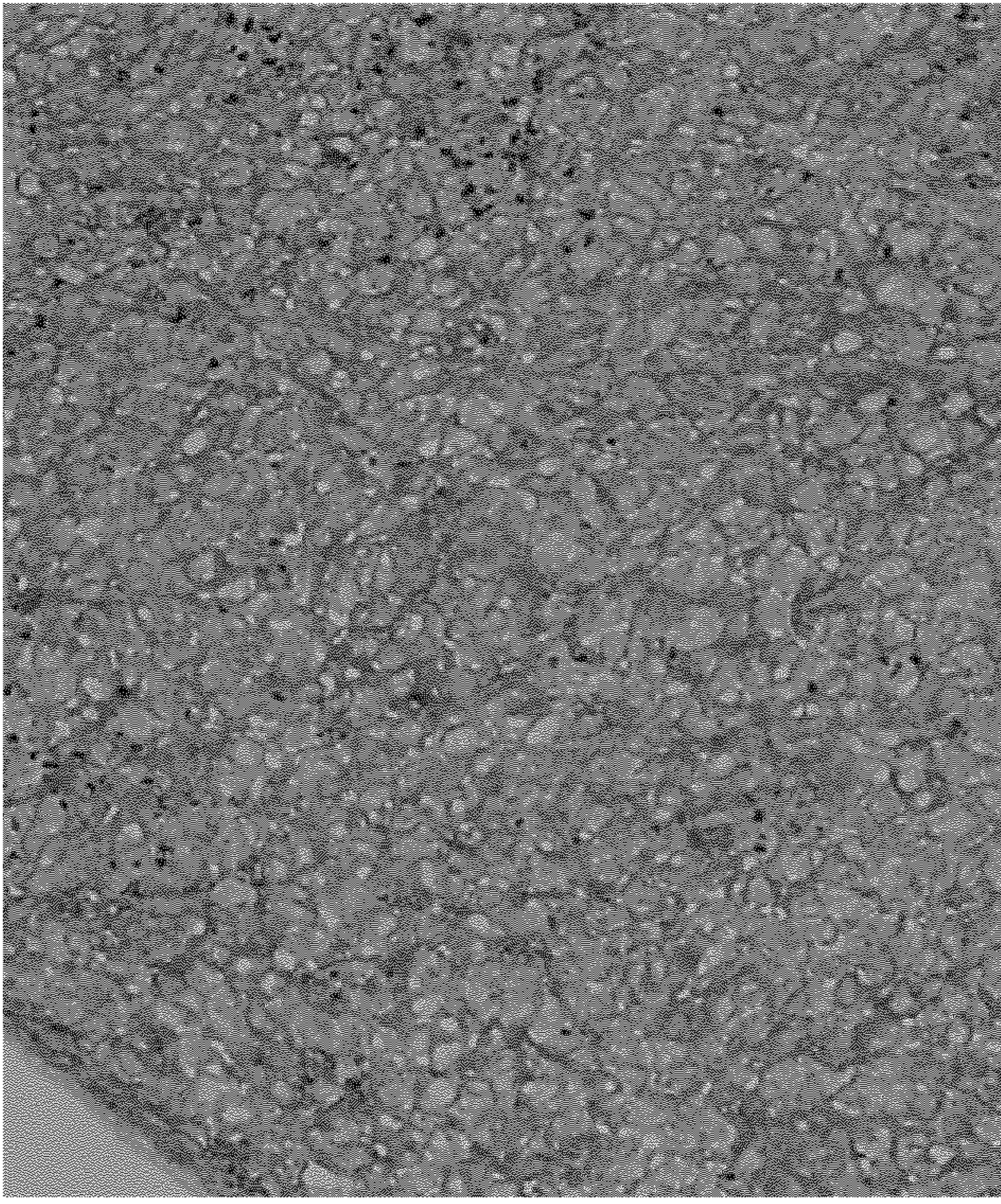


FIG. 20

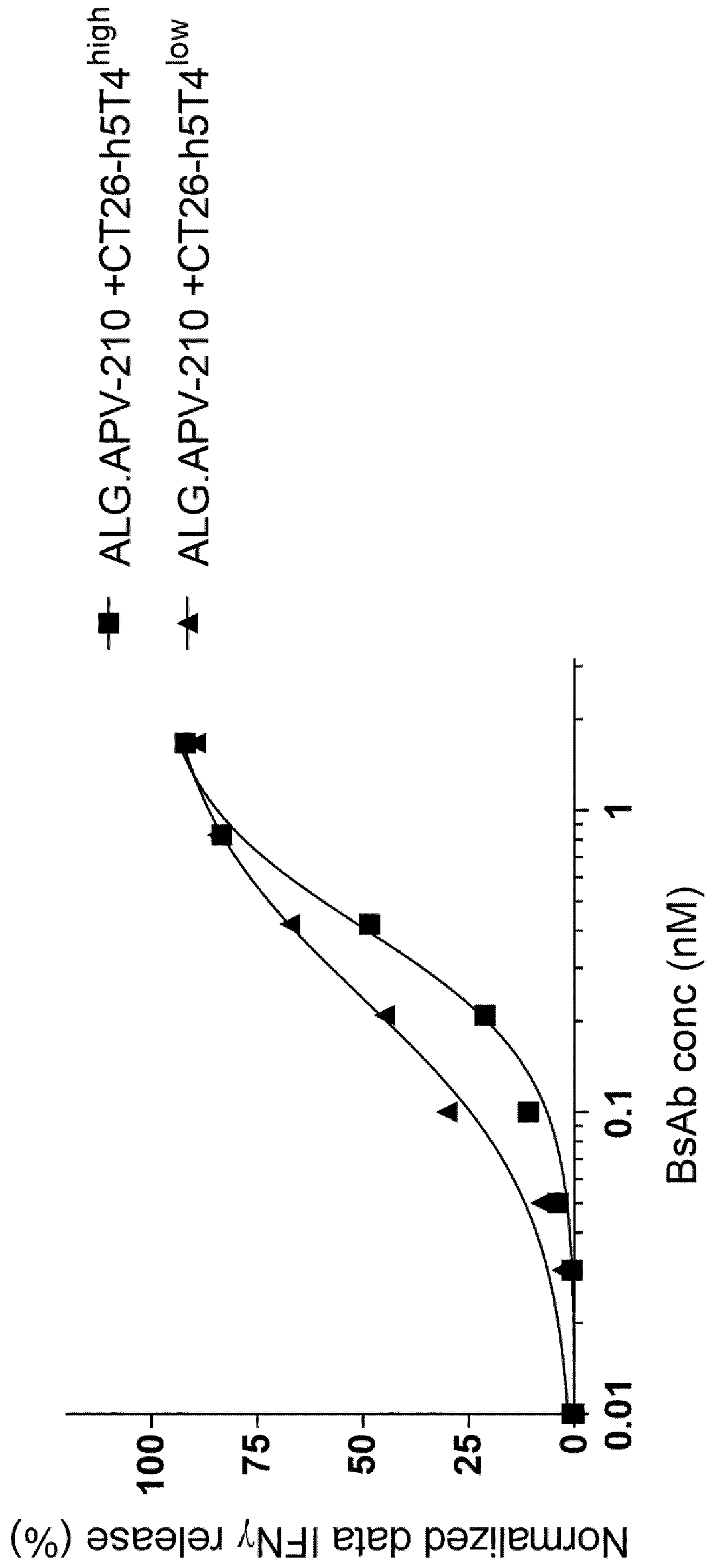


FIG. 21A

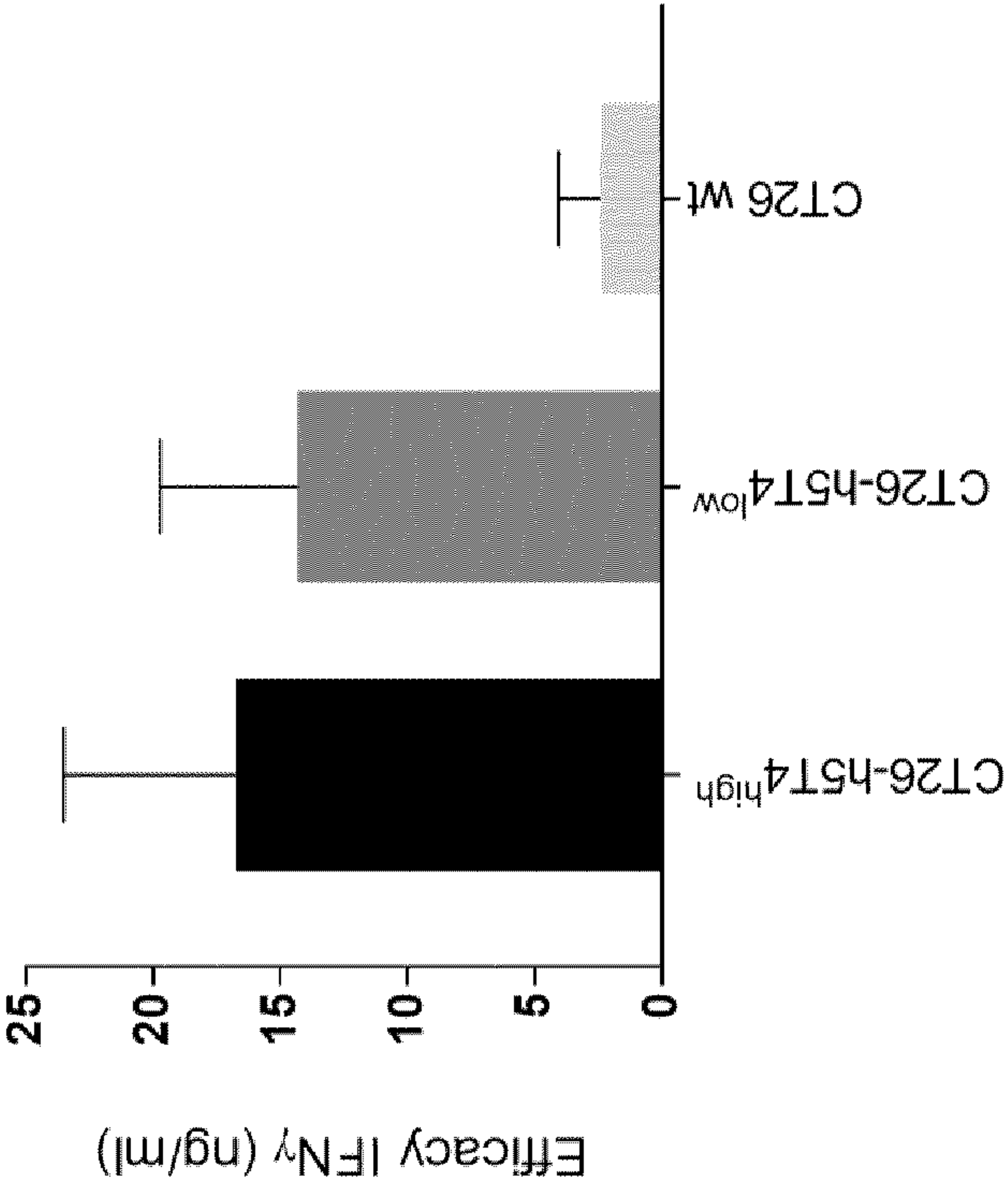


FIG. 21B

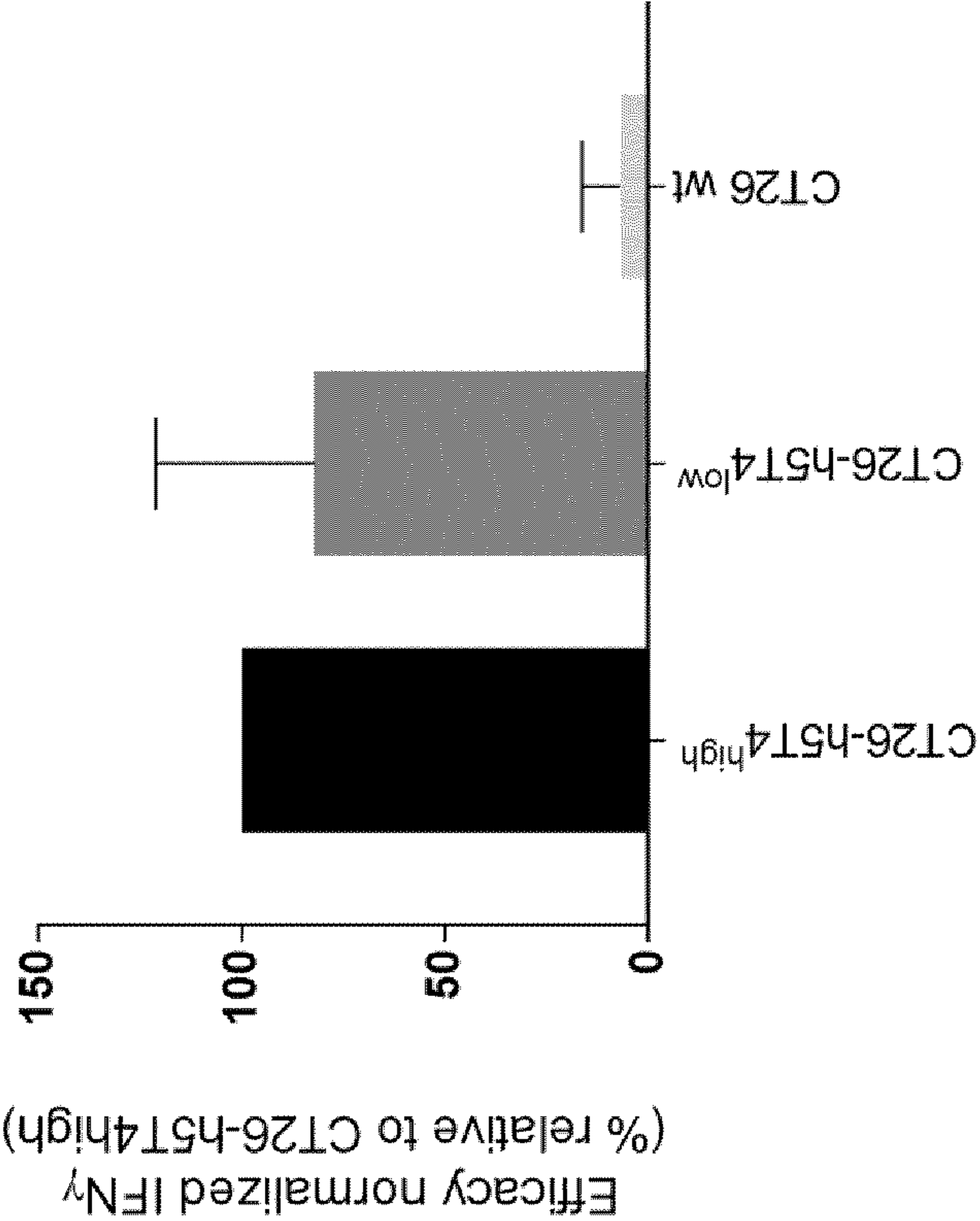


FIG. 22A

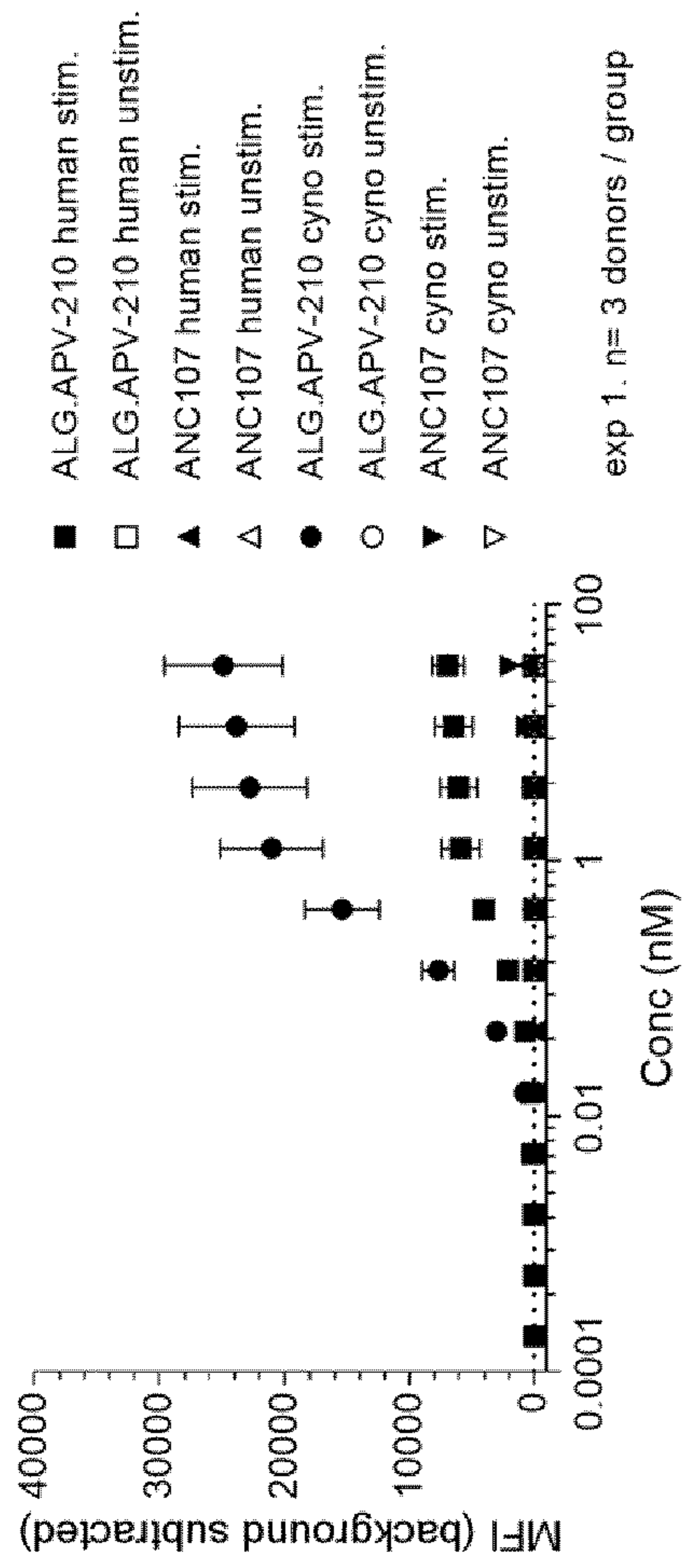


