

Figure 1A

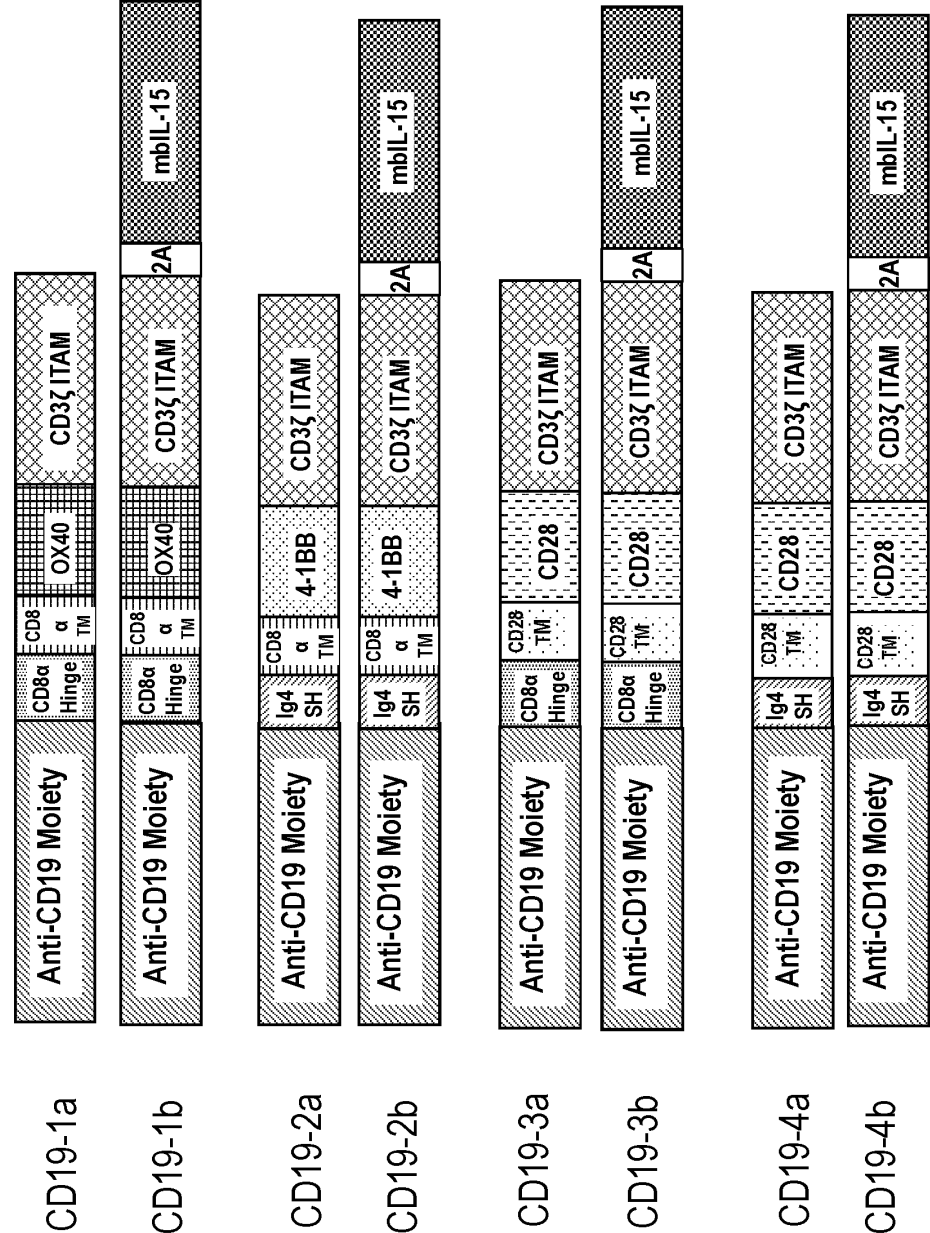


Figure 1B

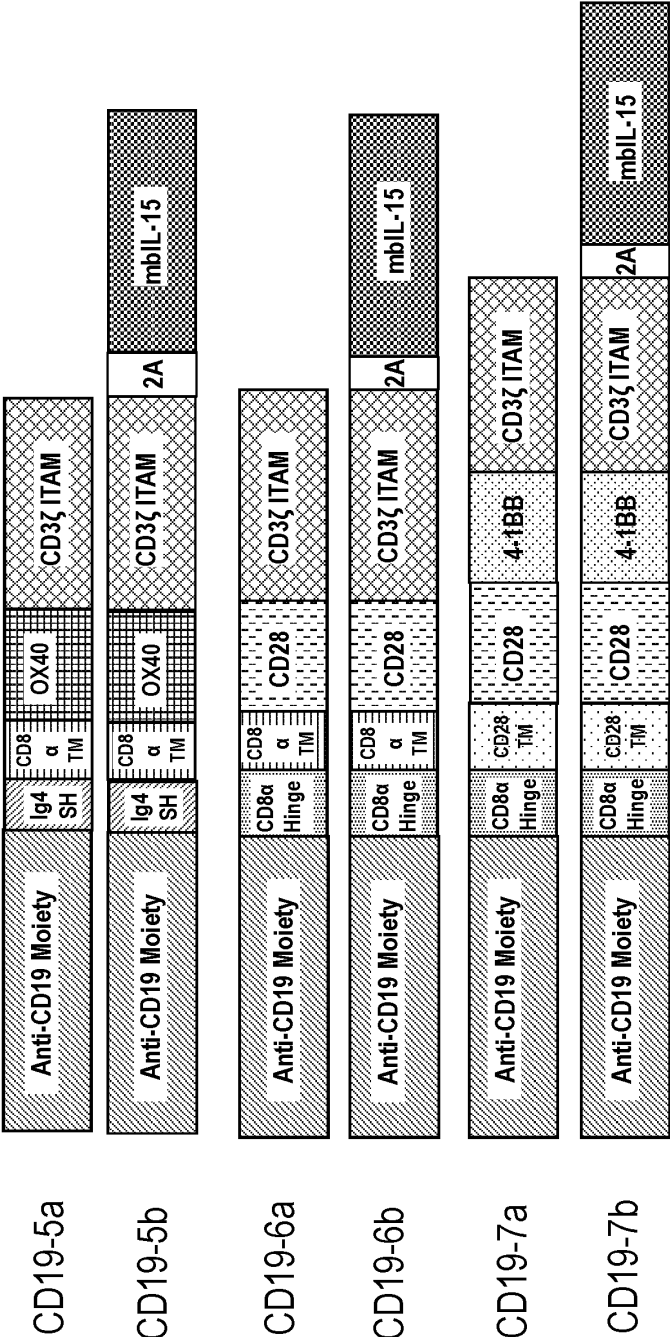


Figure 2

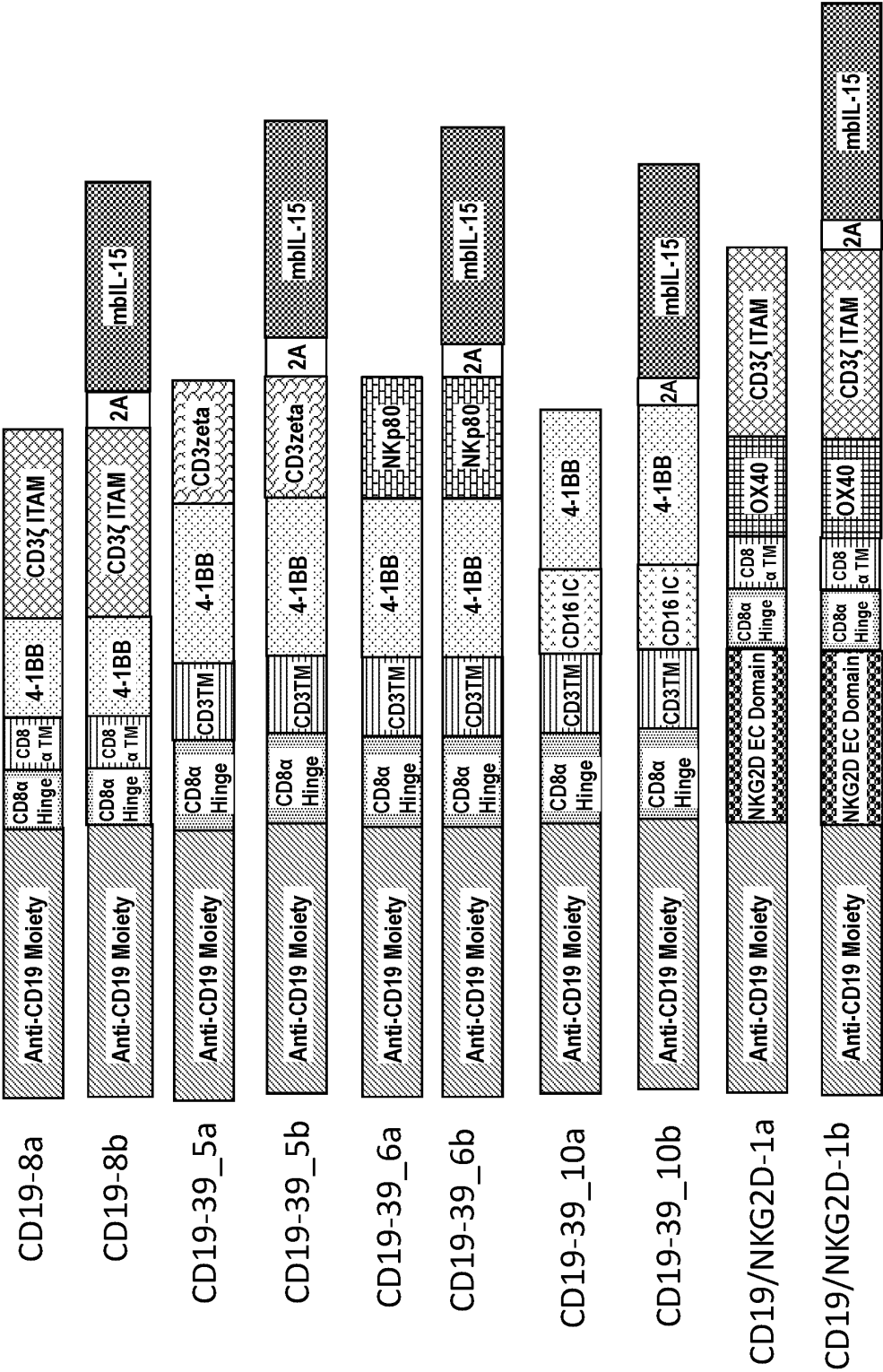


Figure 3A

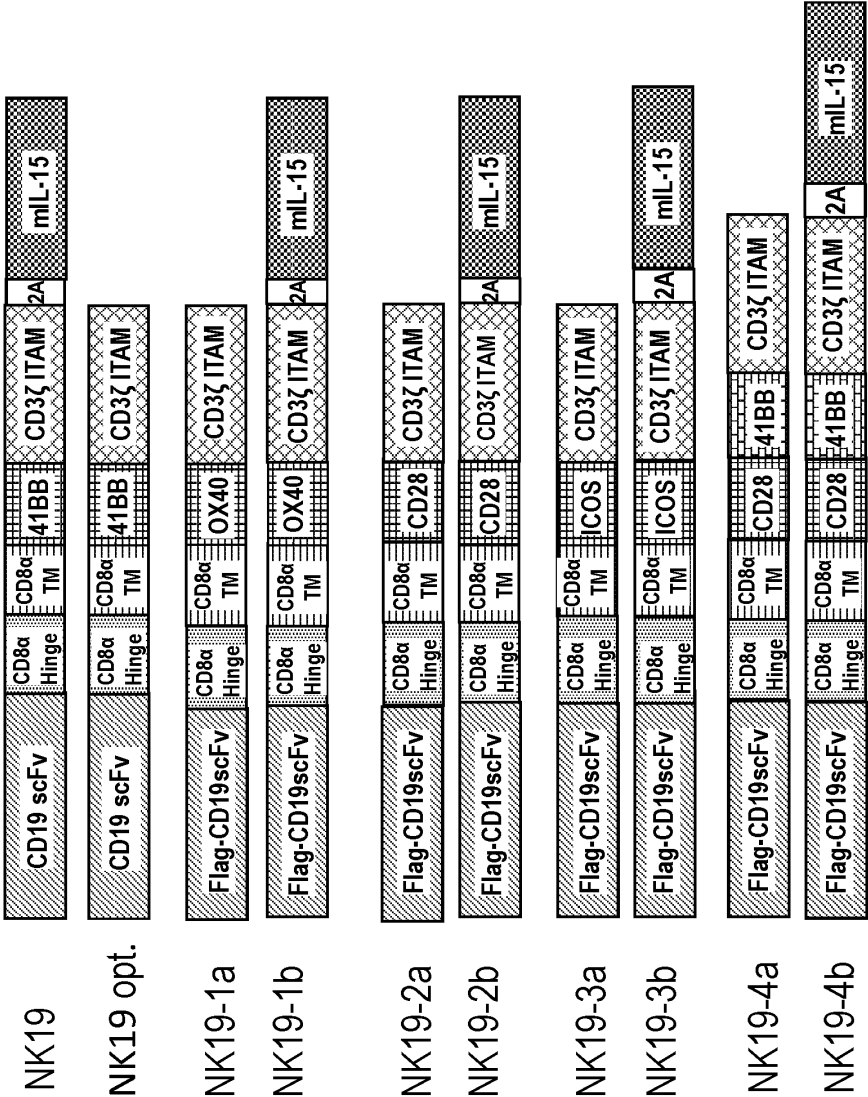


Figure 3B

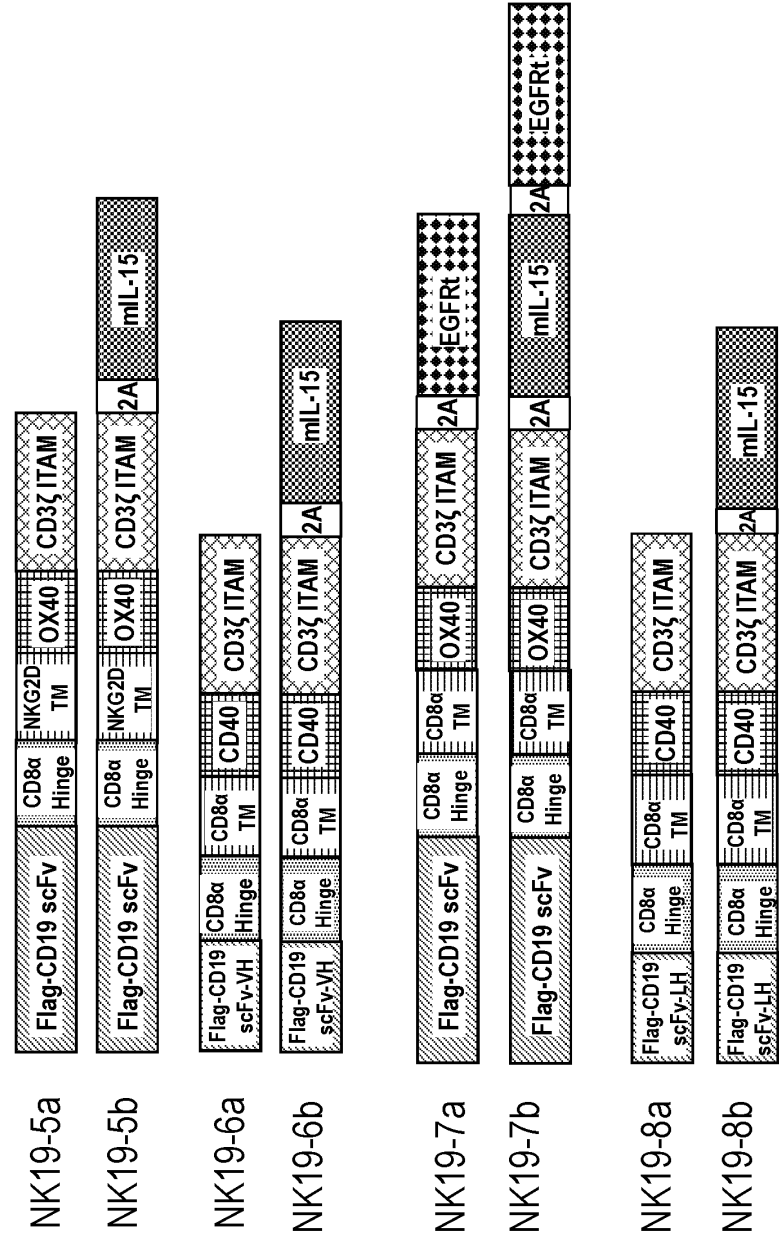


Figure 3C

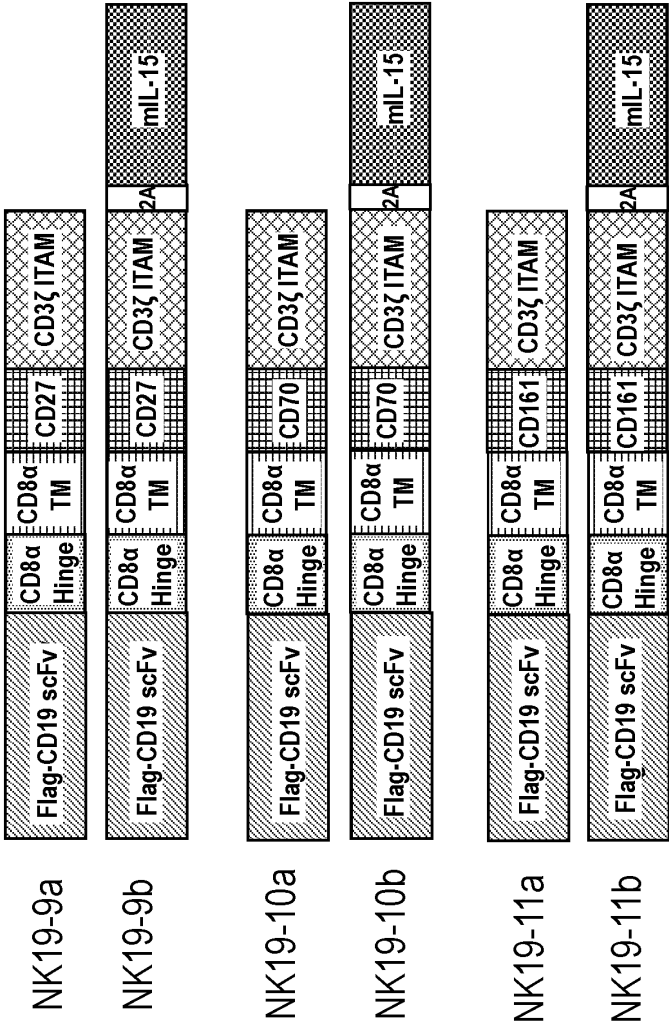


Figure 3C Cont.