FIG. 22B

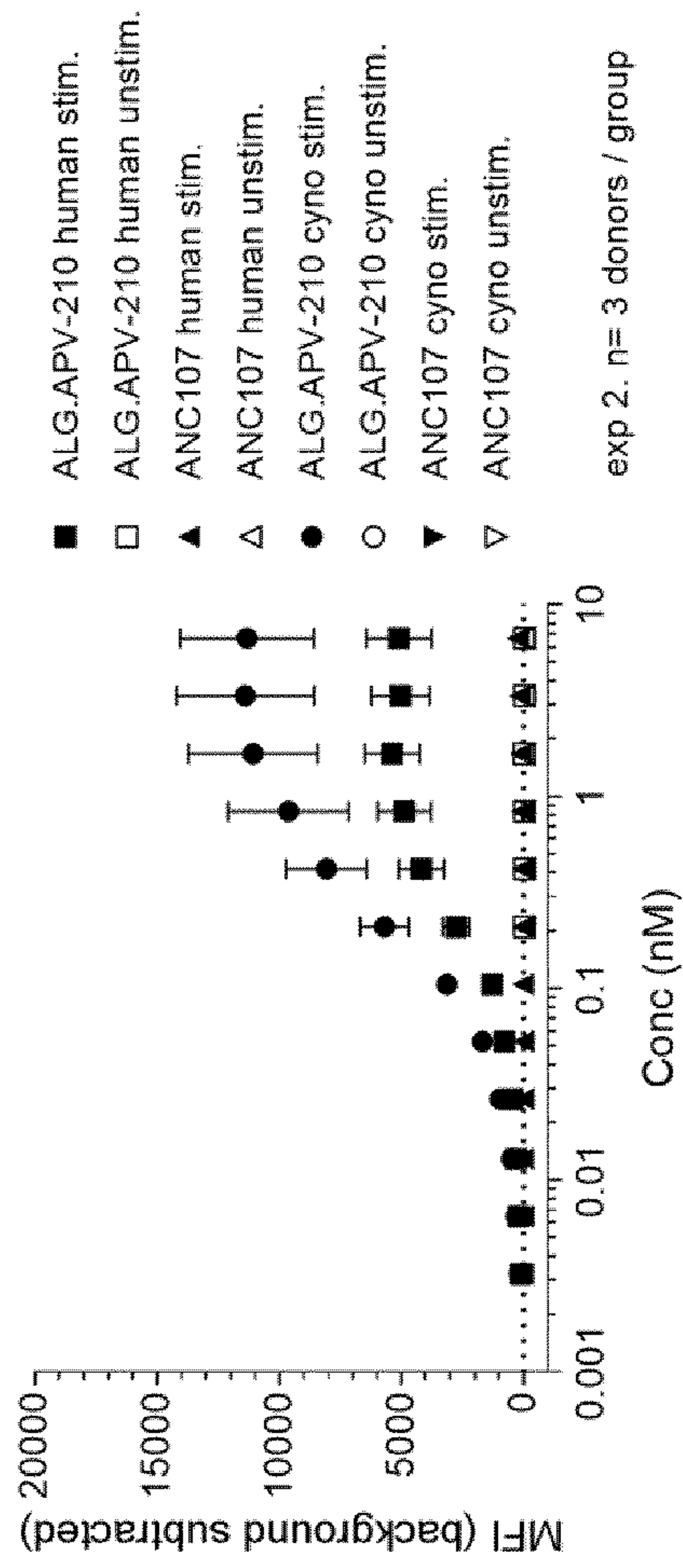


FIG. 22C

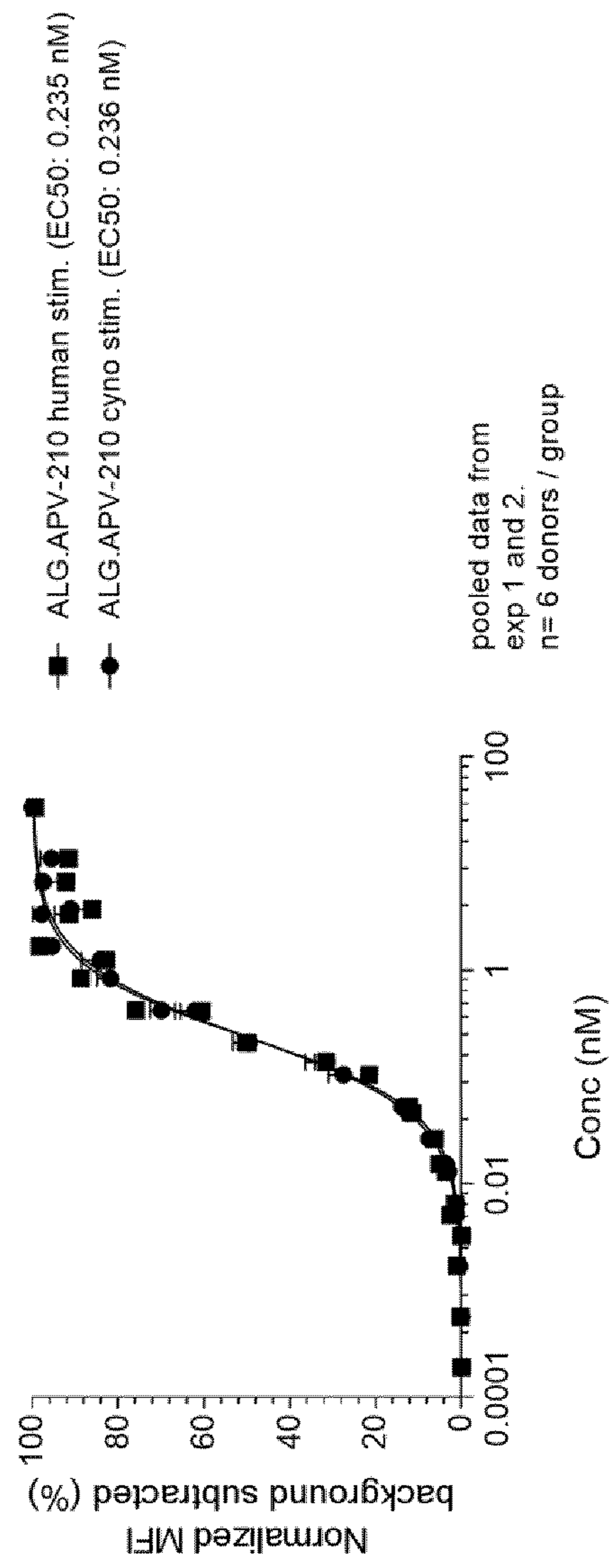


FIG. 23A

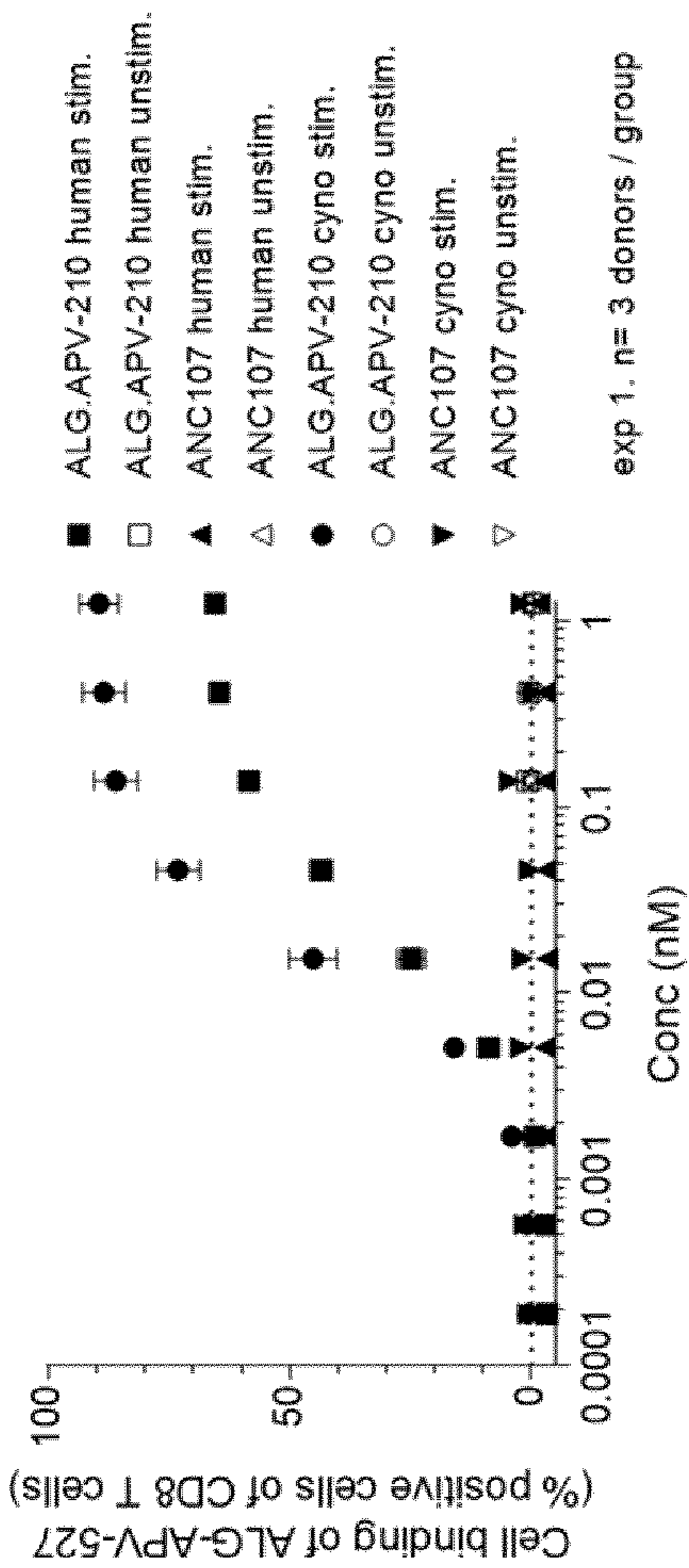


FIG. 23B

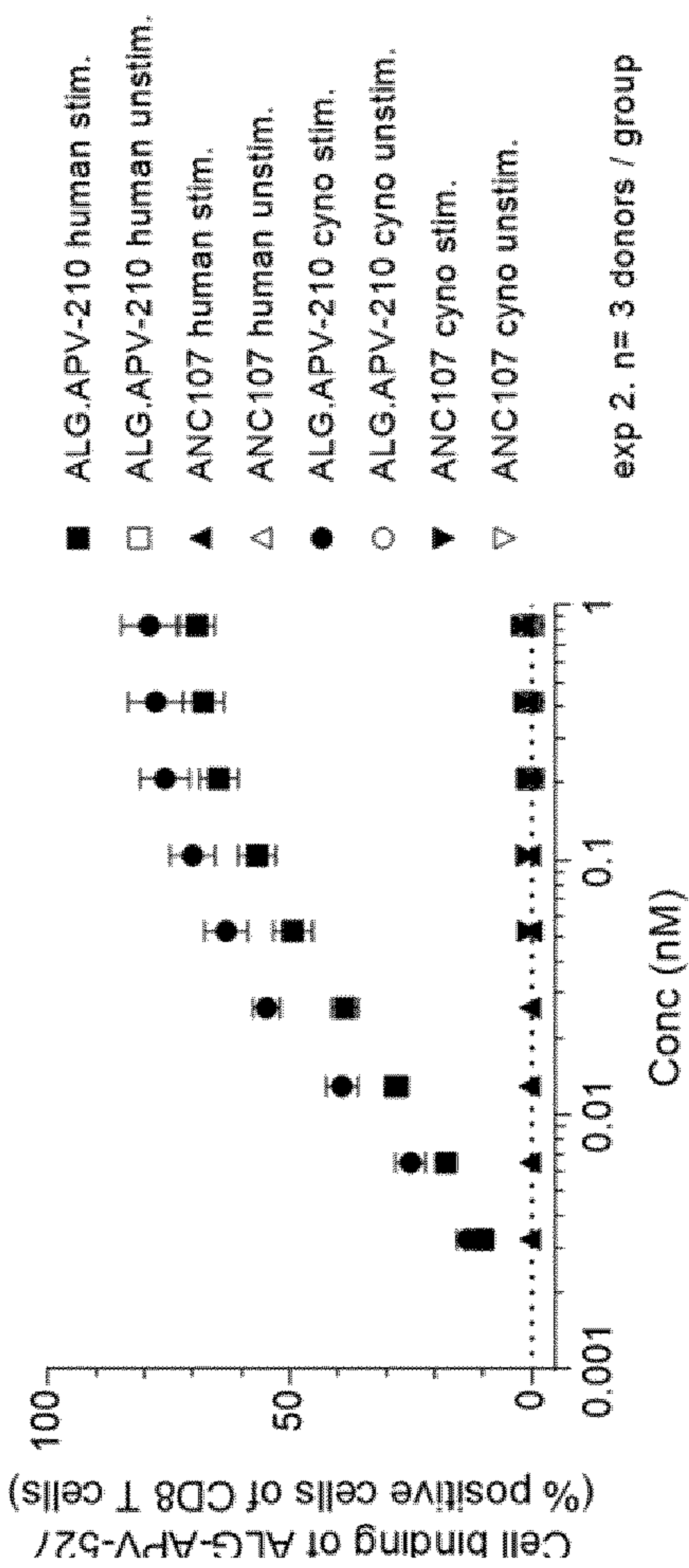


FIG. 23C