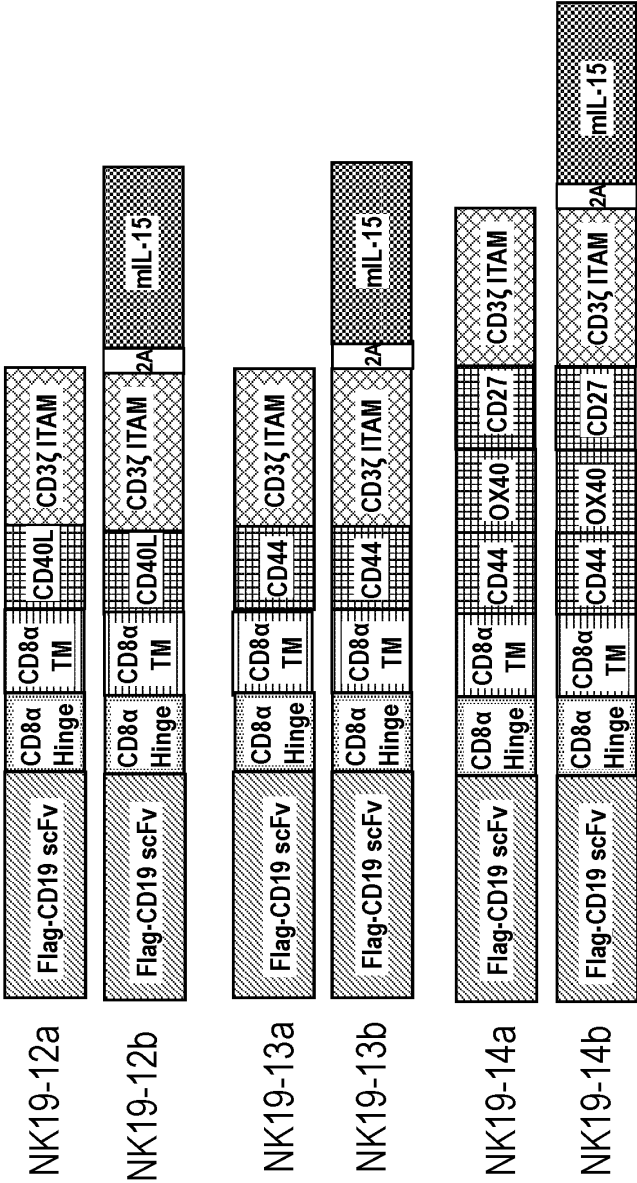


Figure 3E

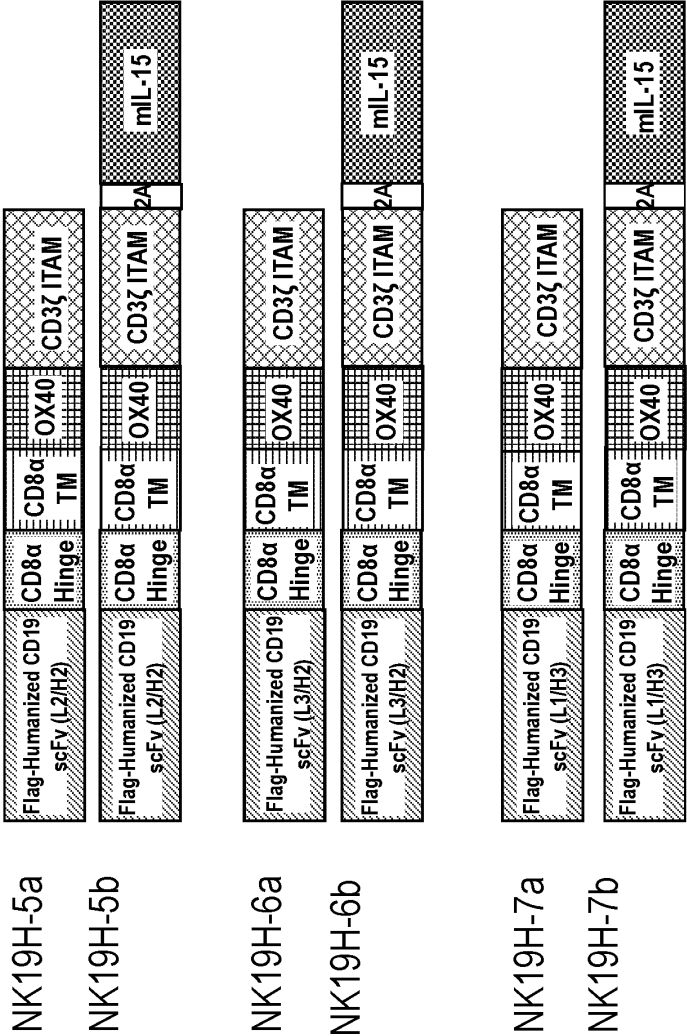


Figure 3E Cont.

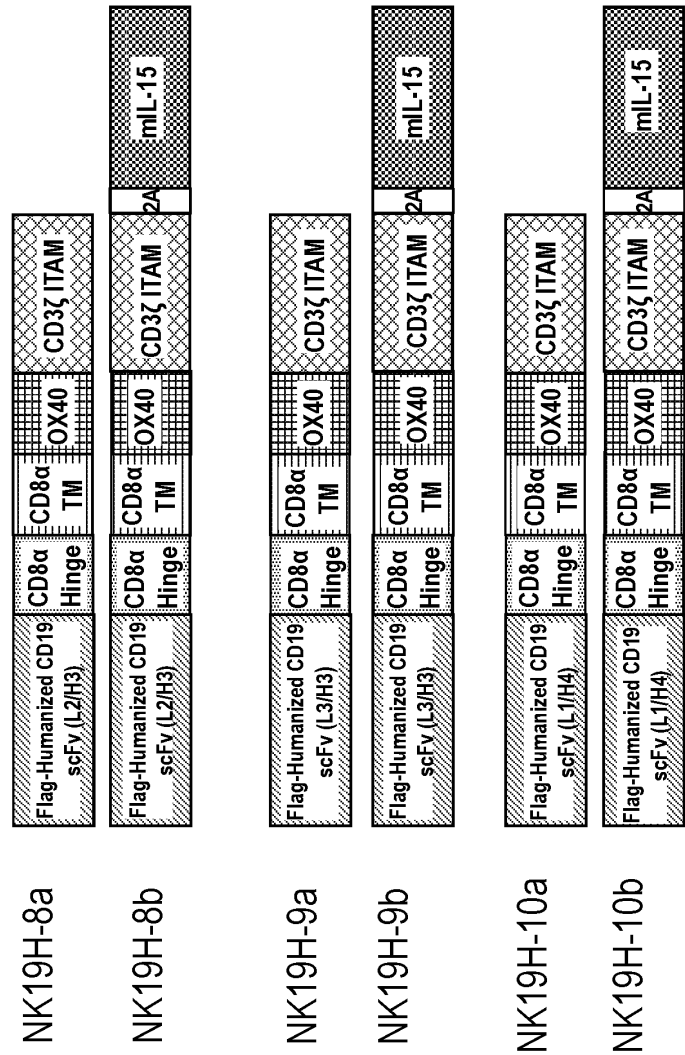


Figure 3F

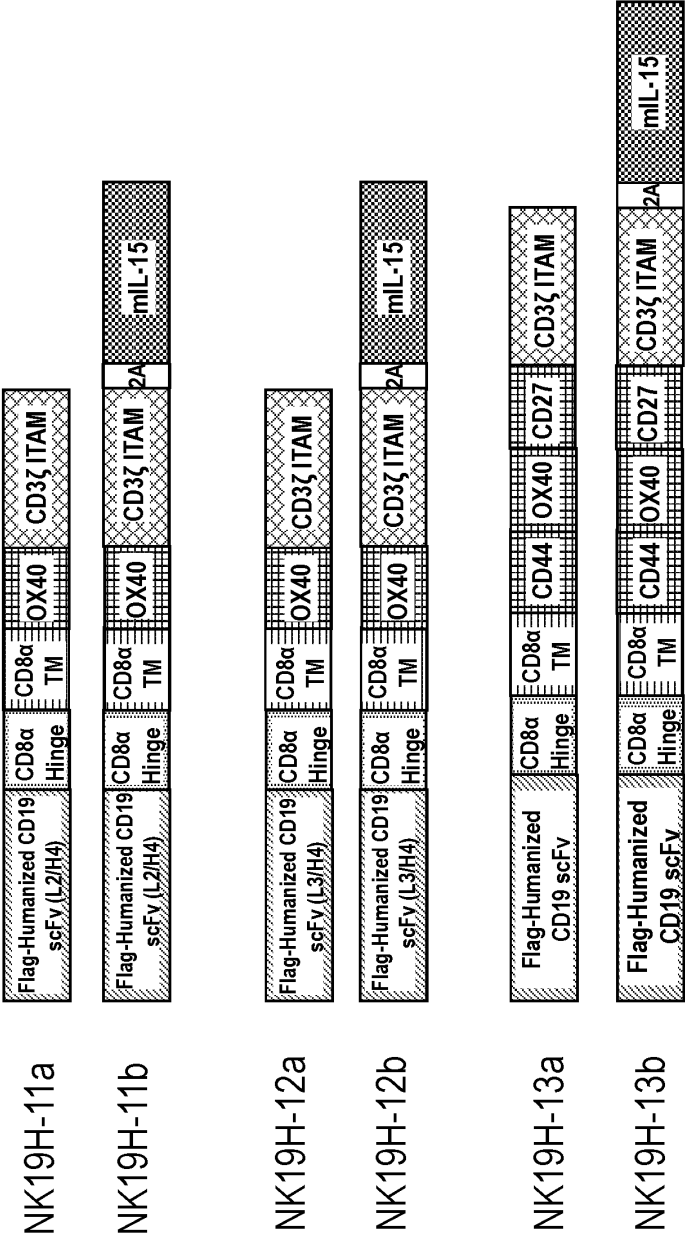


Figure 3G

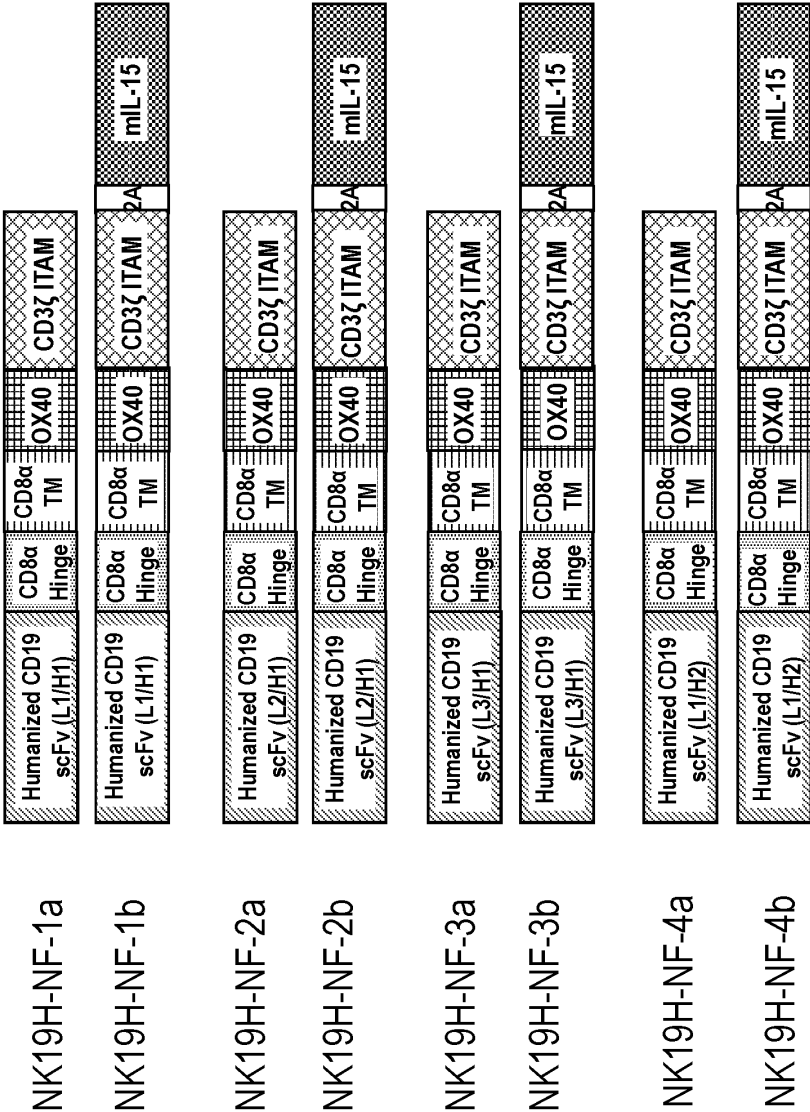


Figure 3H

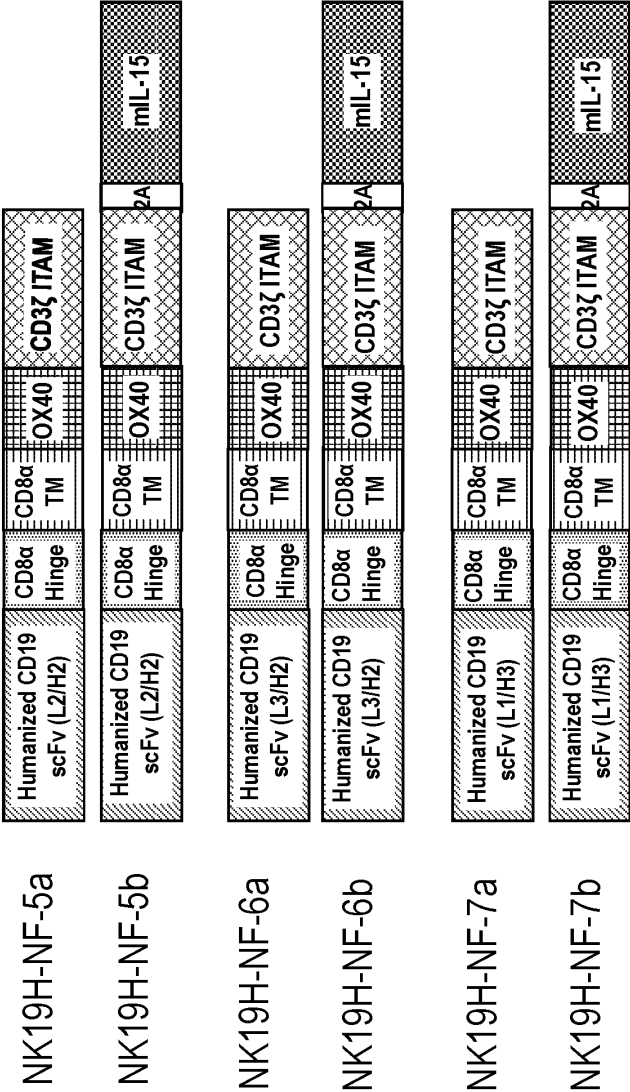


Figure 3H Cont.