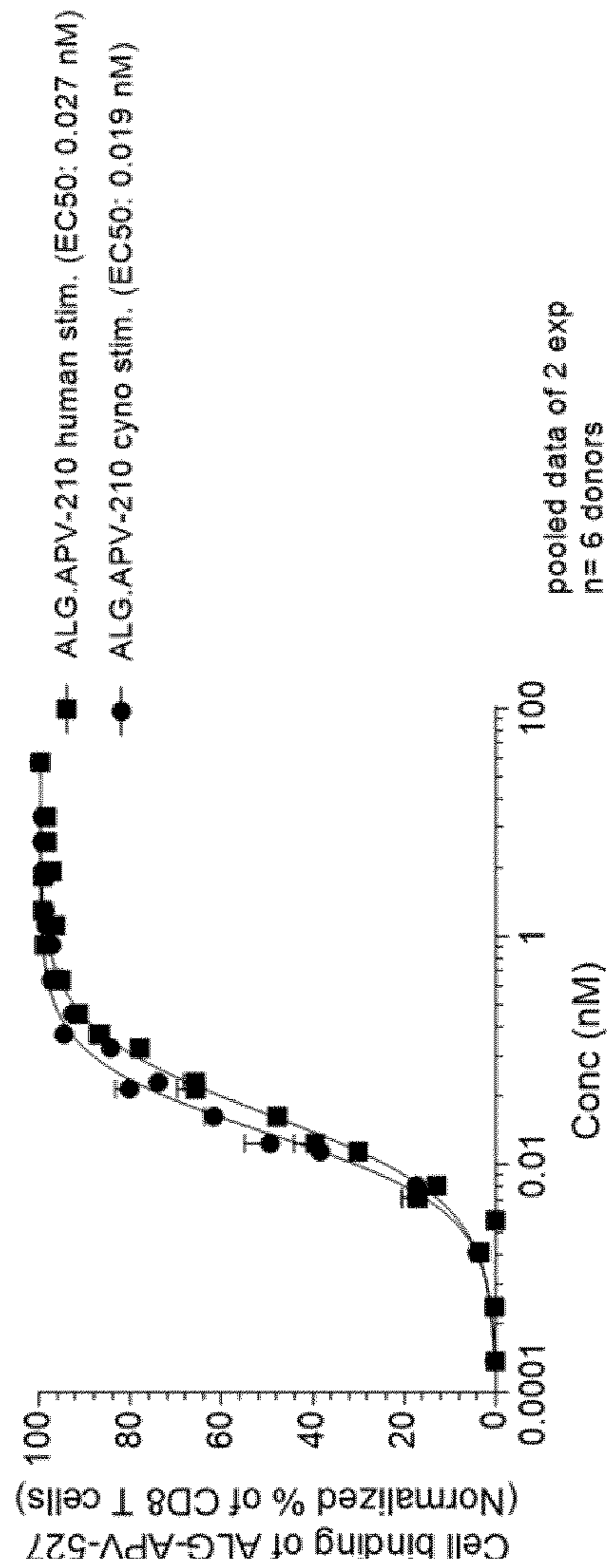


FIG. 24

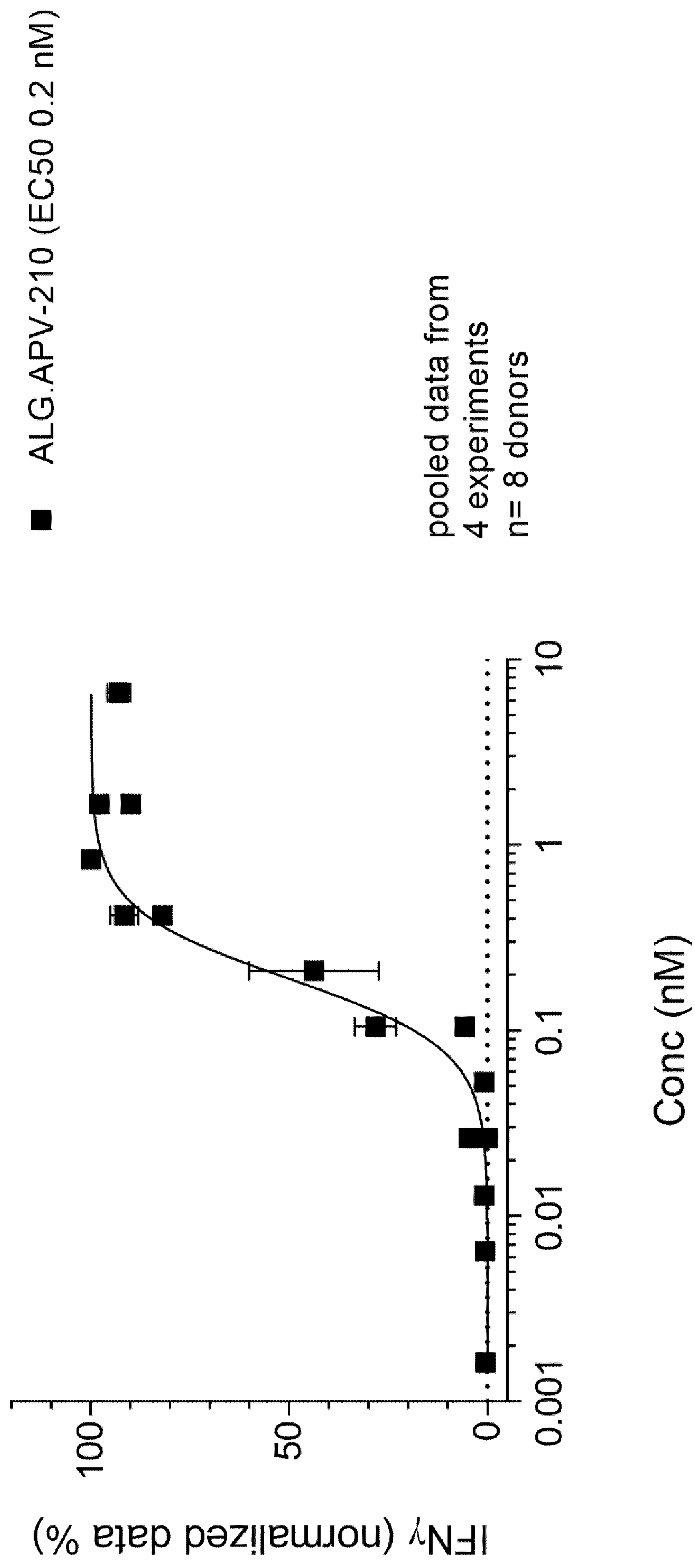


FIG. 25A

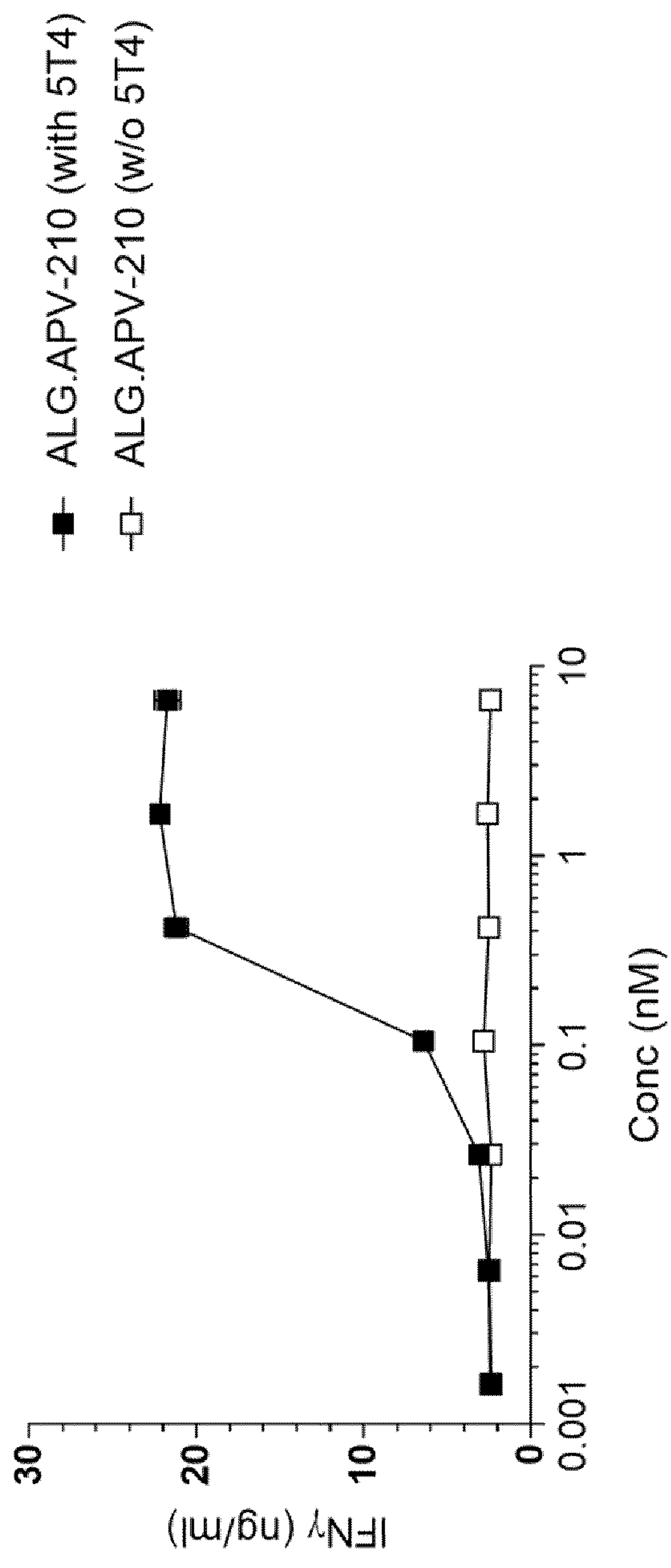


FIG. 25B

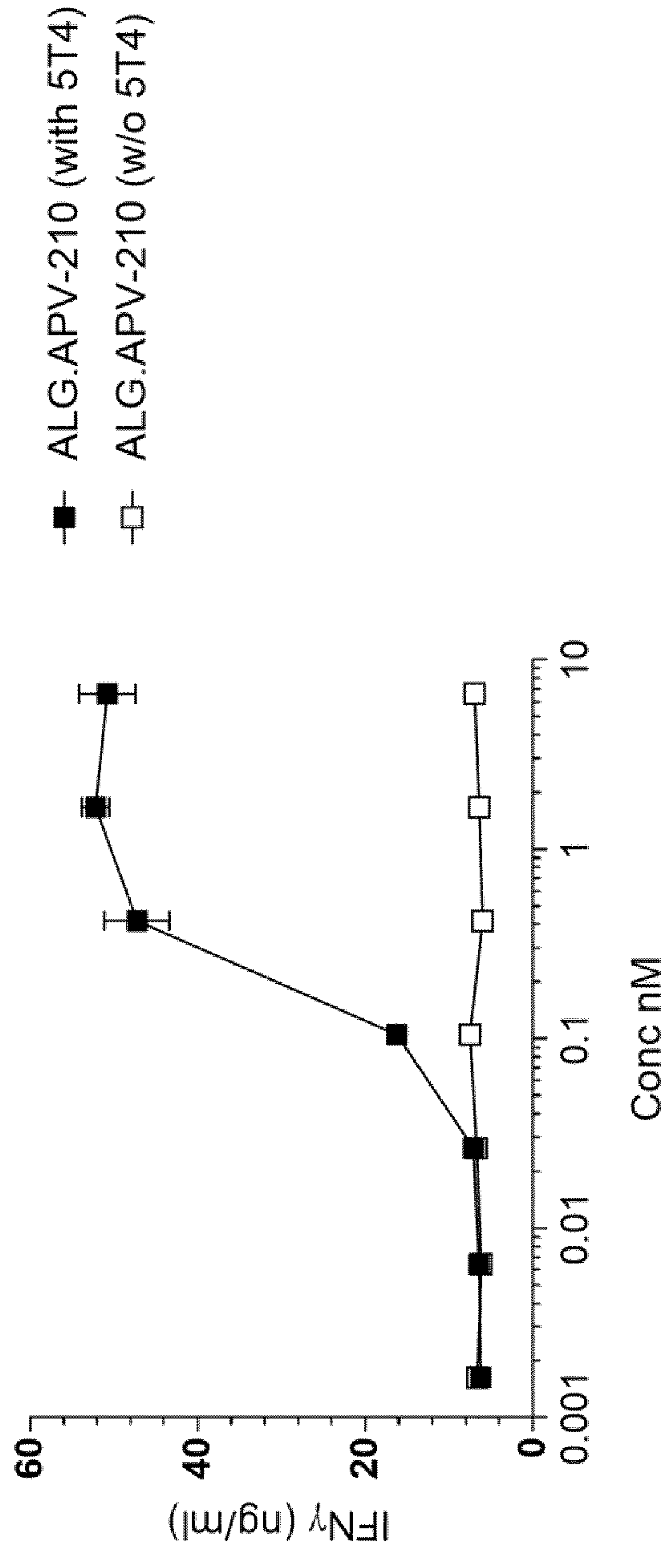
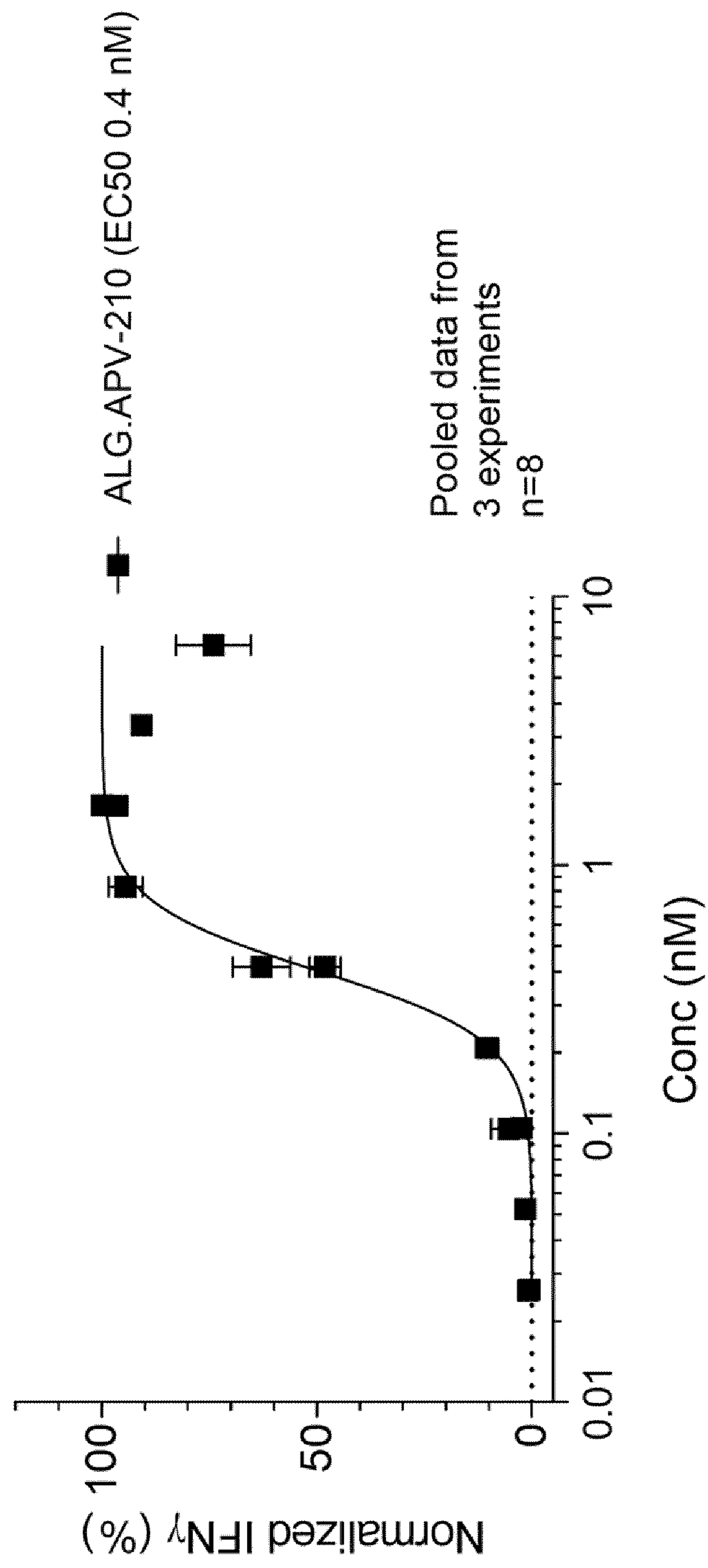


FIG. 26



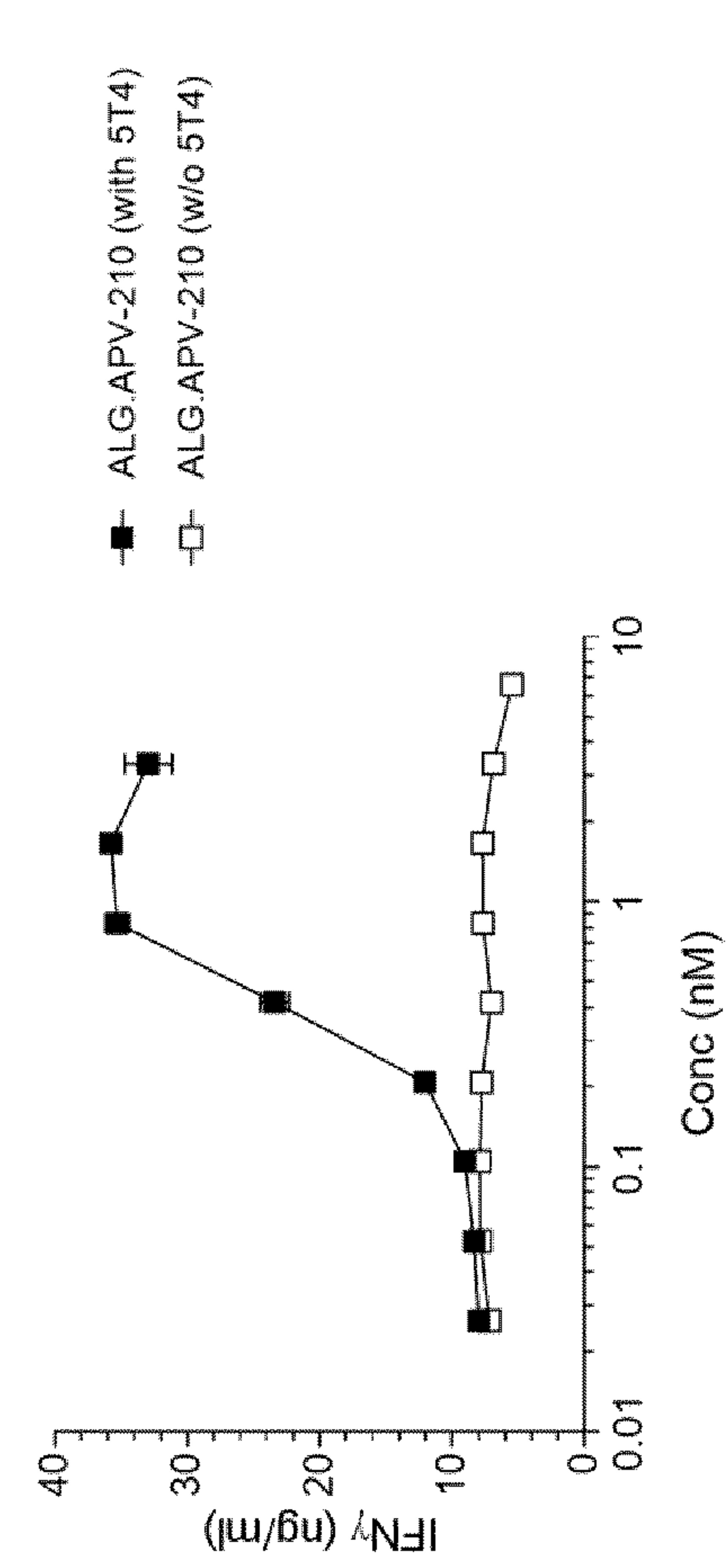


FIG. 27A

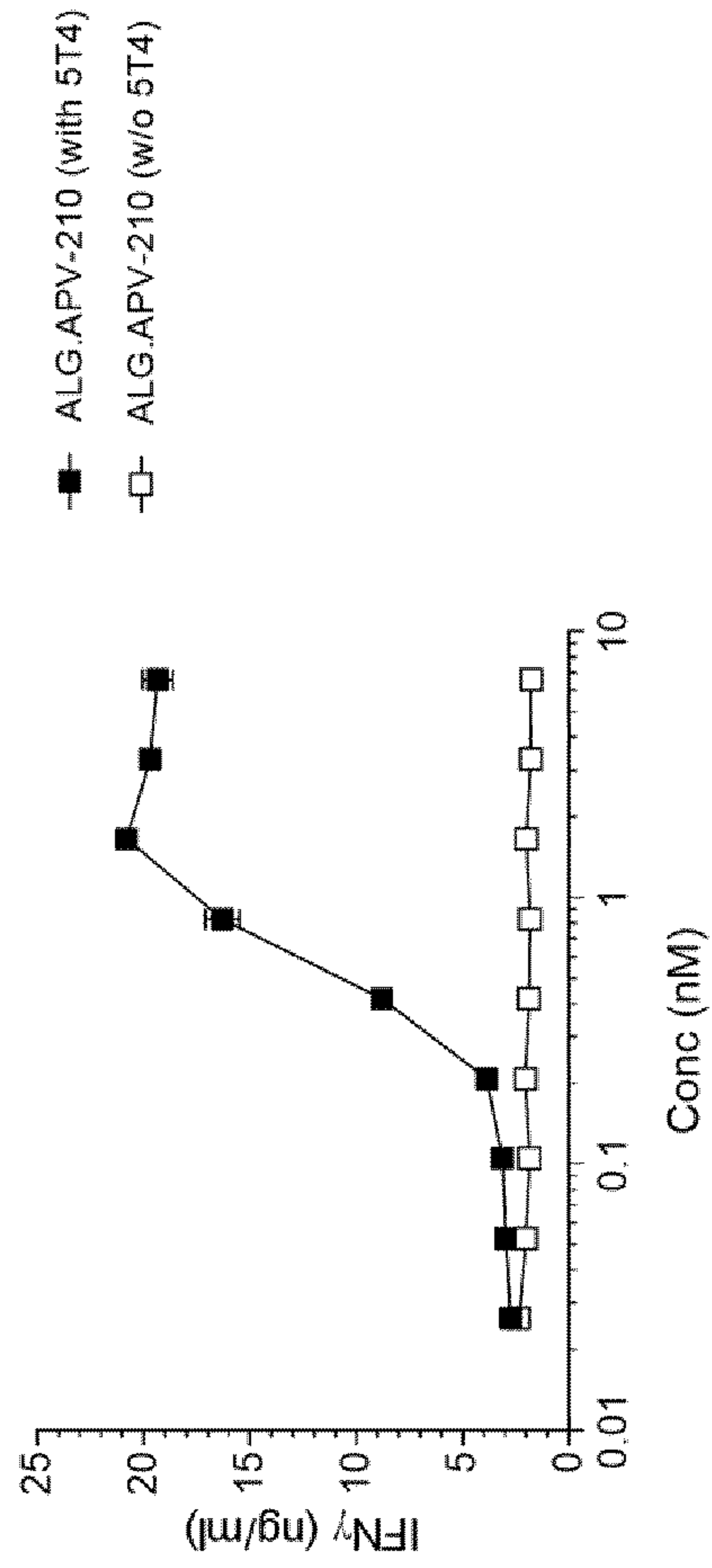


FIG. 27B

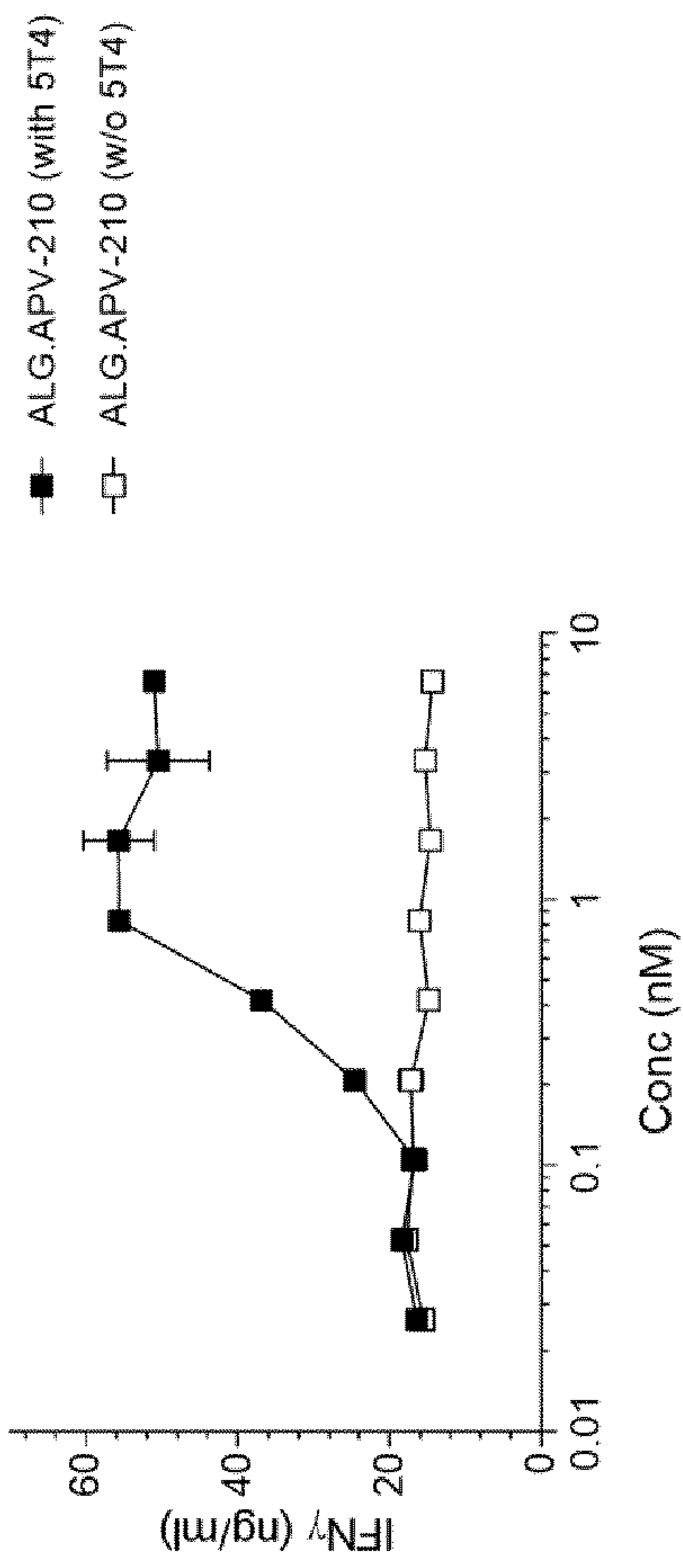


FIG. 27C

FIG. 28

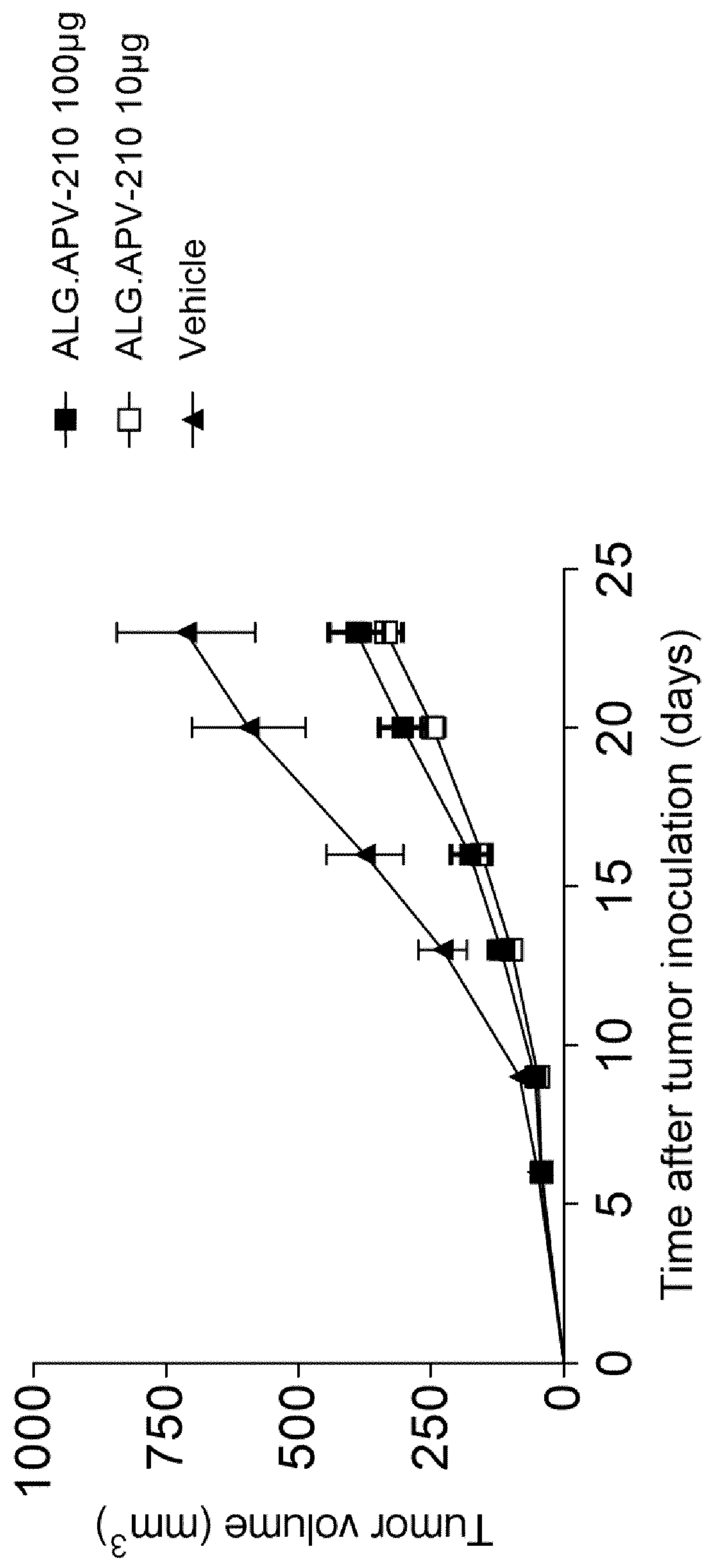


FIG. 29

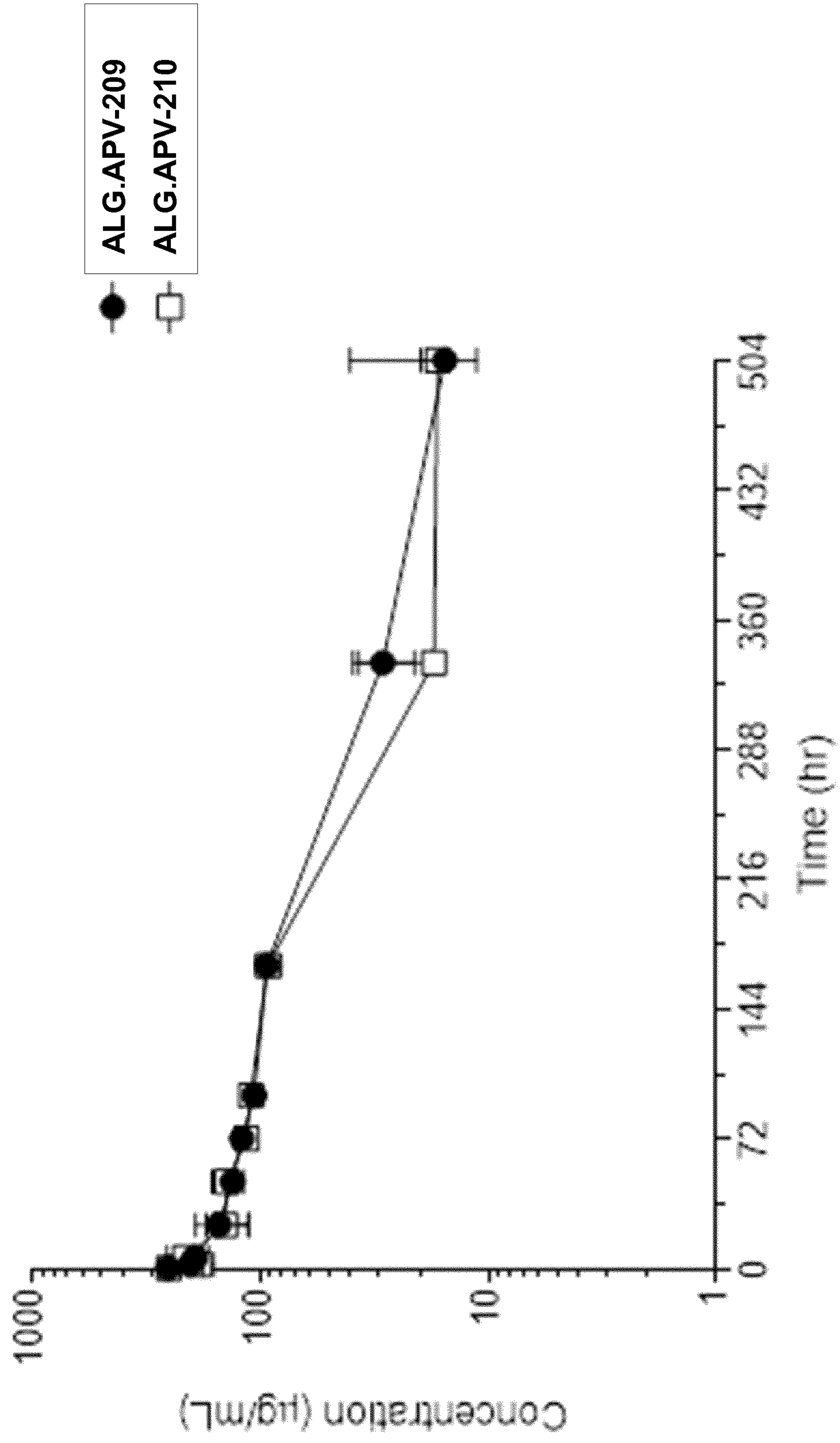


FIG. 30A