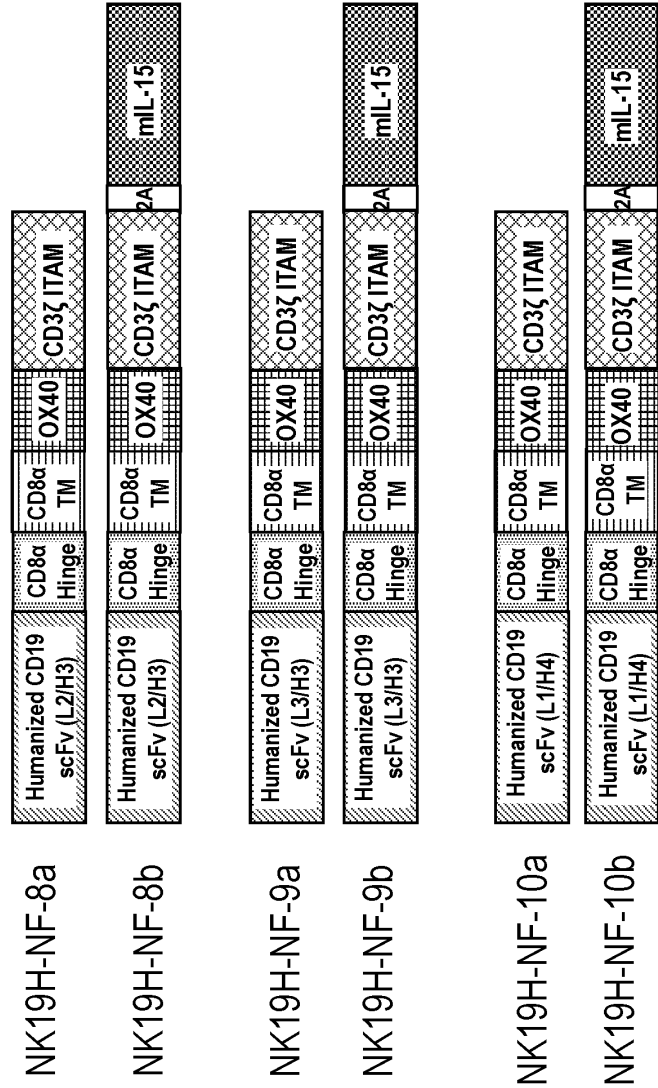


Figure 3I

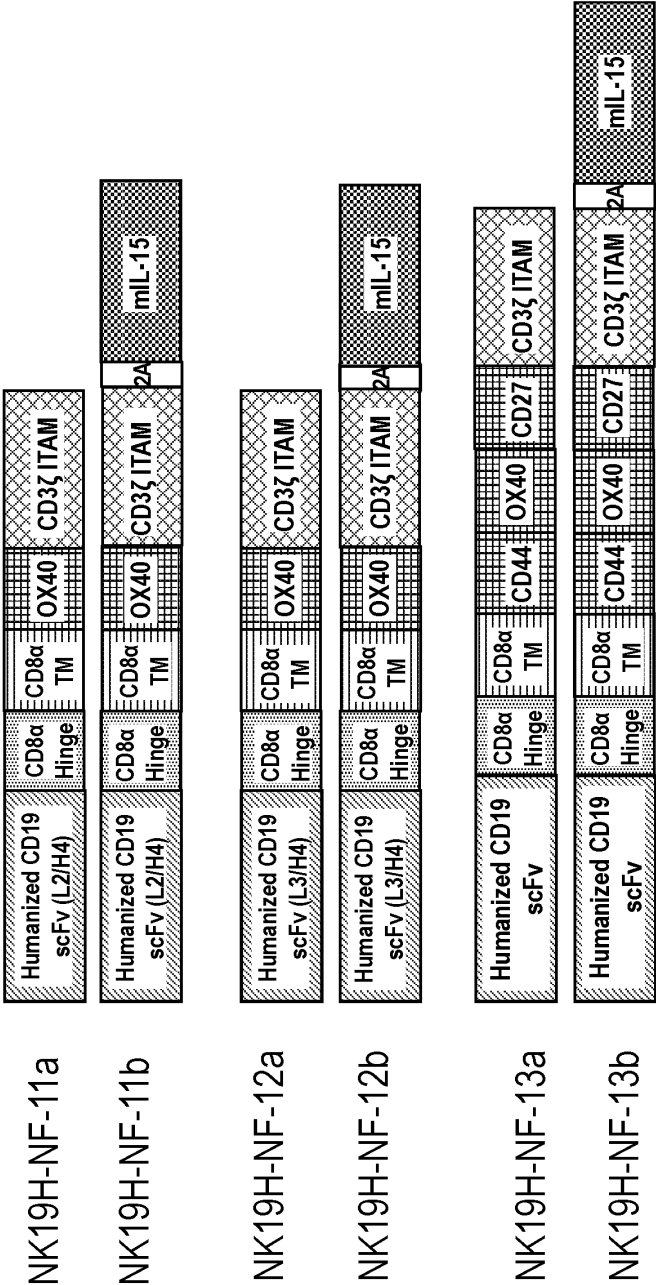


Figure 4

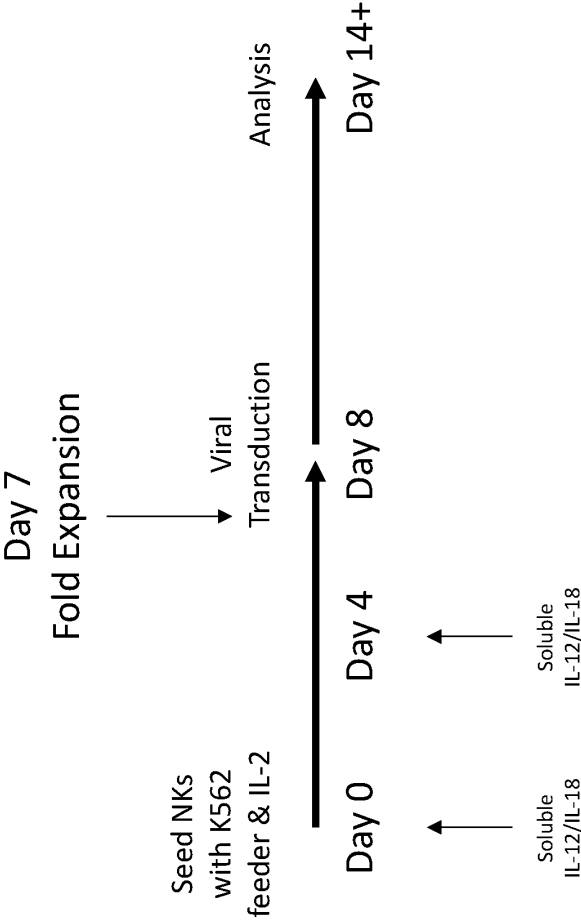
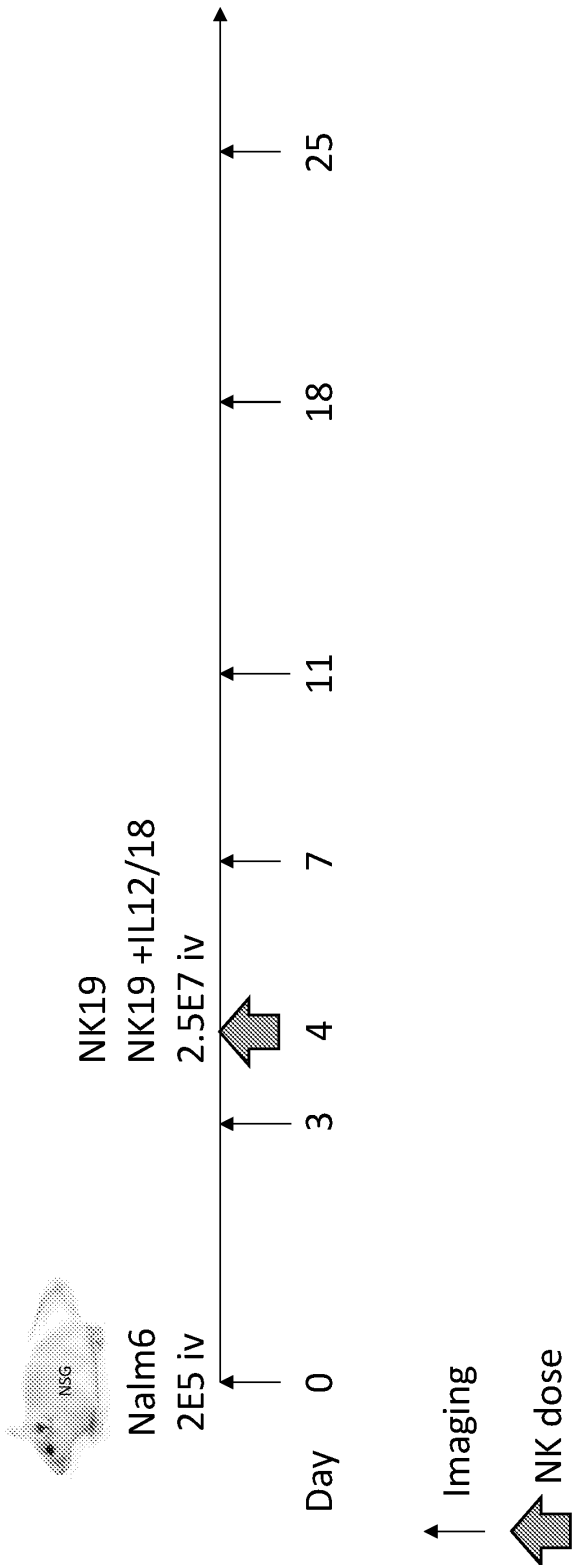


Figure 5



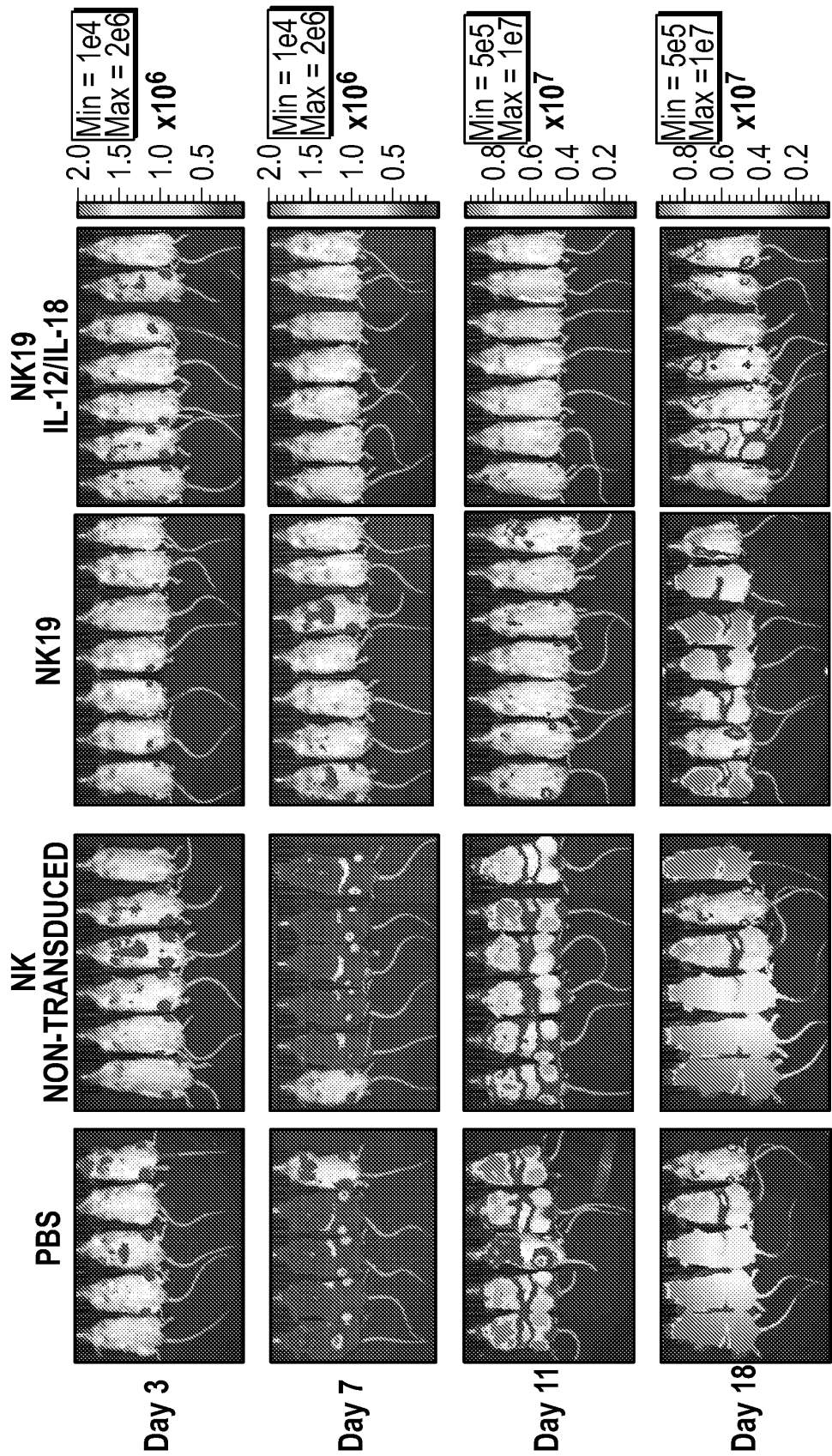
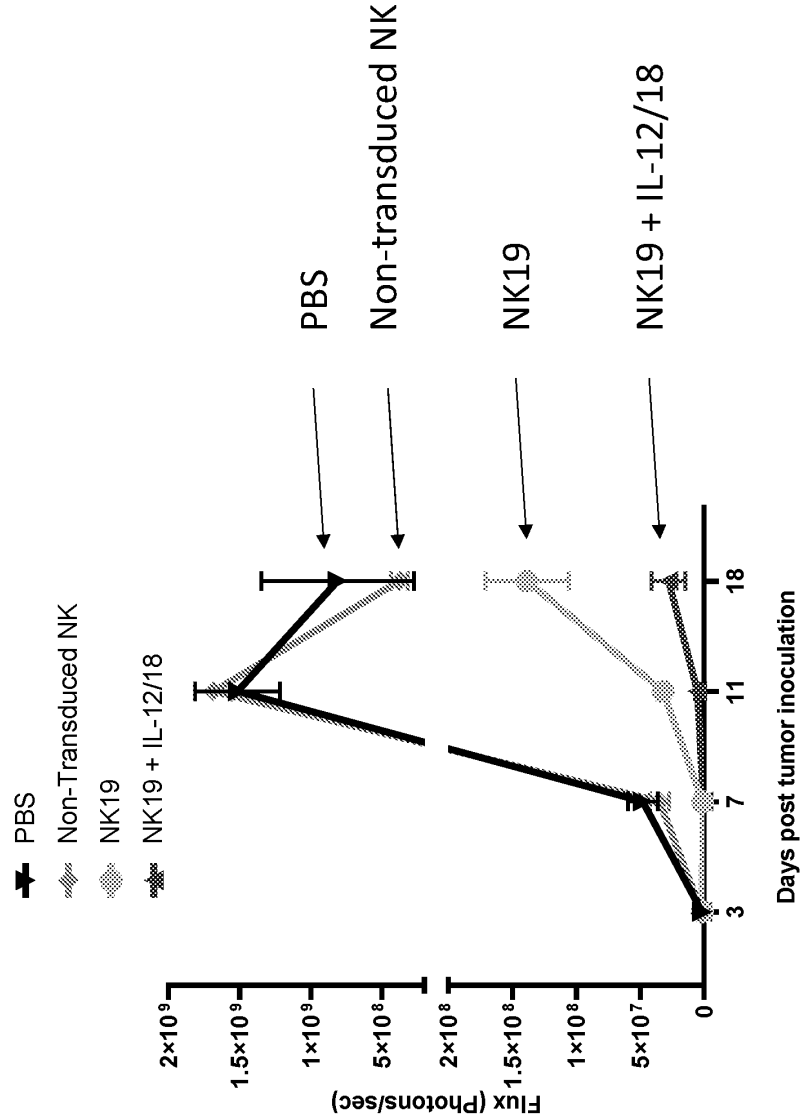