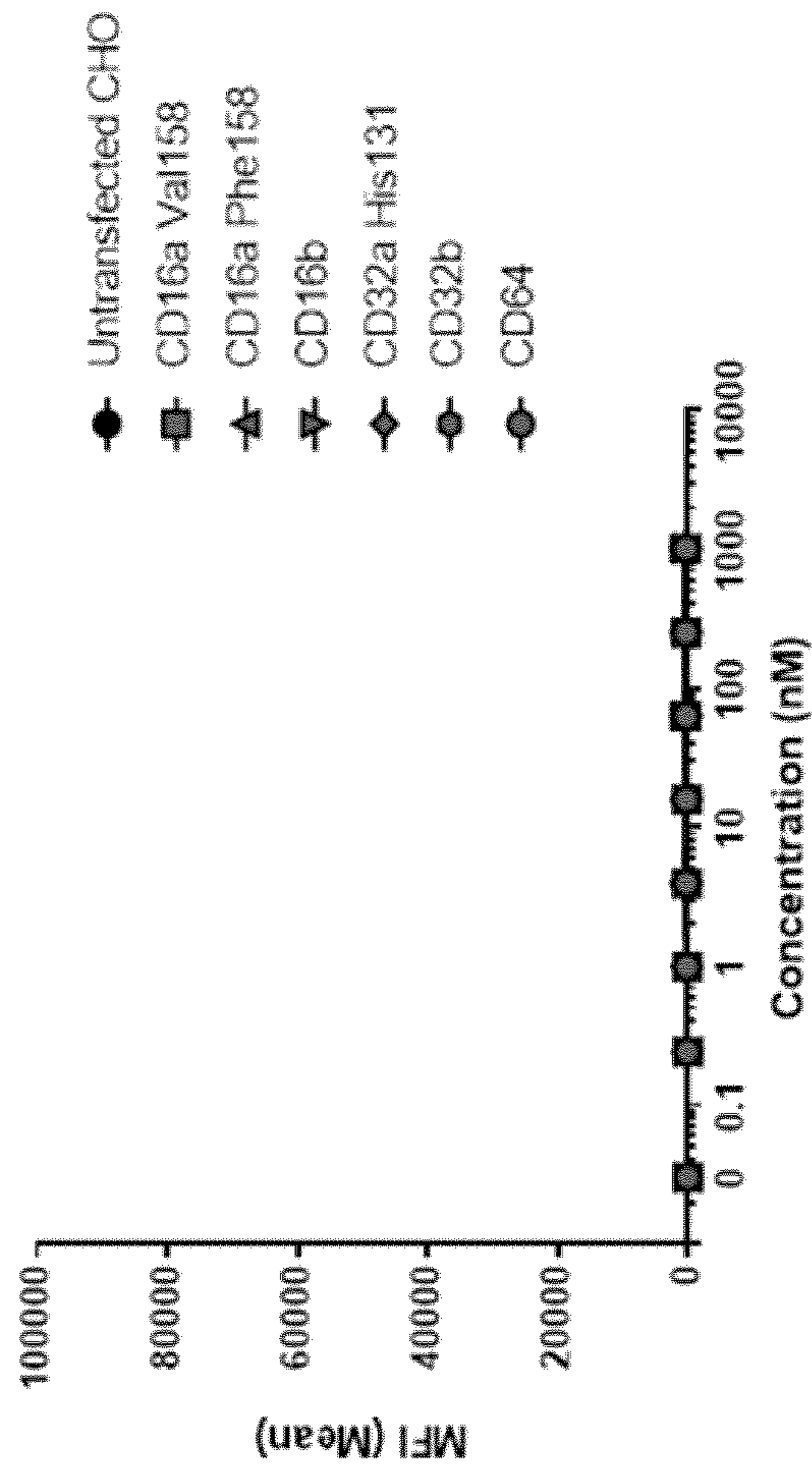


FIG. 30B

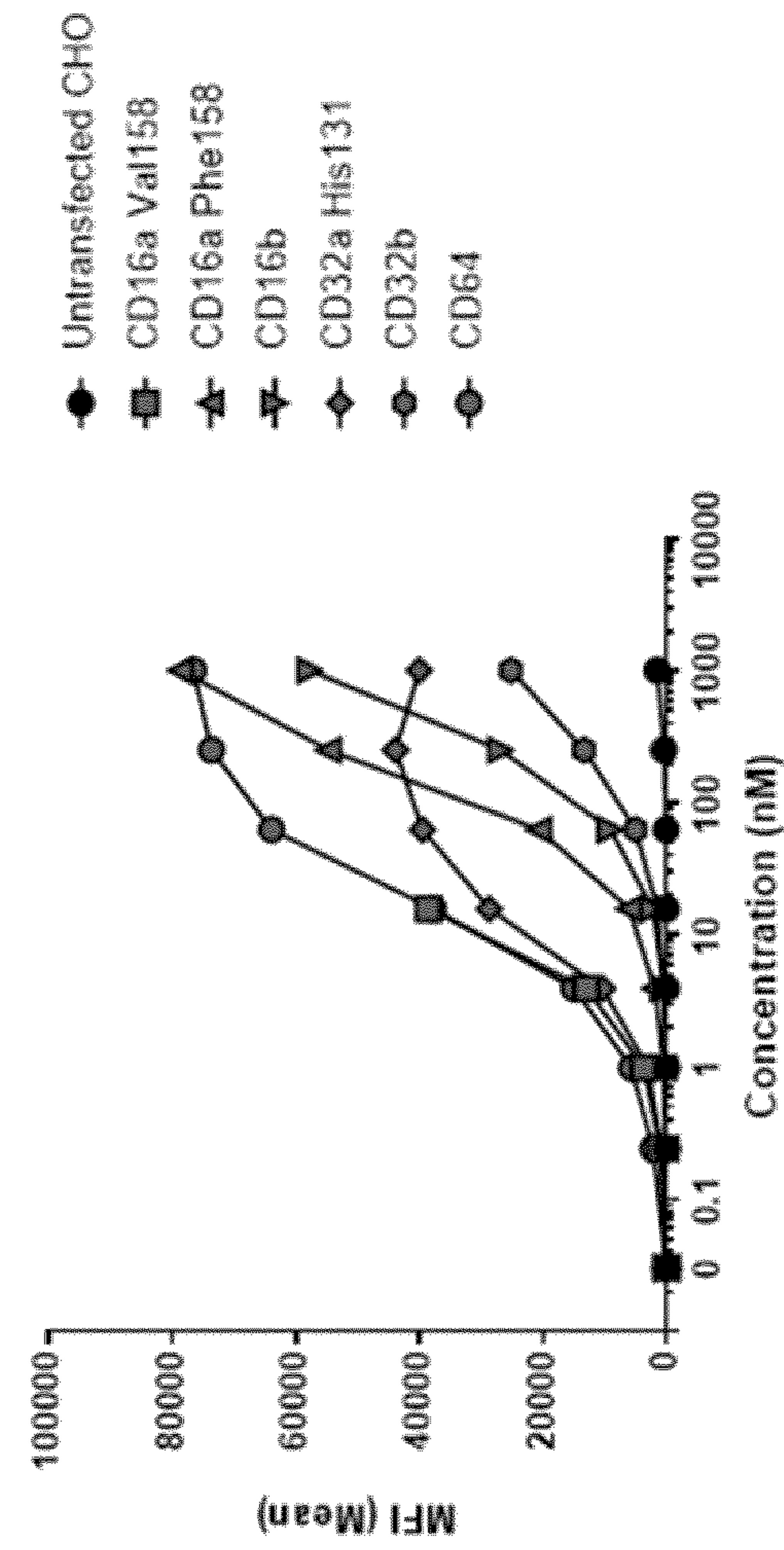


FIG. 31A

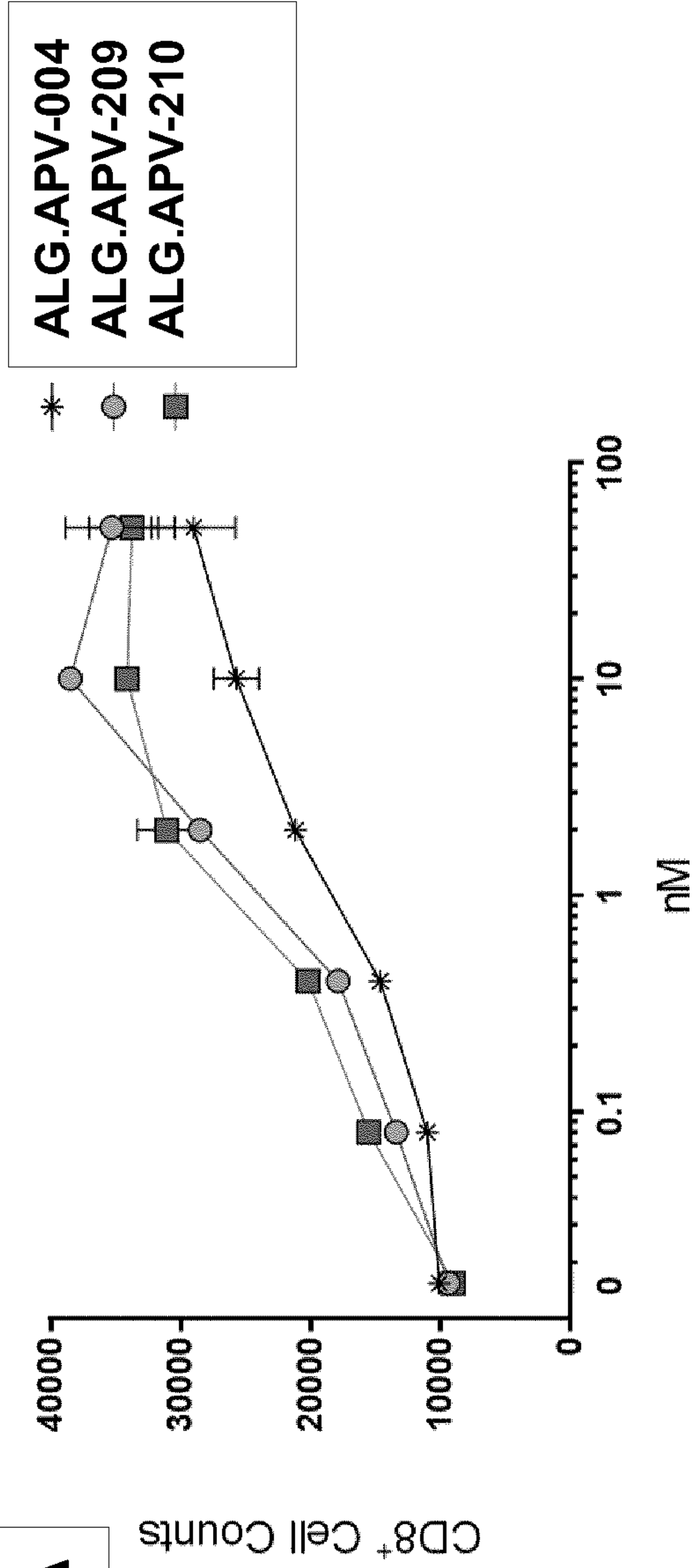


FIG. 31B

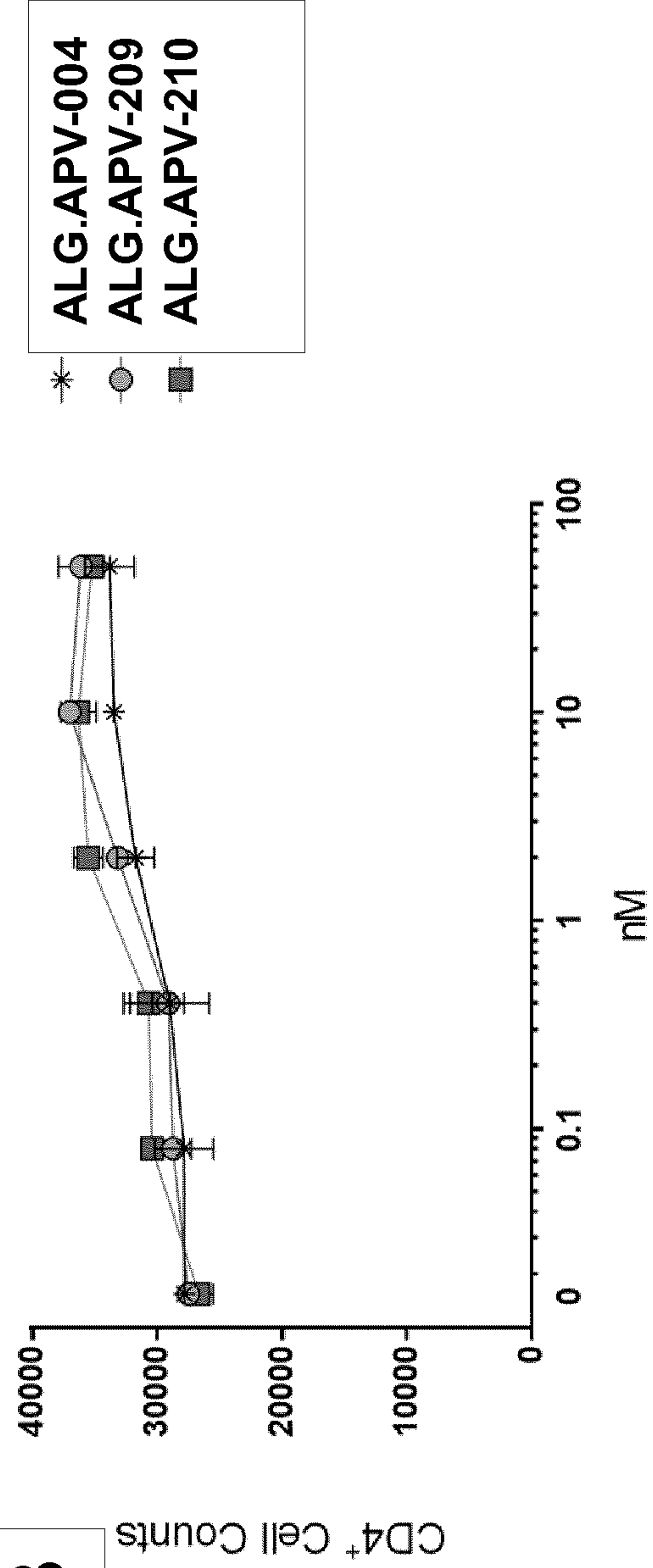


FIG. 32A

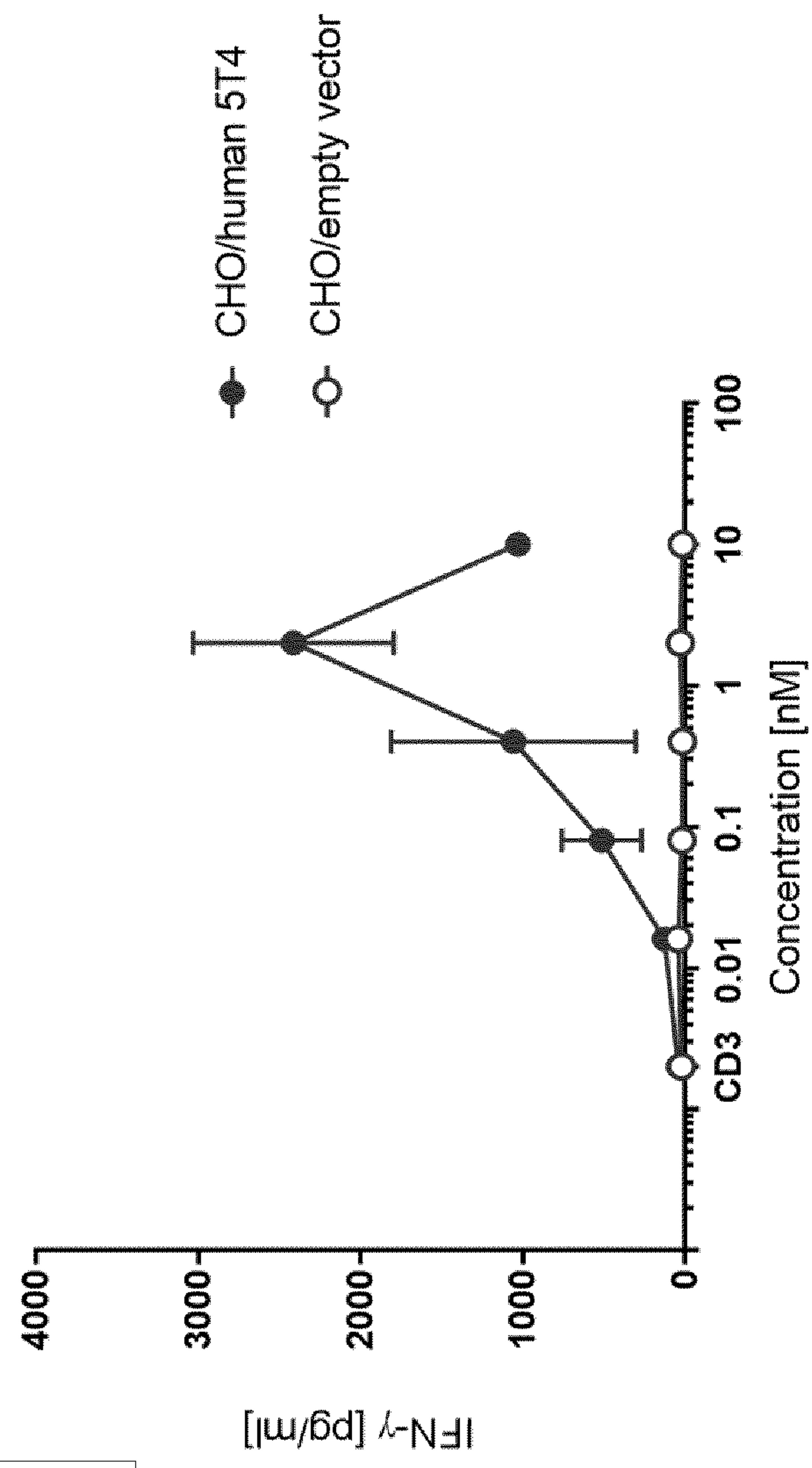


FIG. 32B

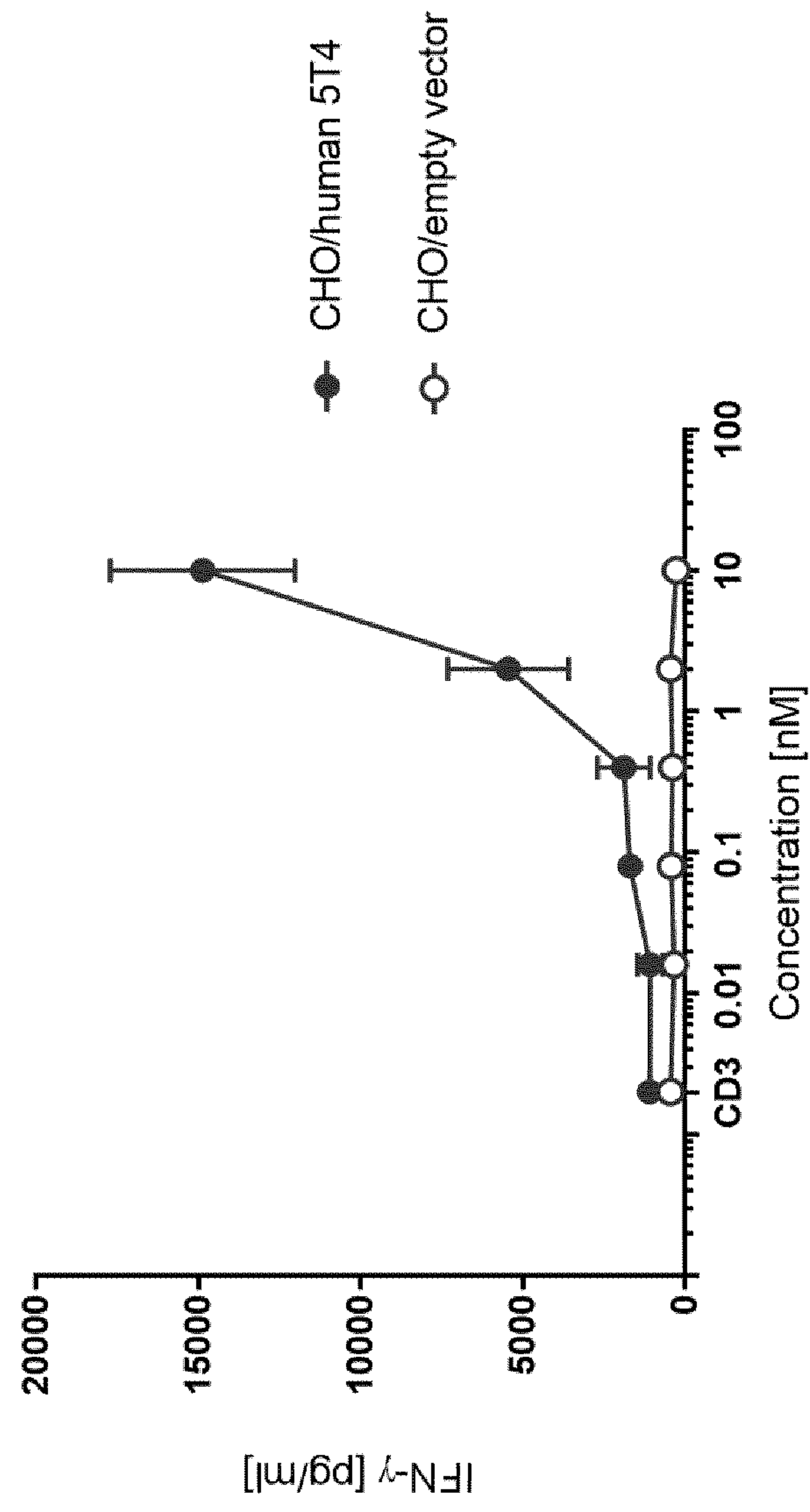