FIG. 6A

Figure 6B



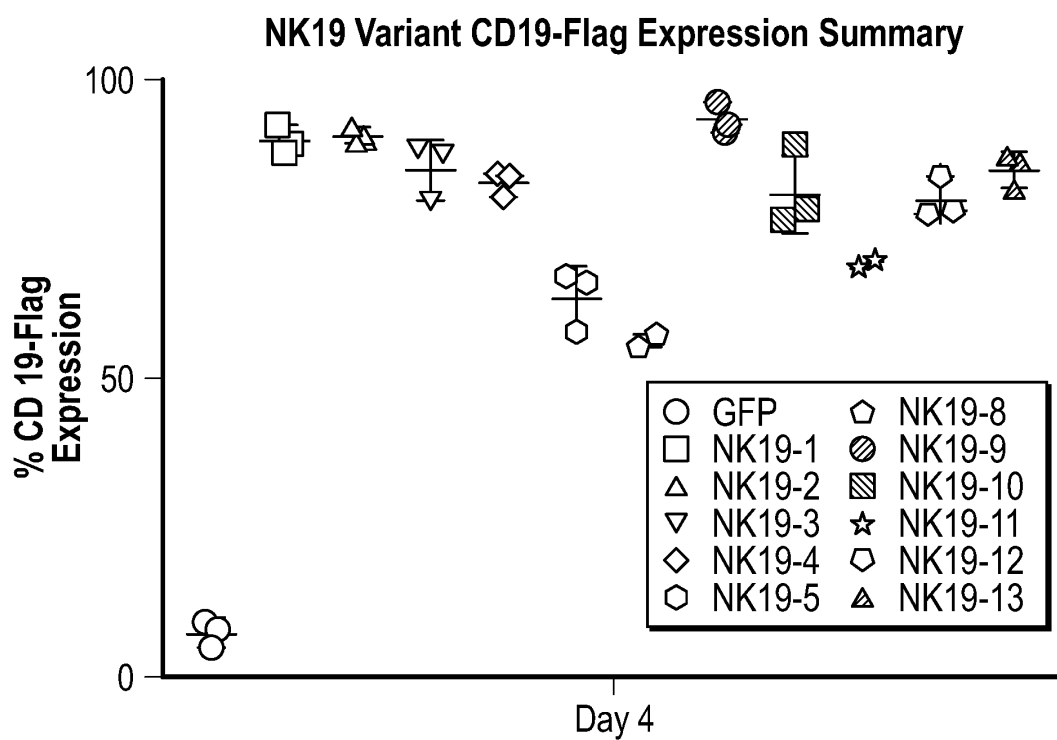
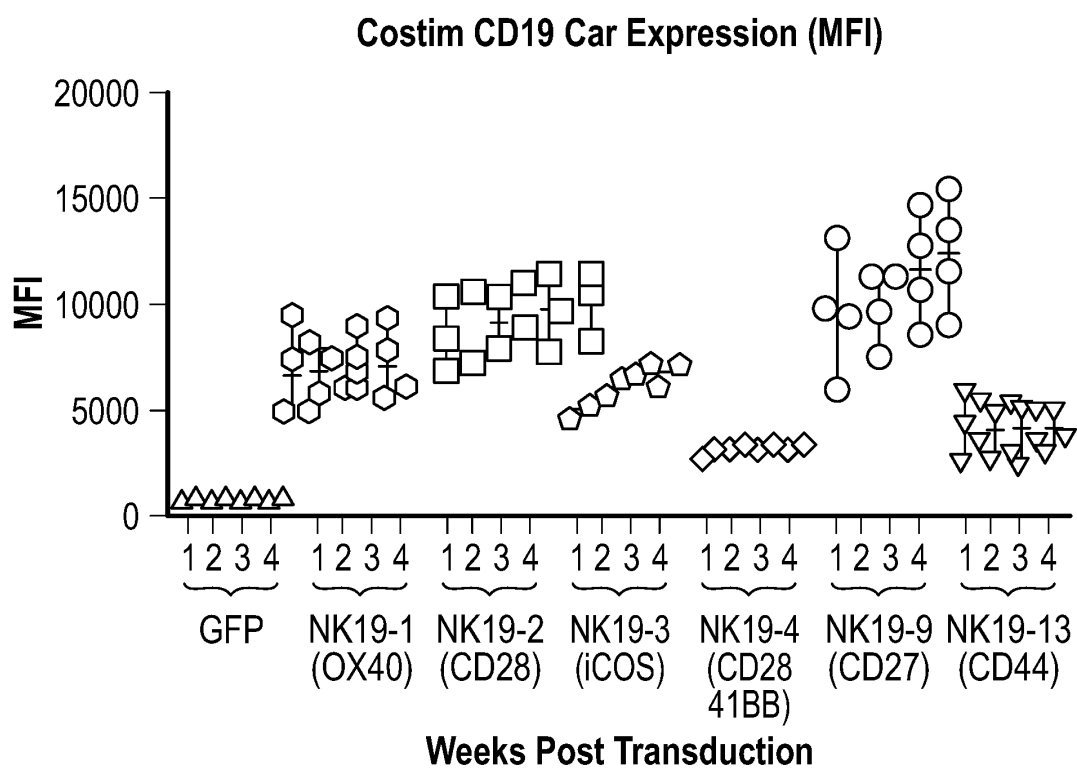
**FIG. 7****FIG. 8A**

Figure 8B

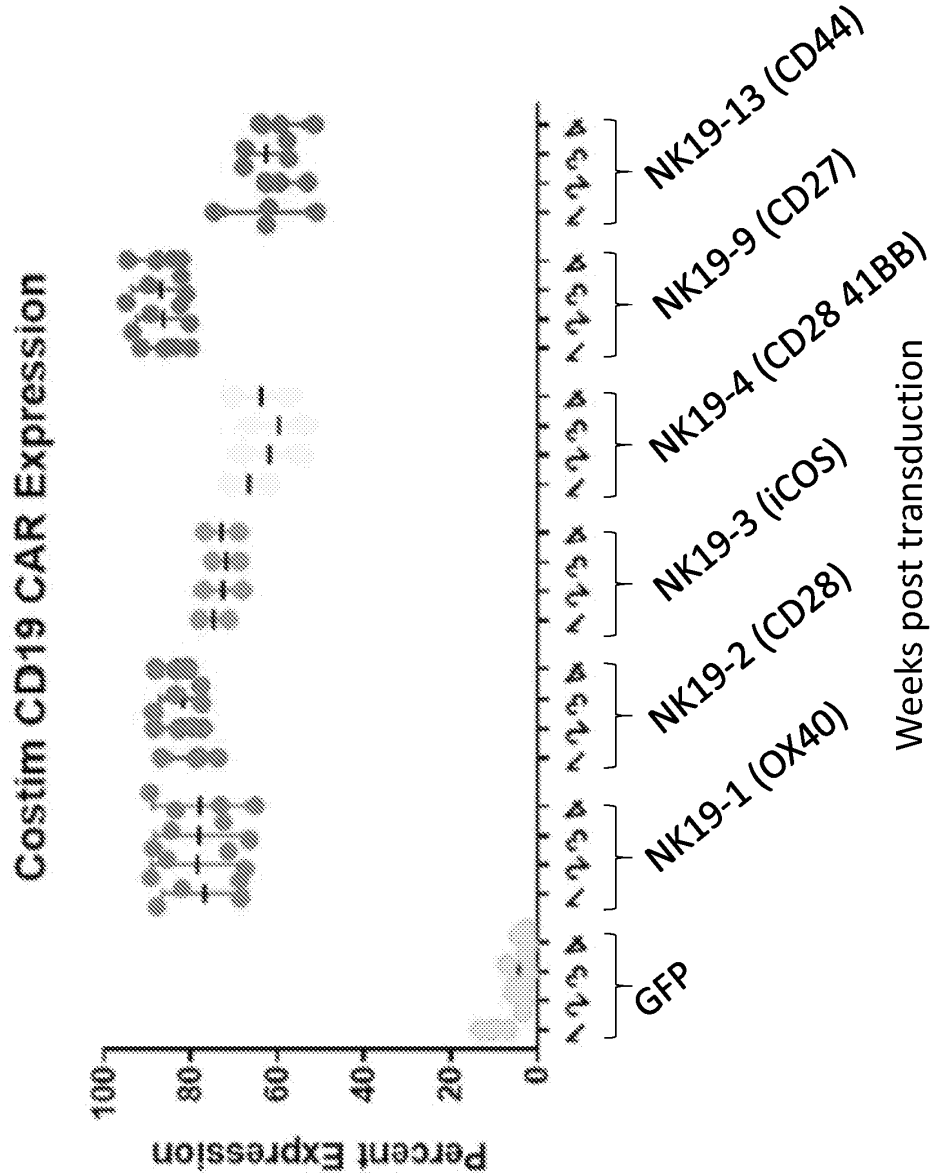


Figure 9A

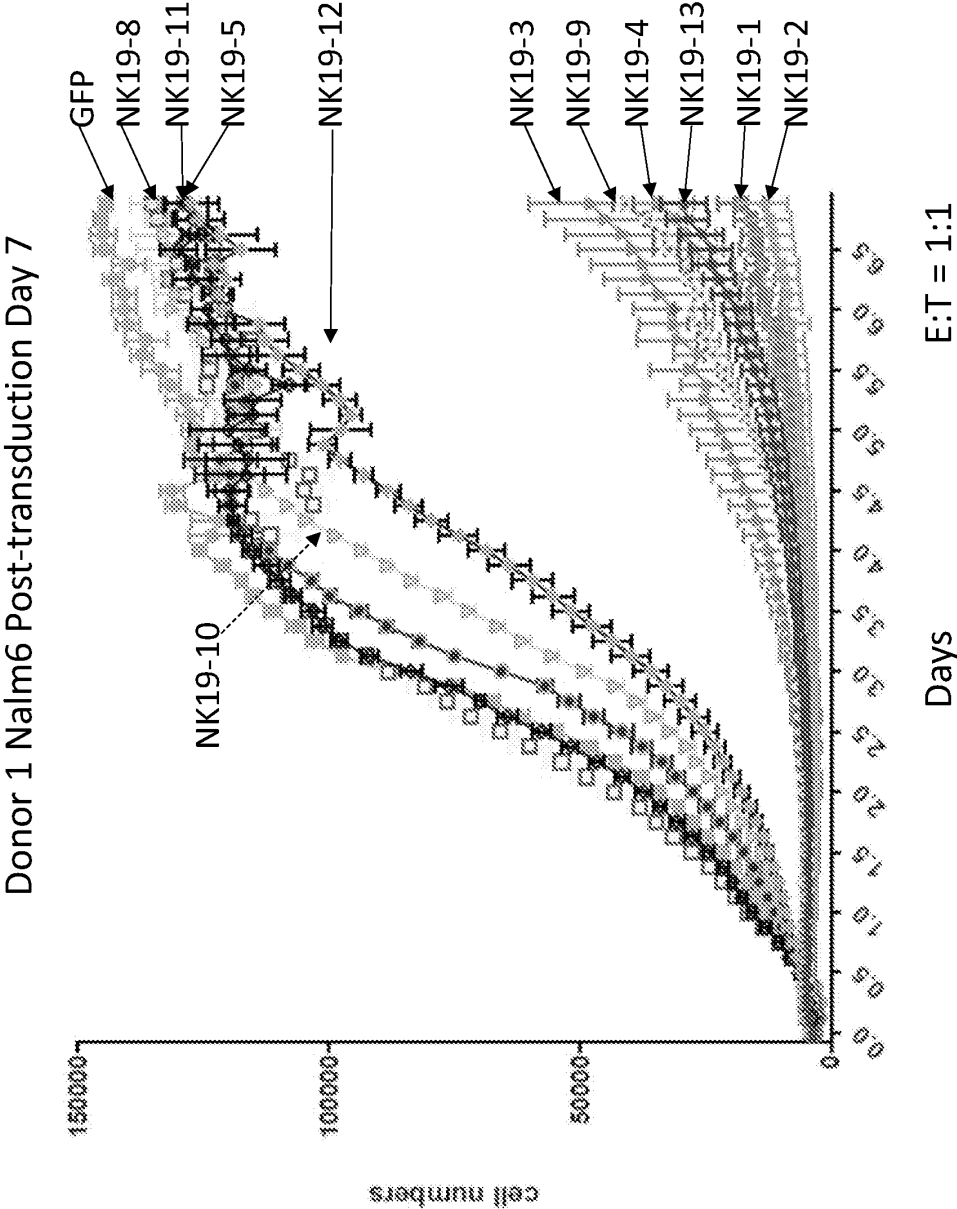


Figure 9B

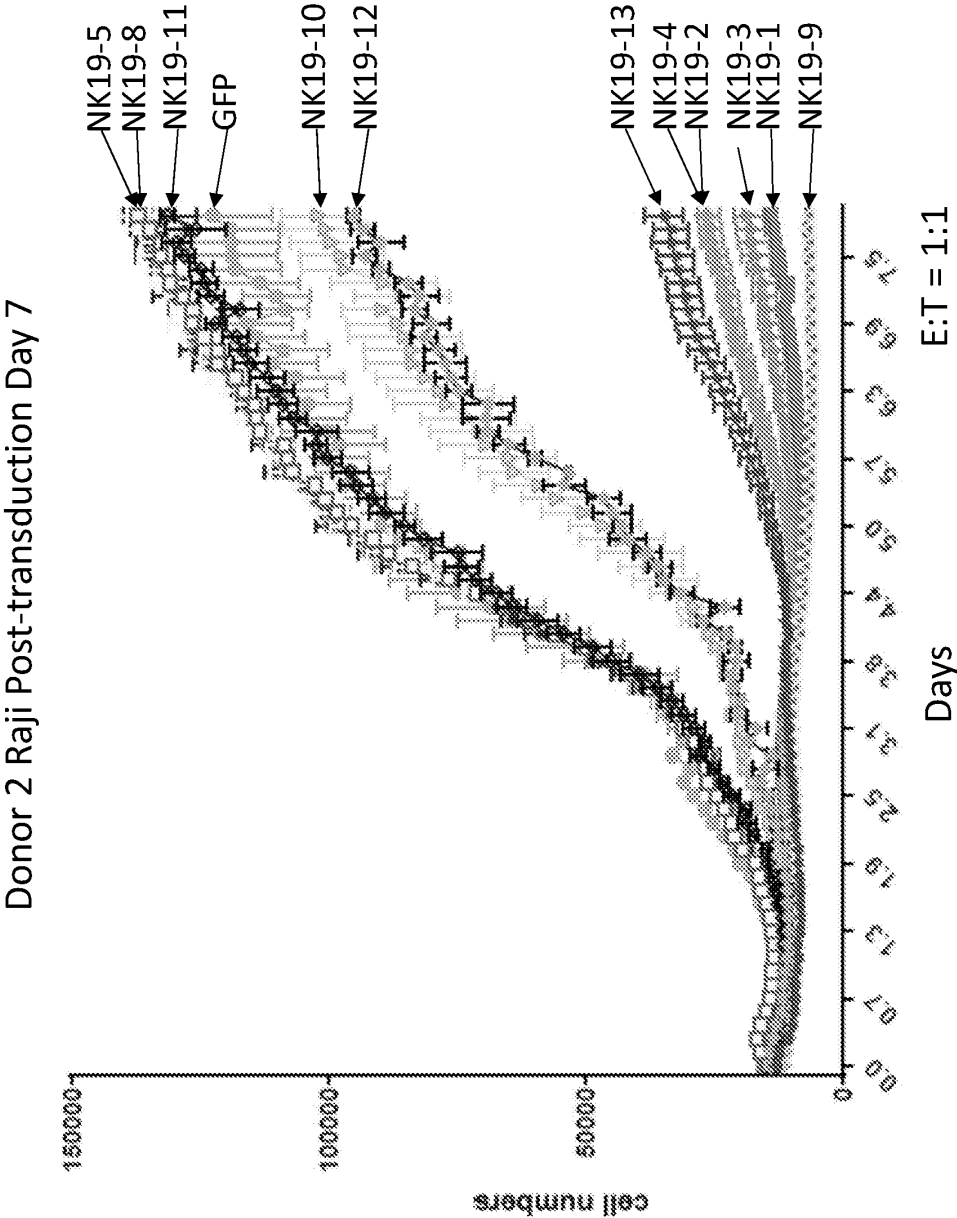


Figure 9C

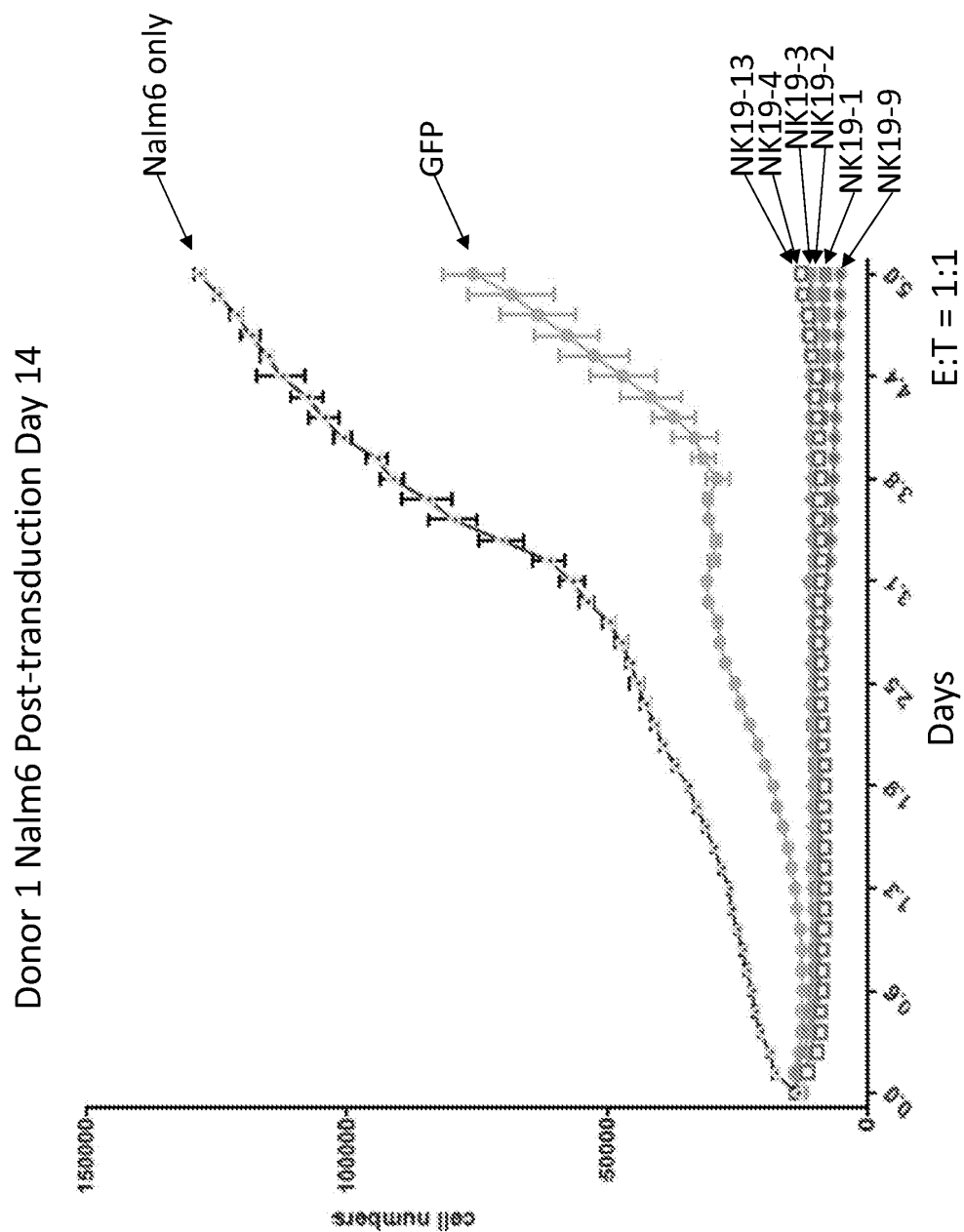