FIG. 33A

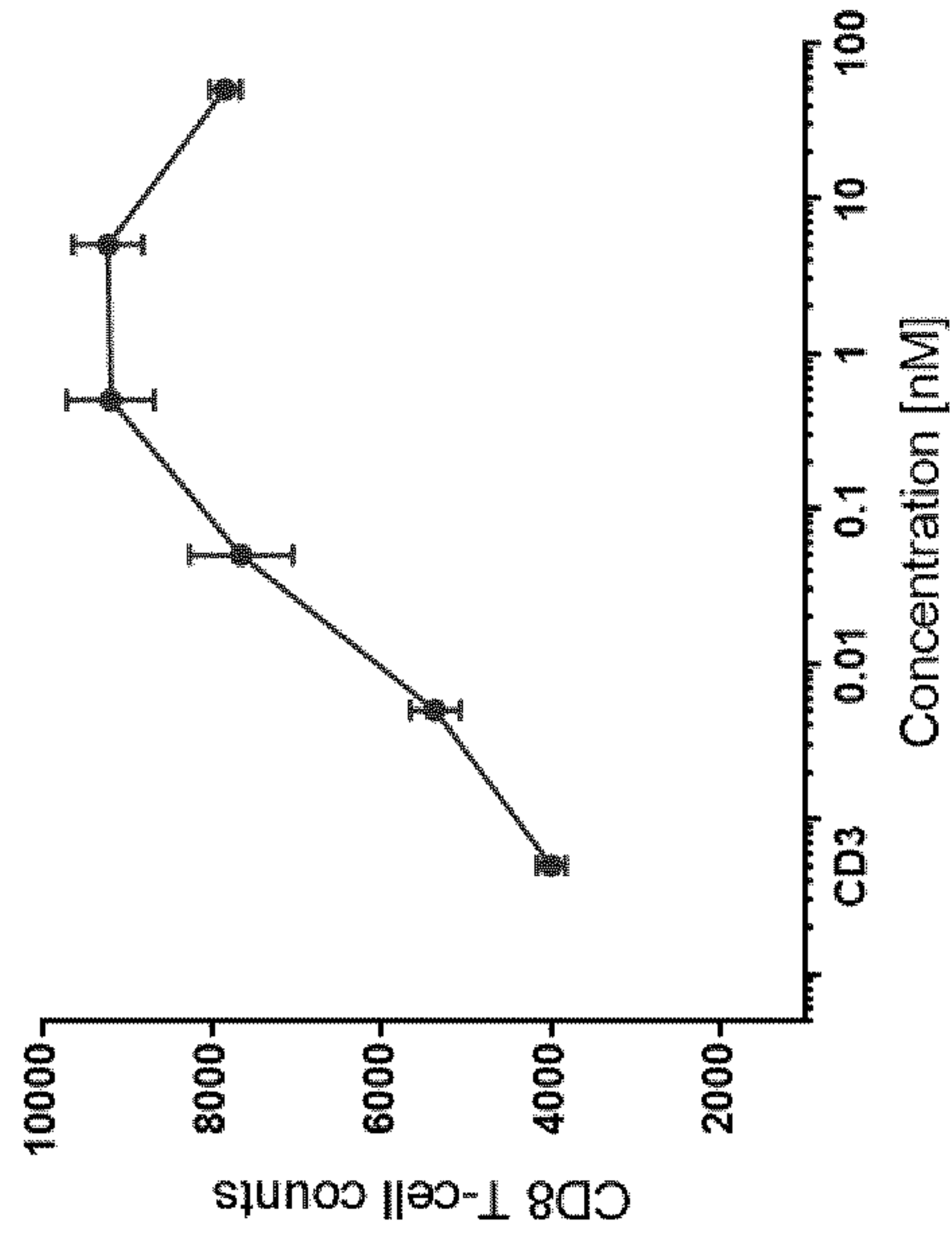
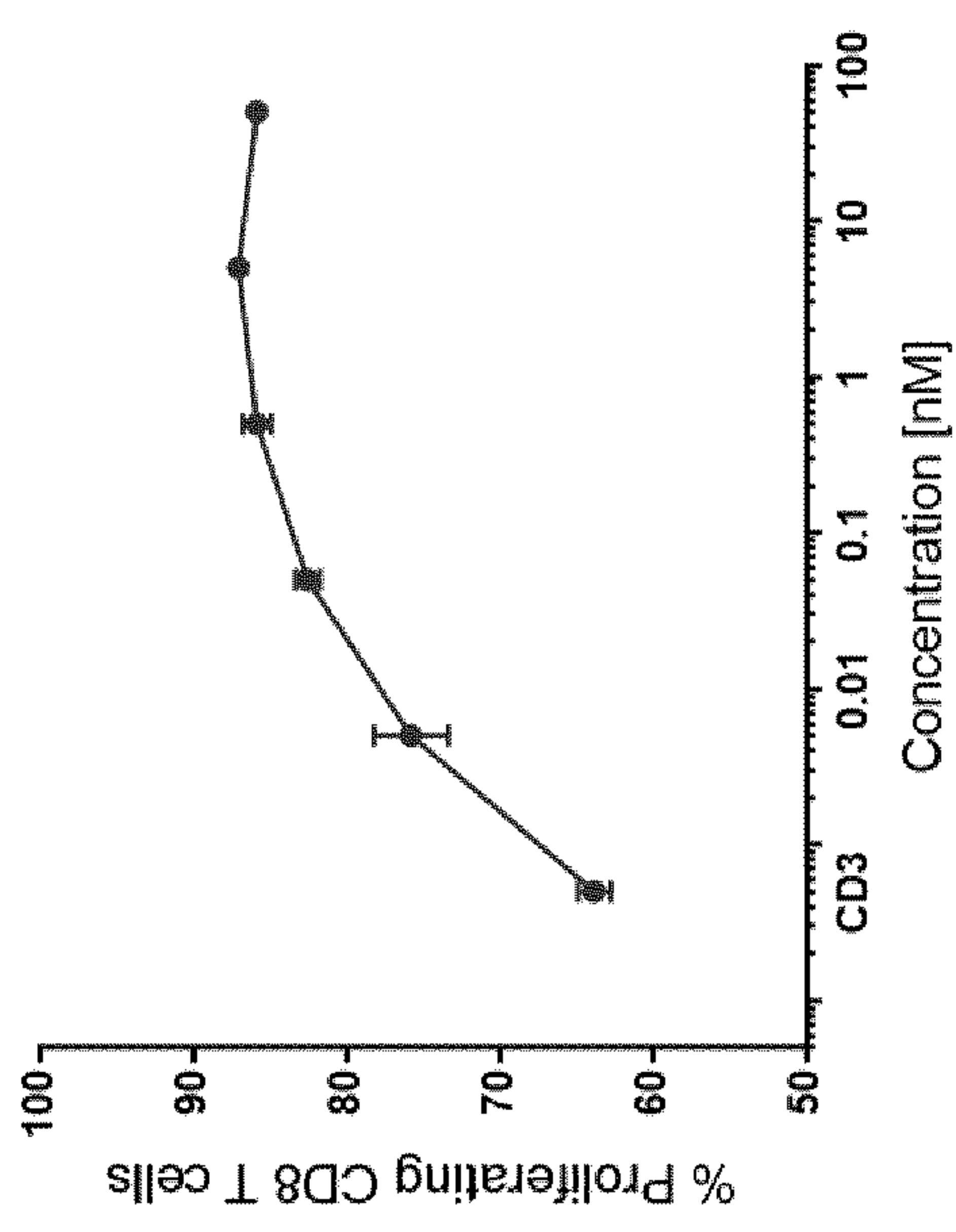
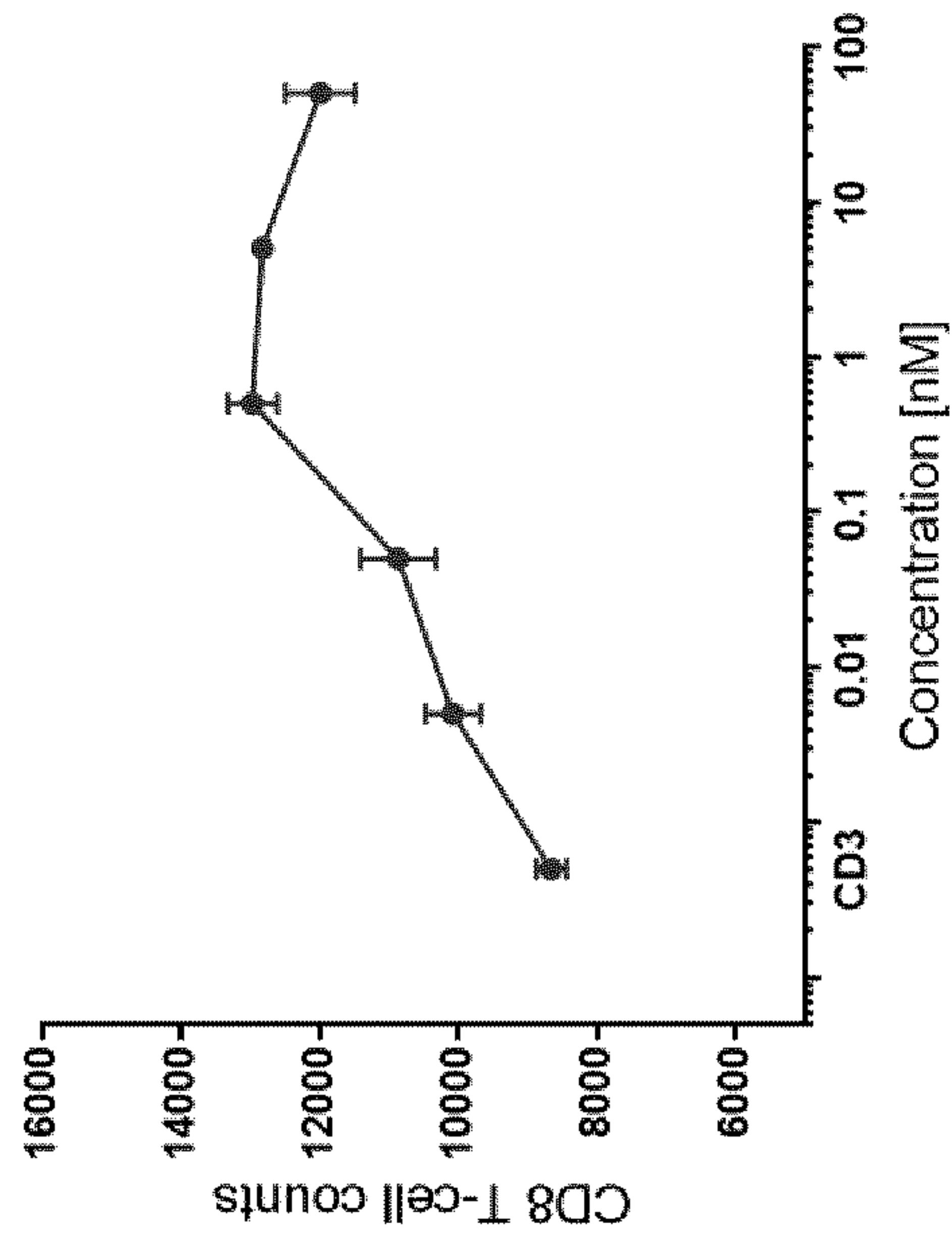
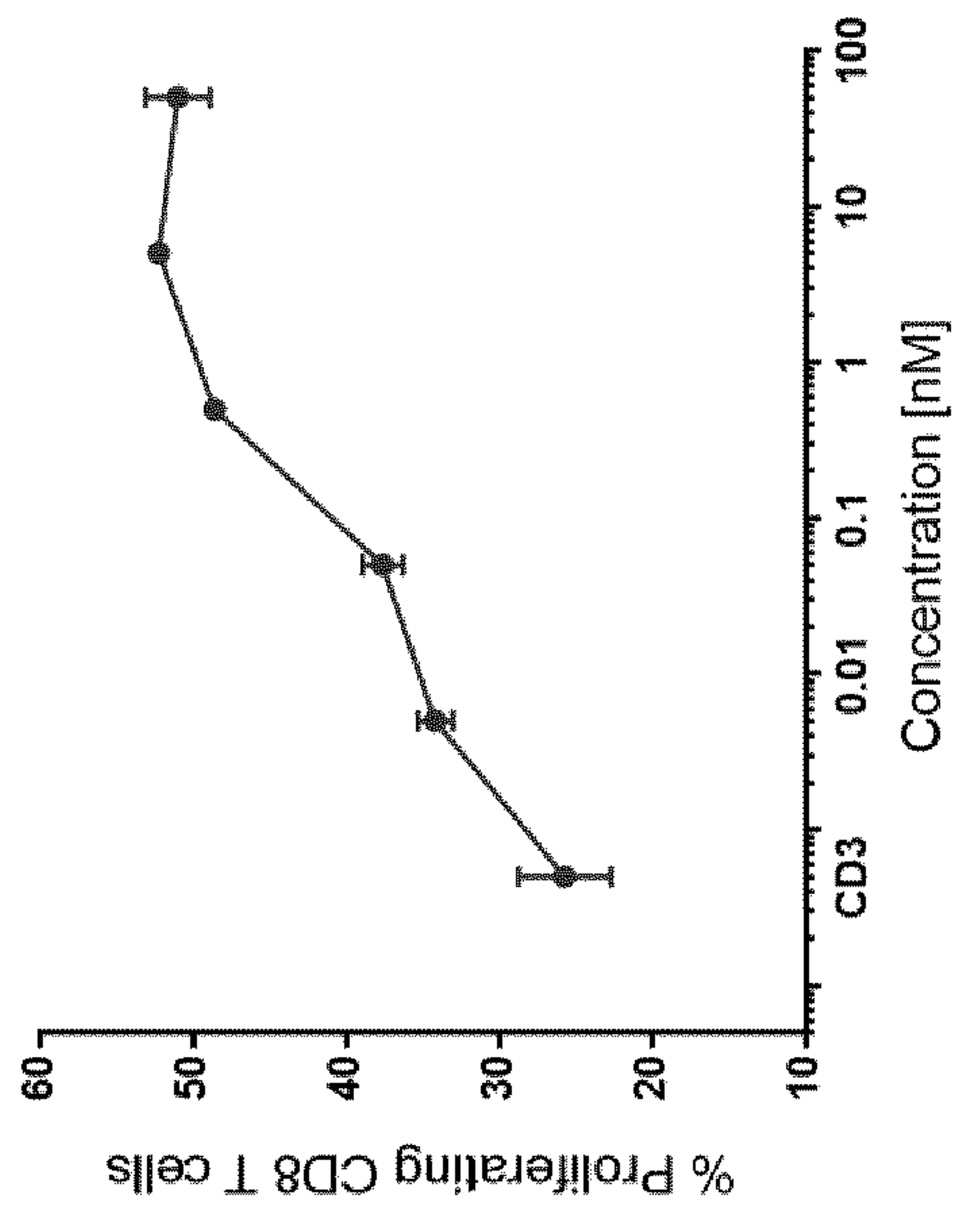


FIG. 33B



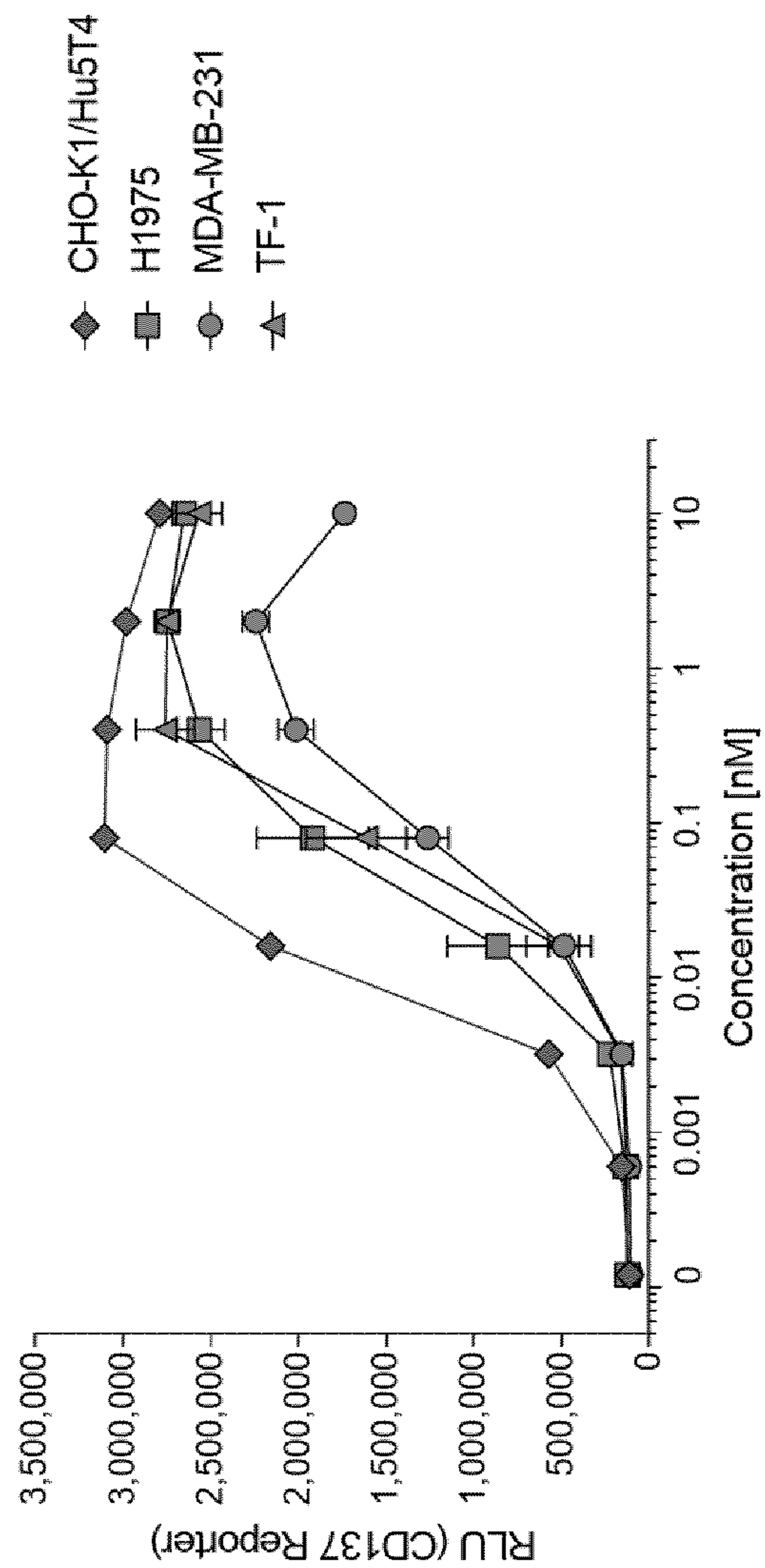
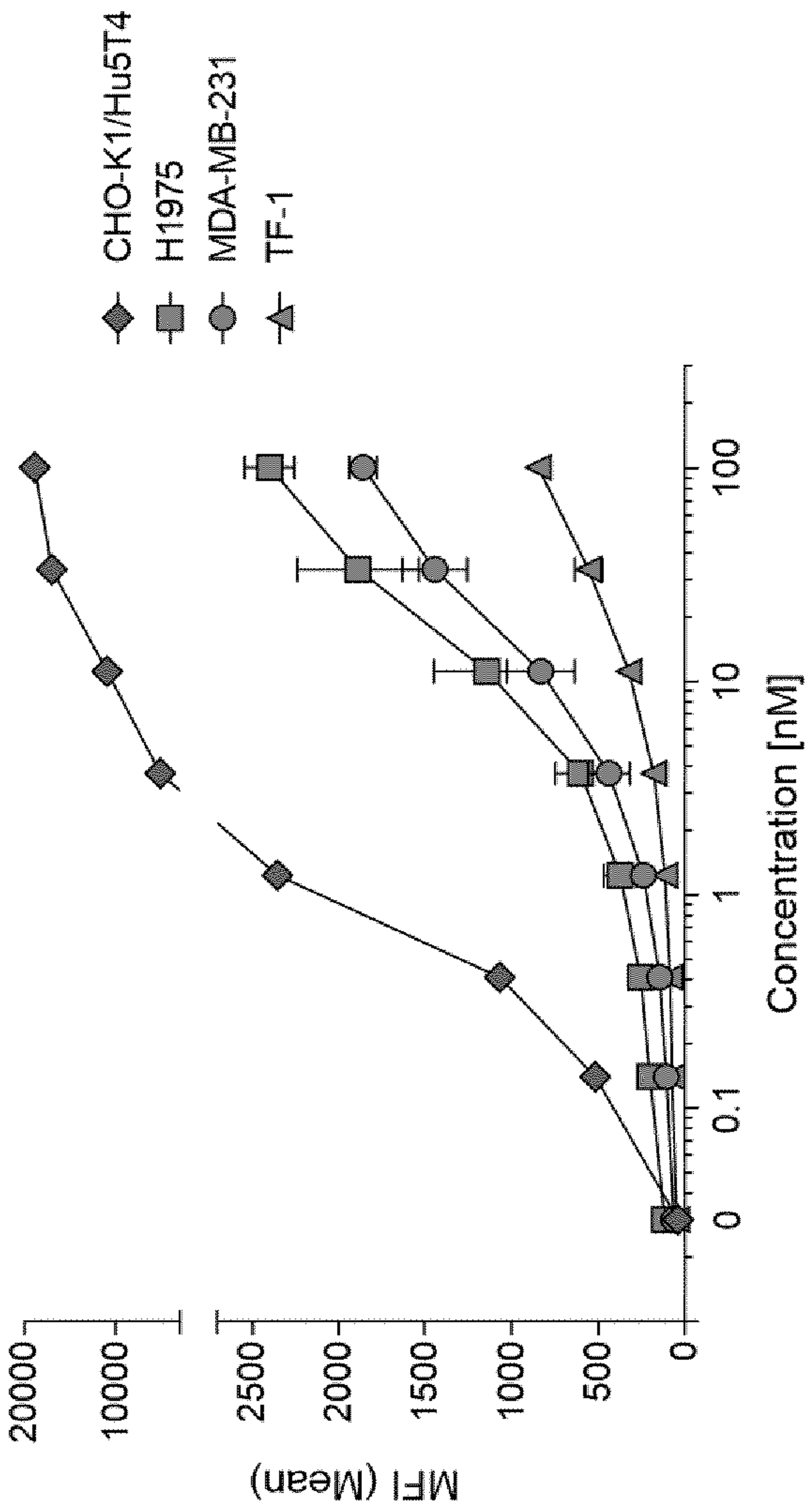


FIG. 36

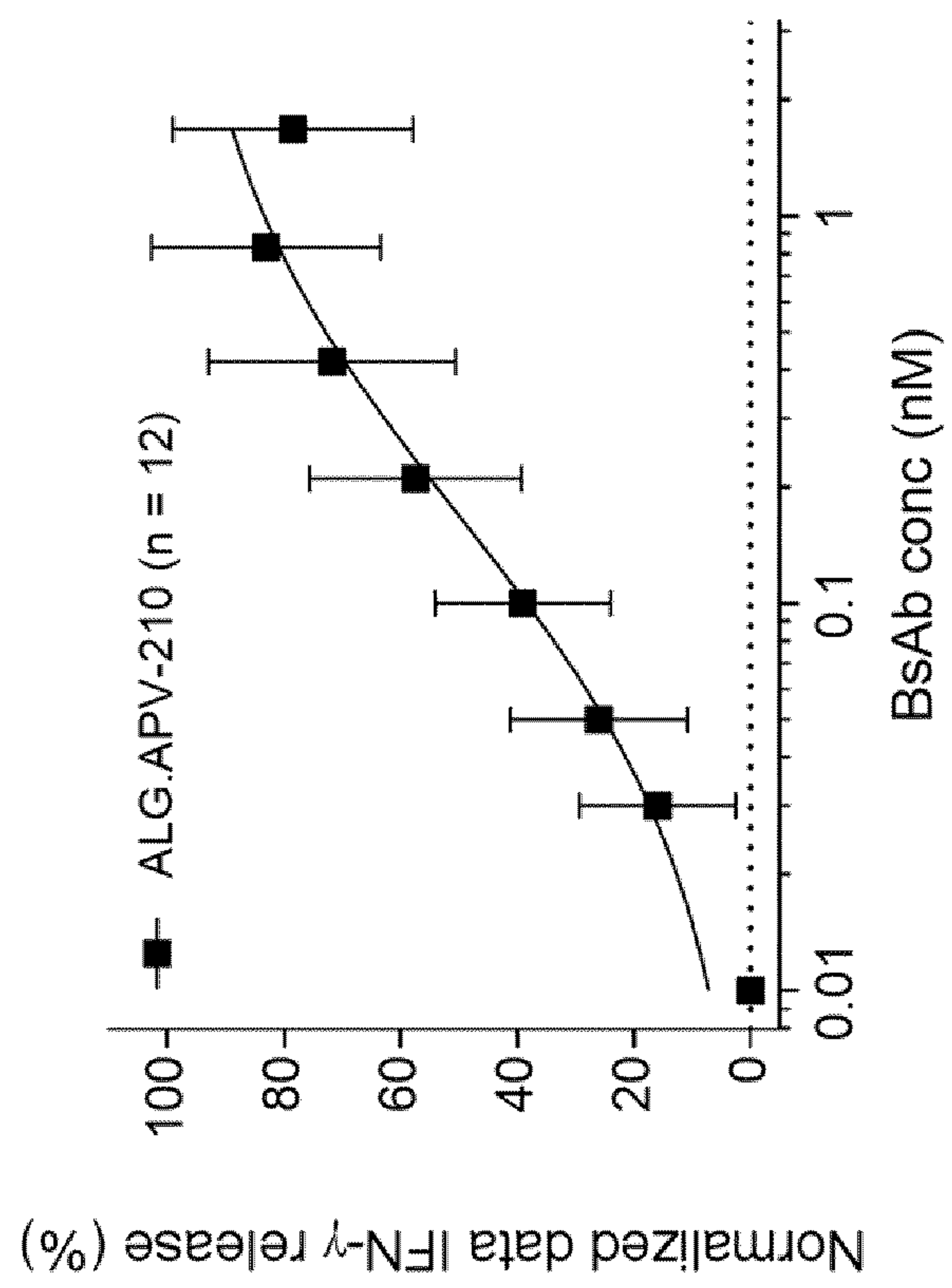


FIG. 37

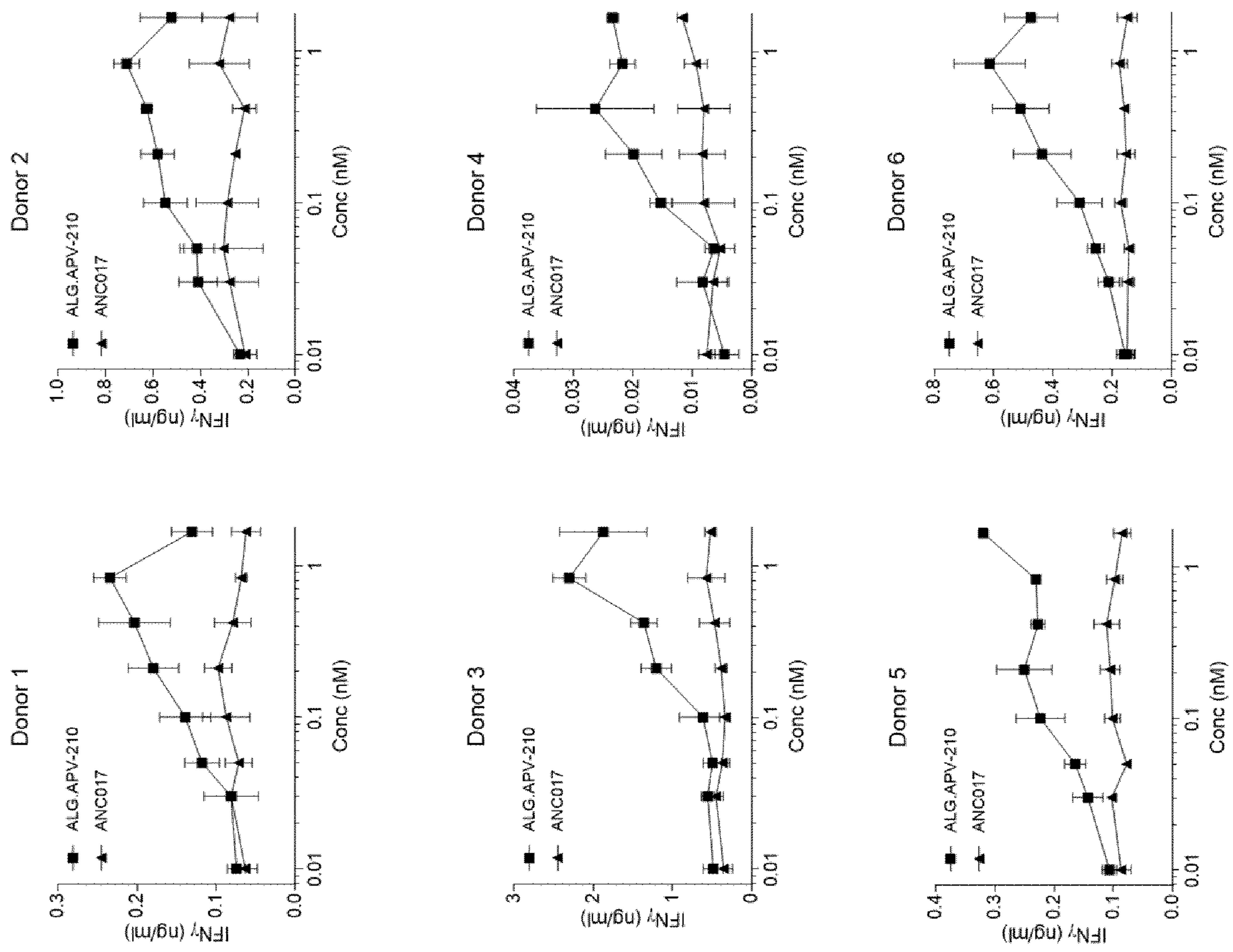


FIG. 38

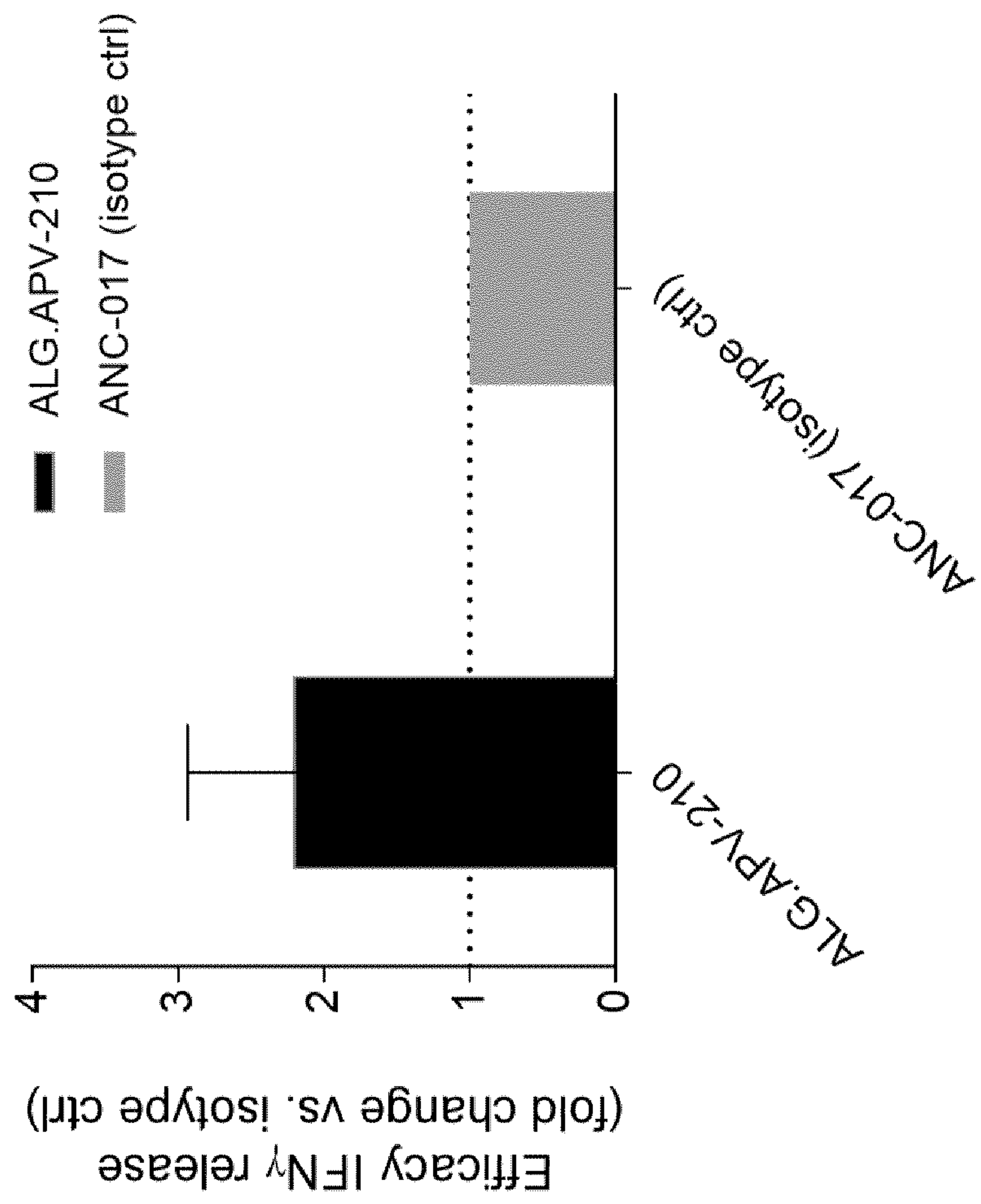


FIG. 39A

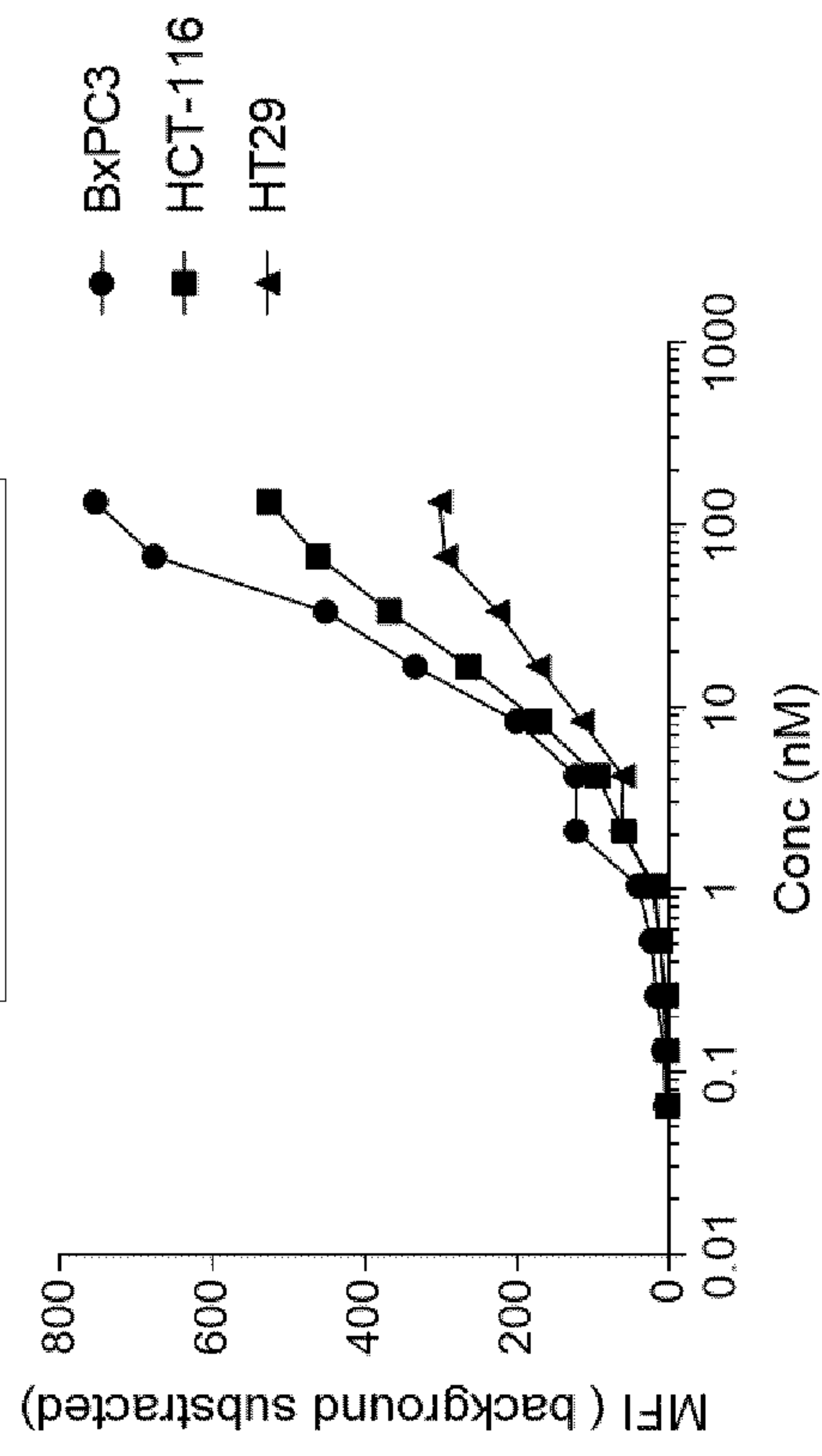


FIG. 39C

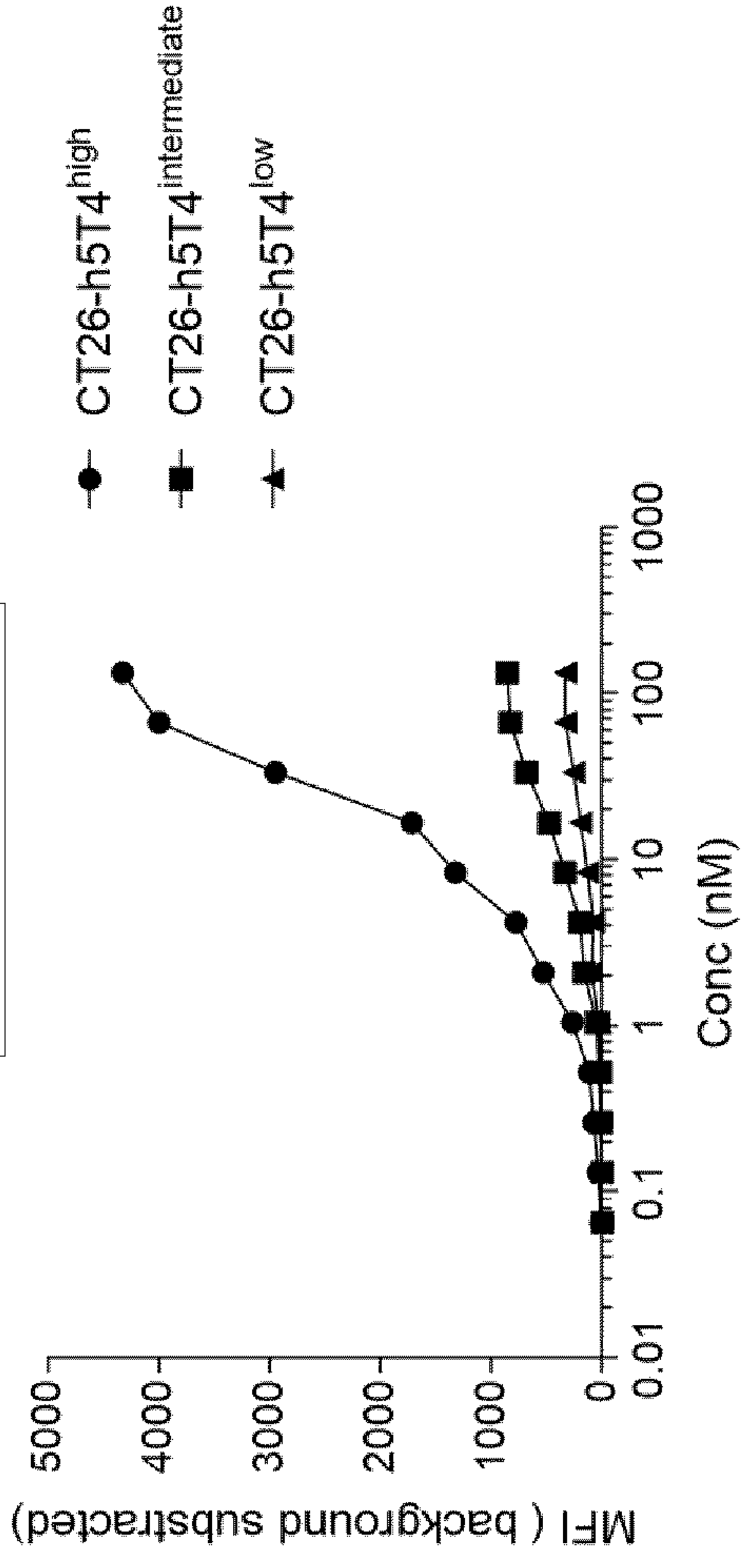


FIG. 39B

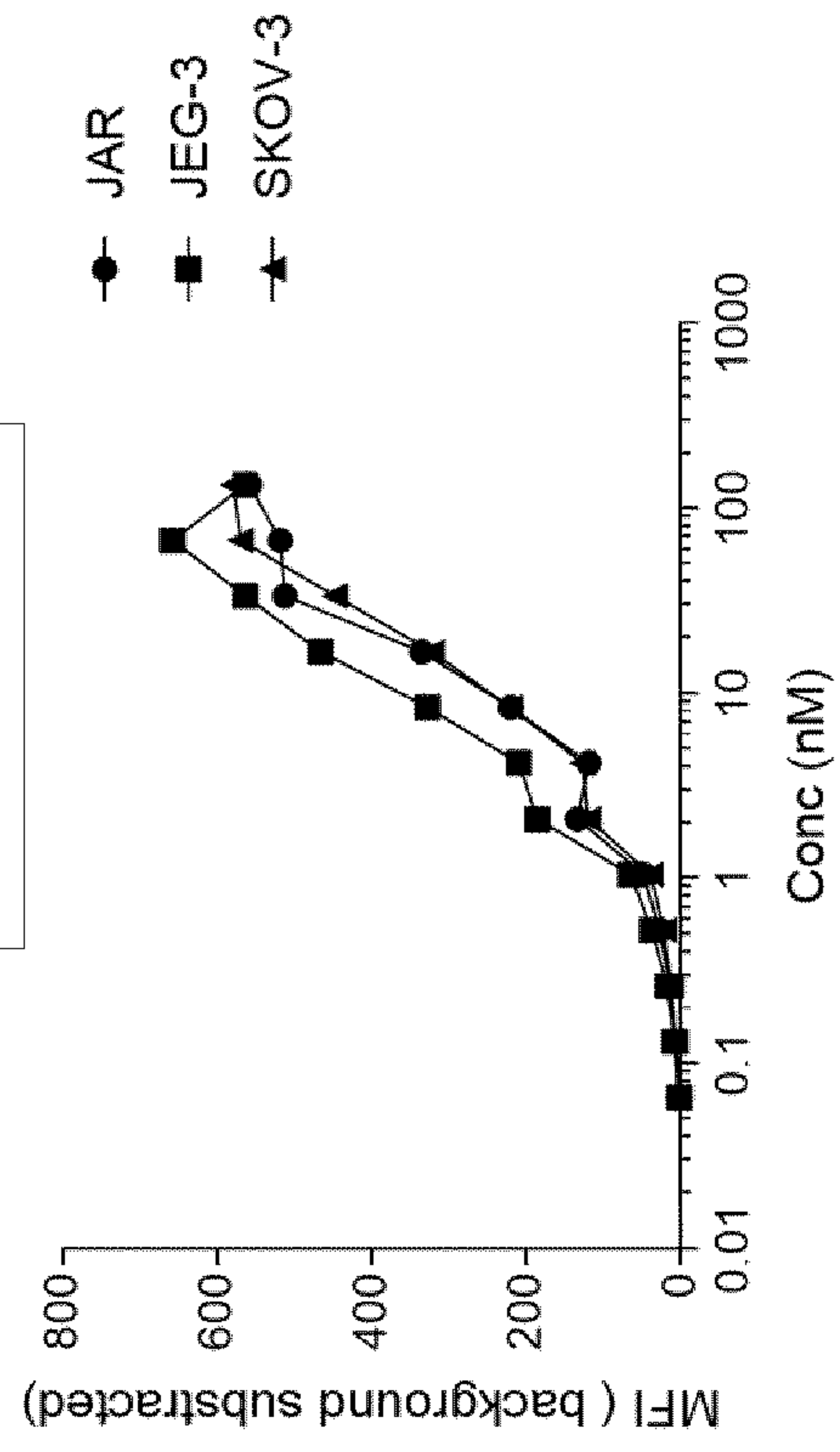


FIG. 39D

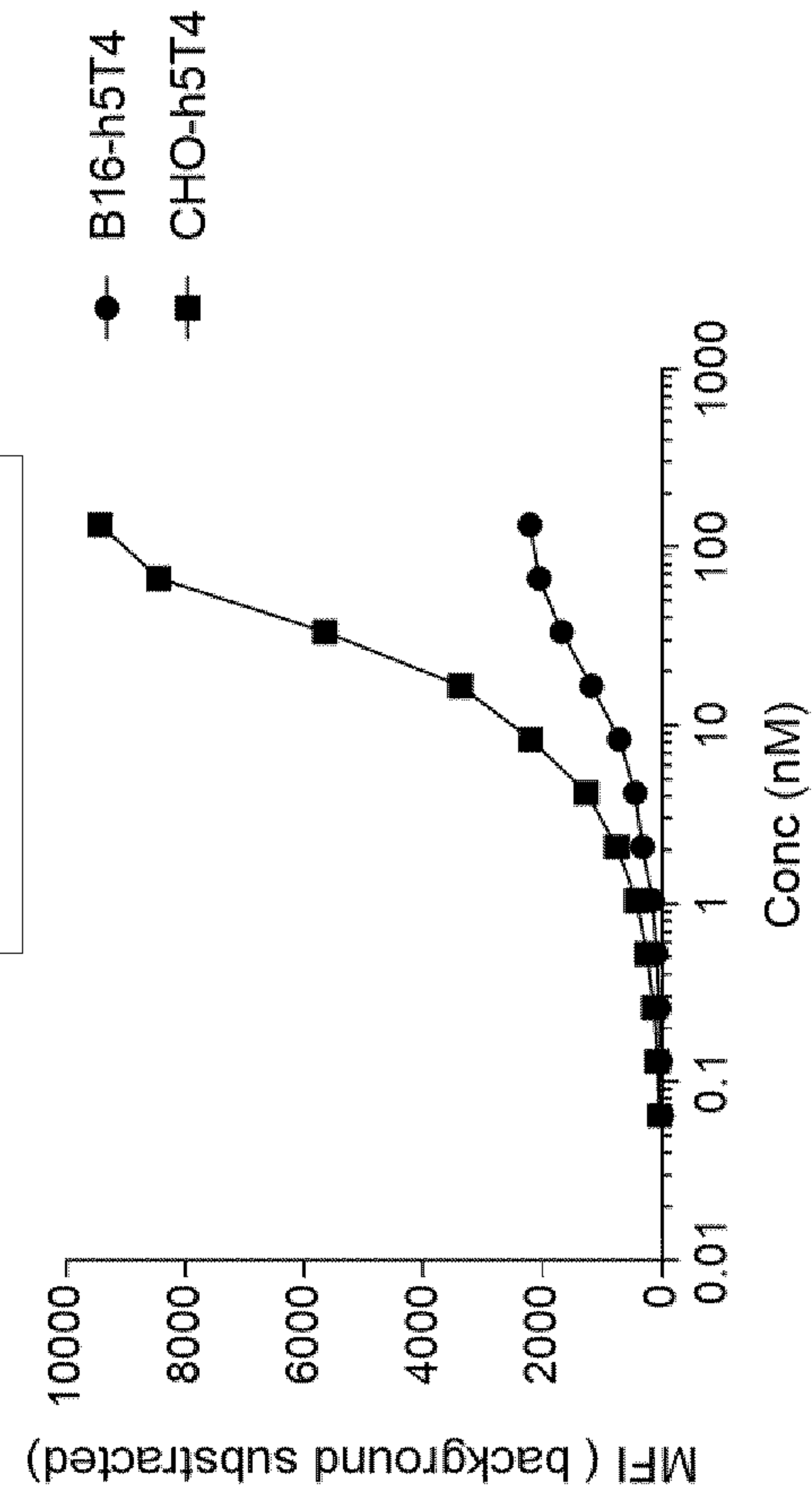


FIG. 40A

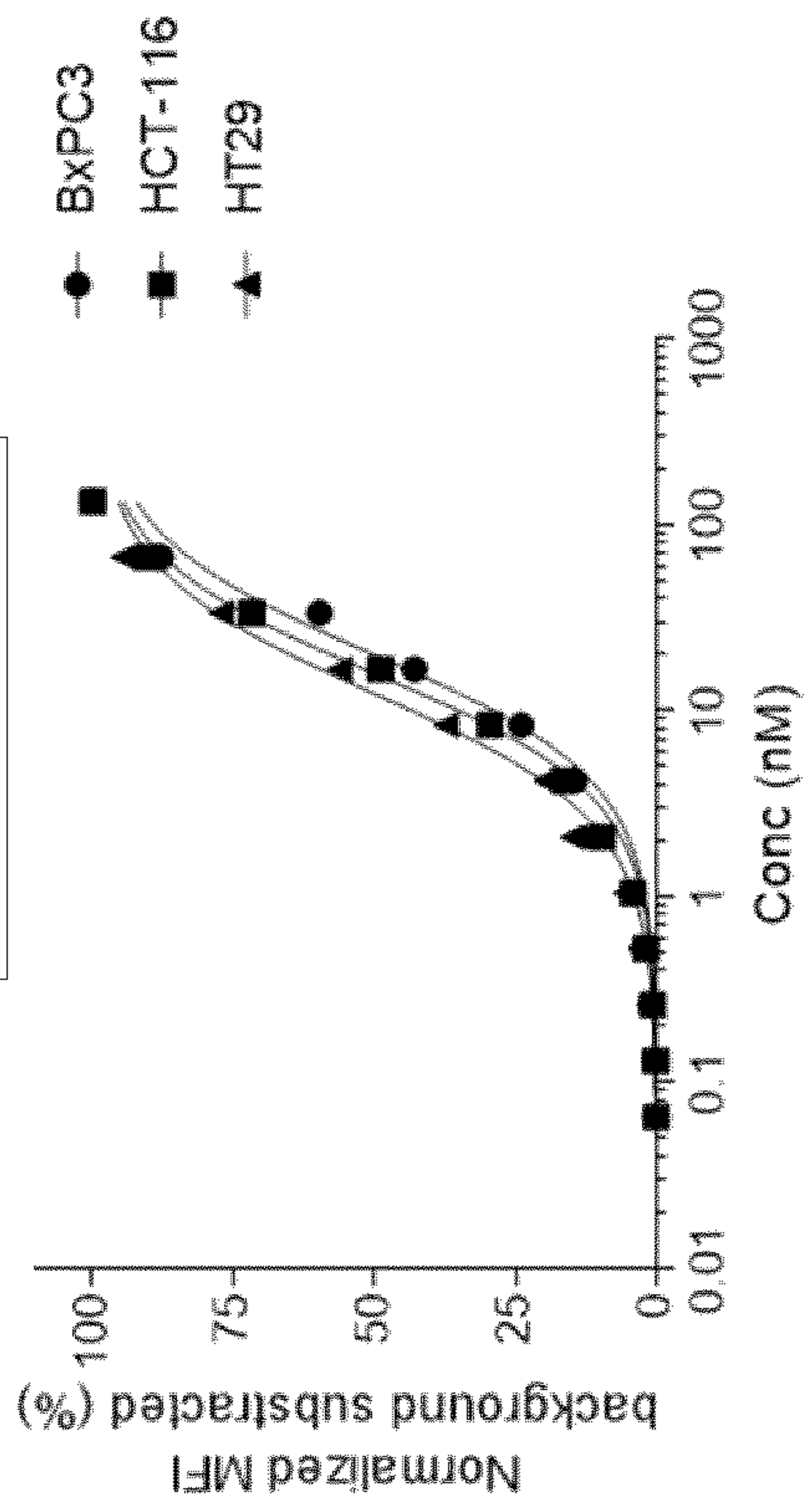


FIG. 40C

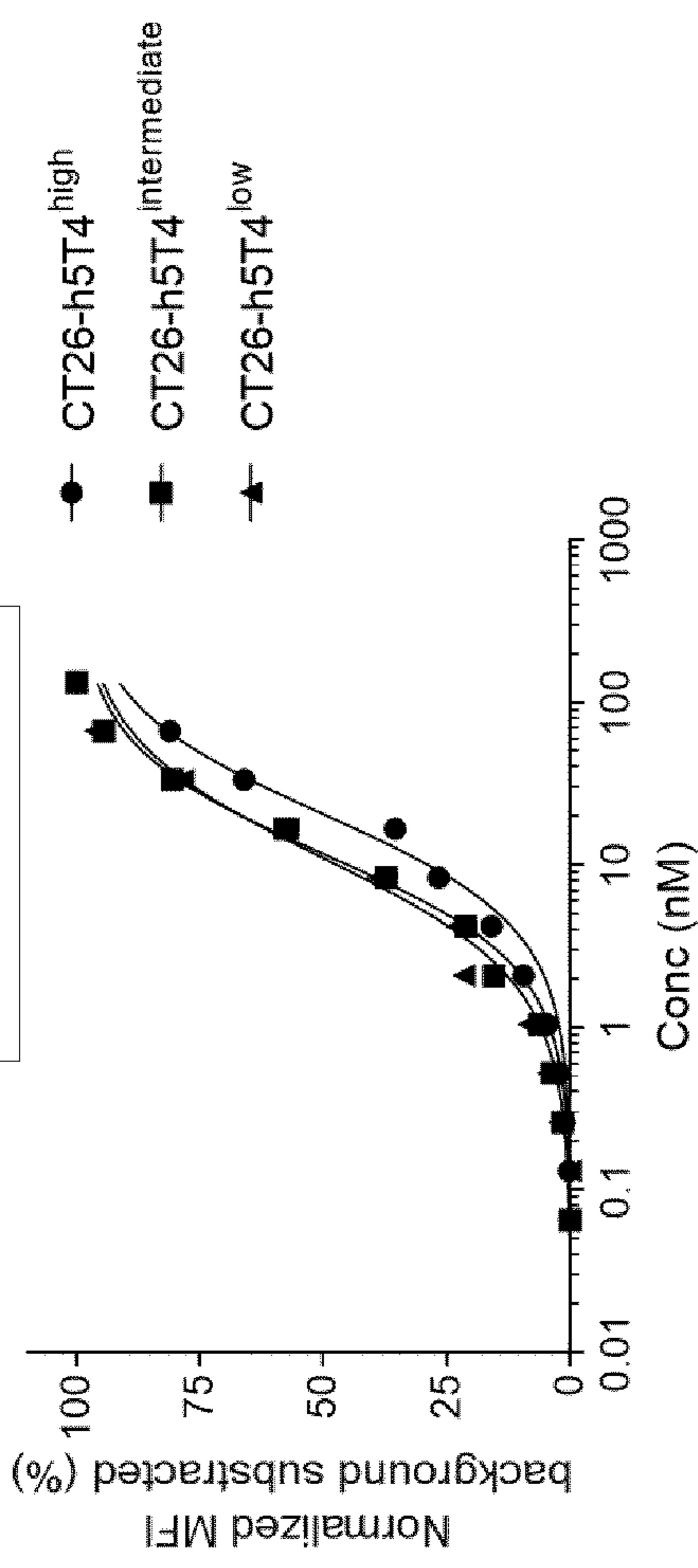


FIG. 40B

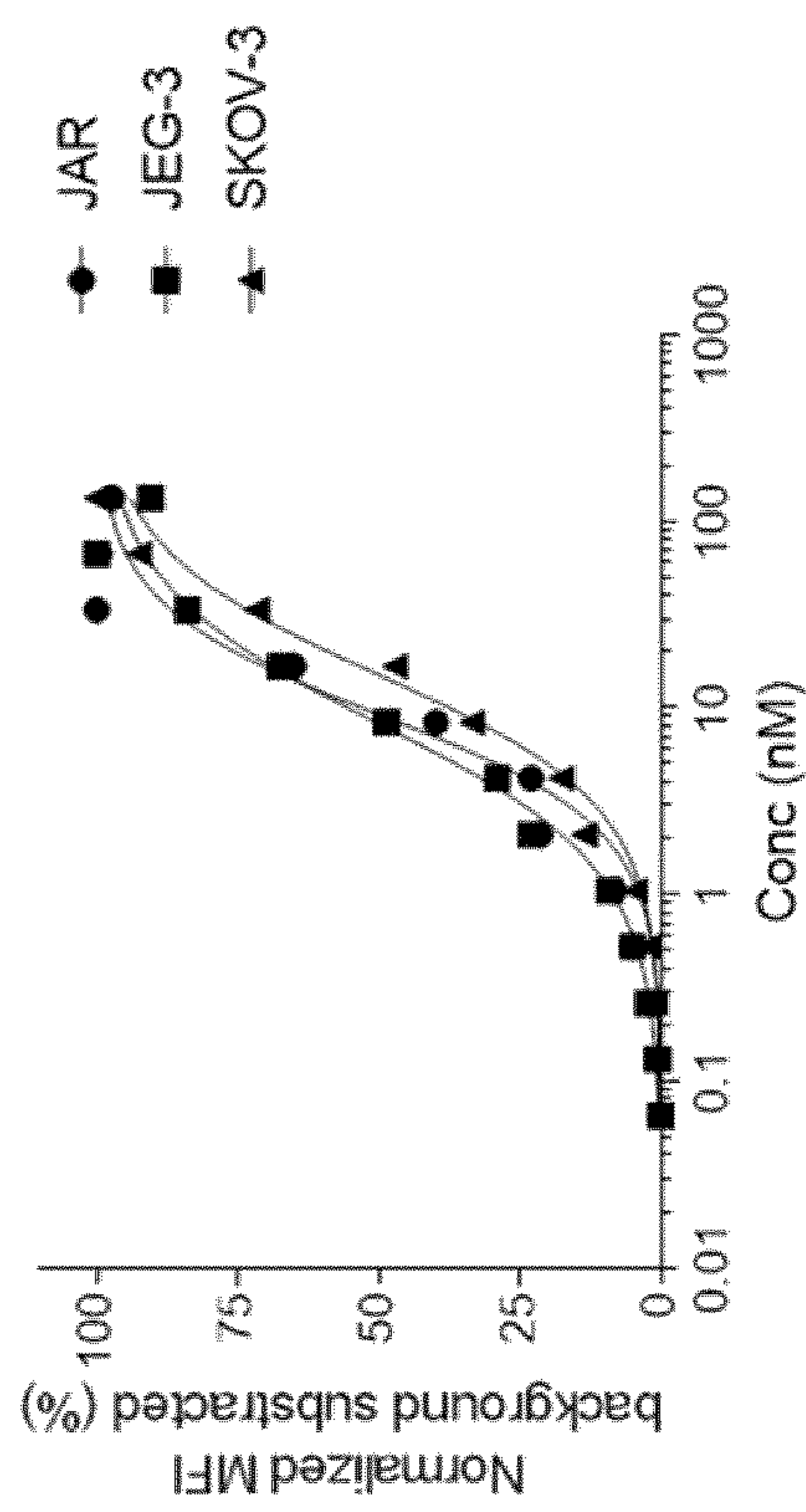


FIG. 40D