Figure 9D

Donor 2 Raji Post-transduction Day 14

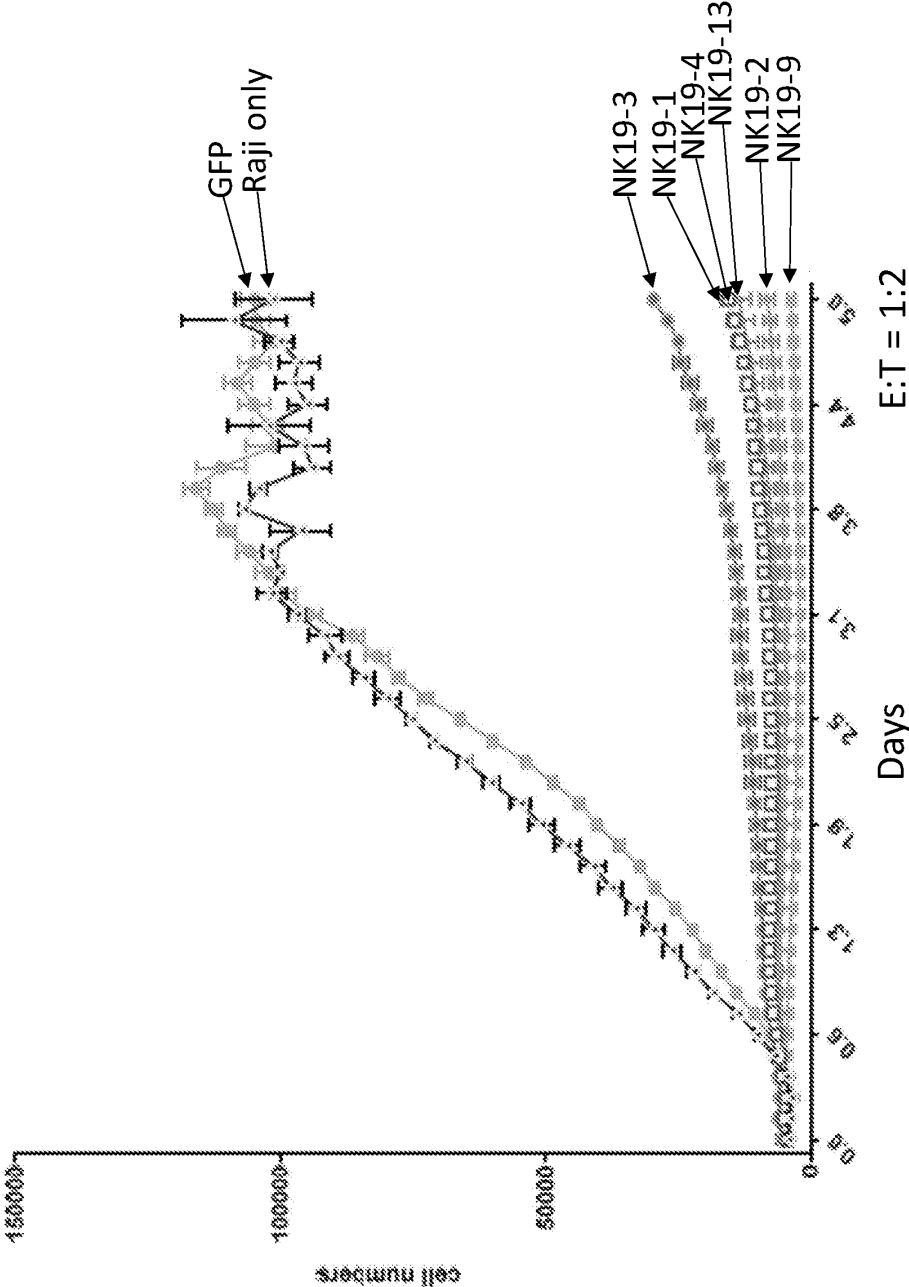
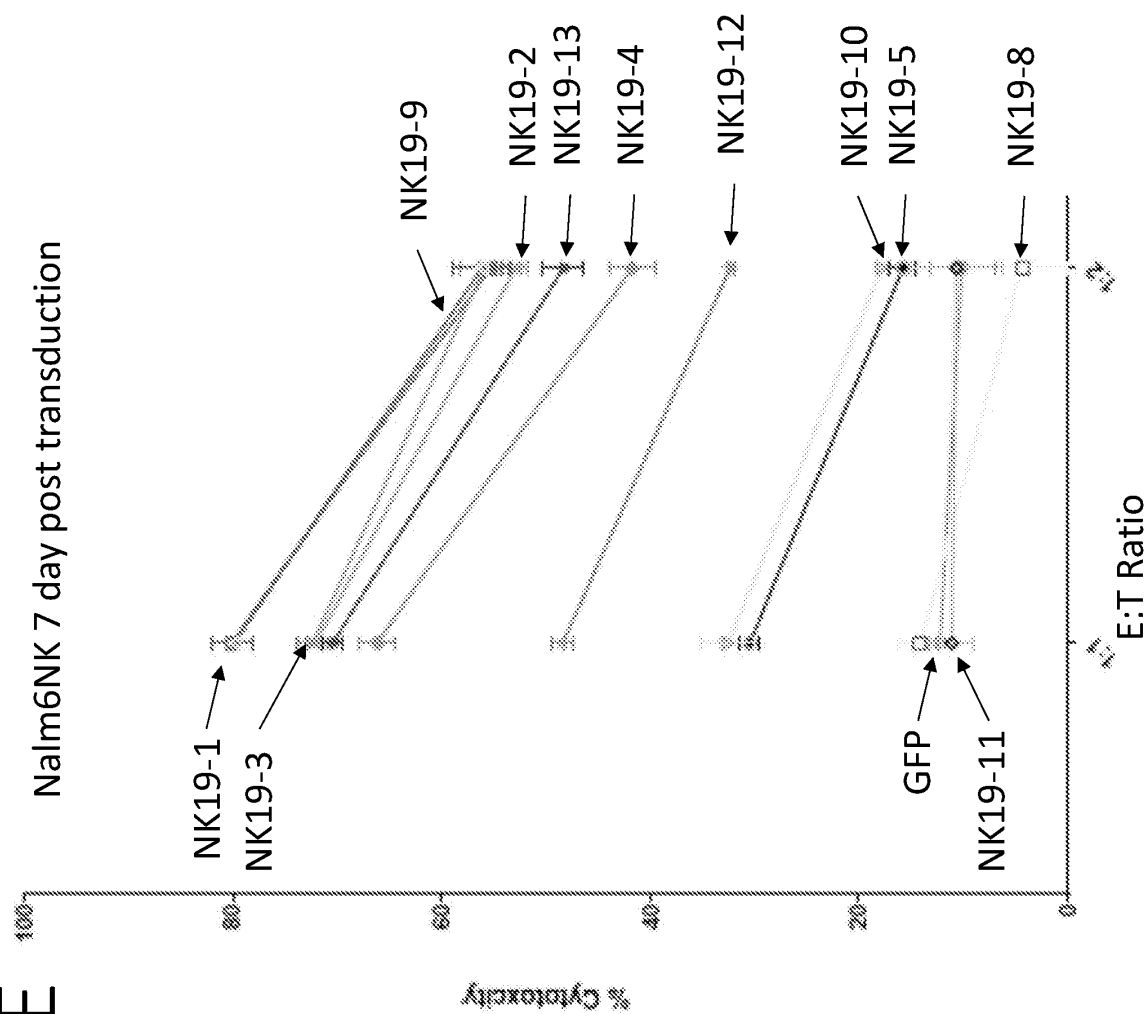


Figure 9E



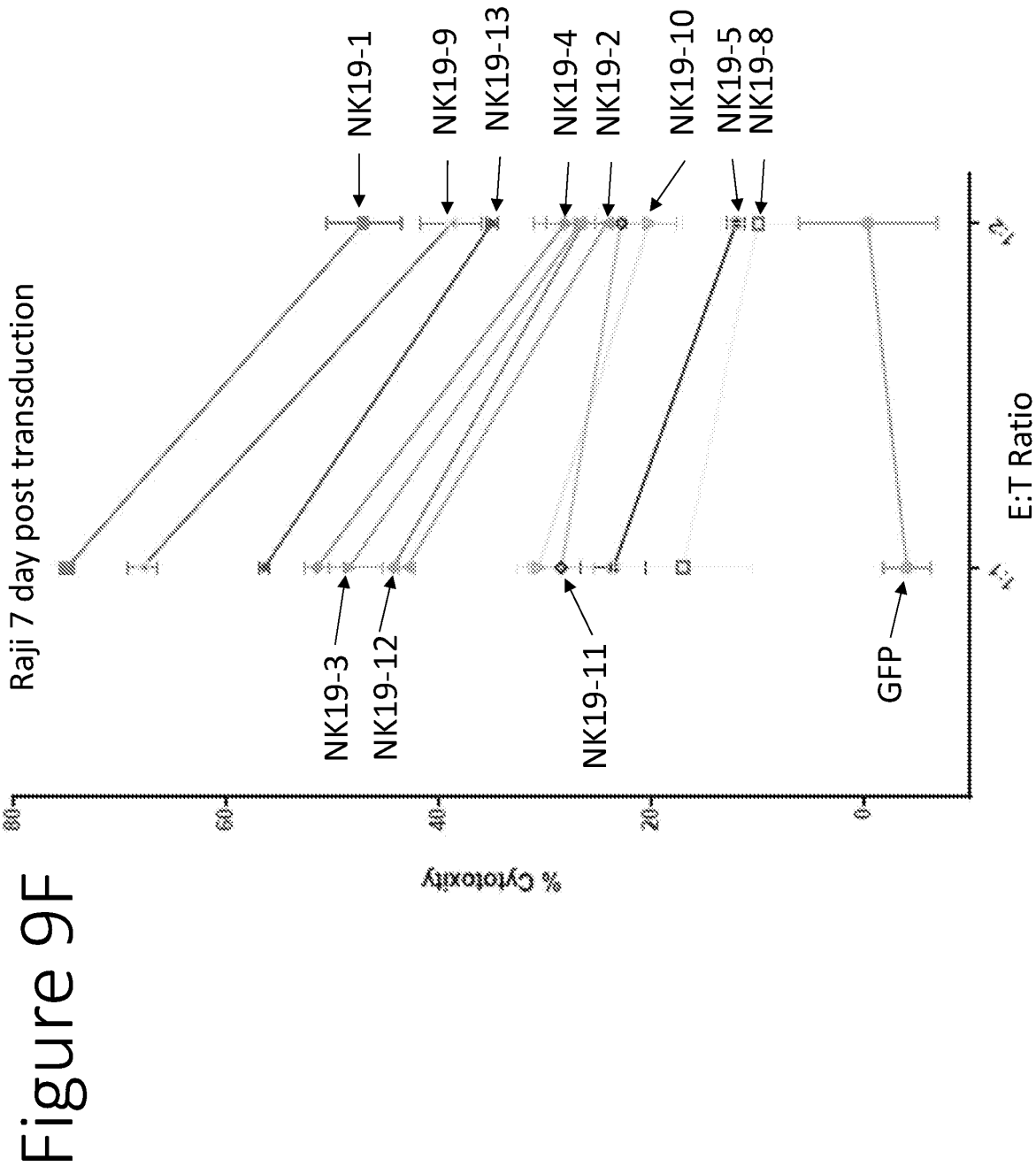


Figure 10A

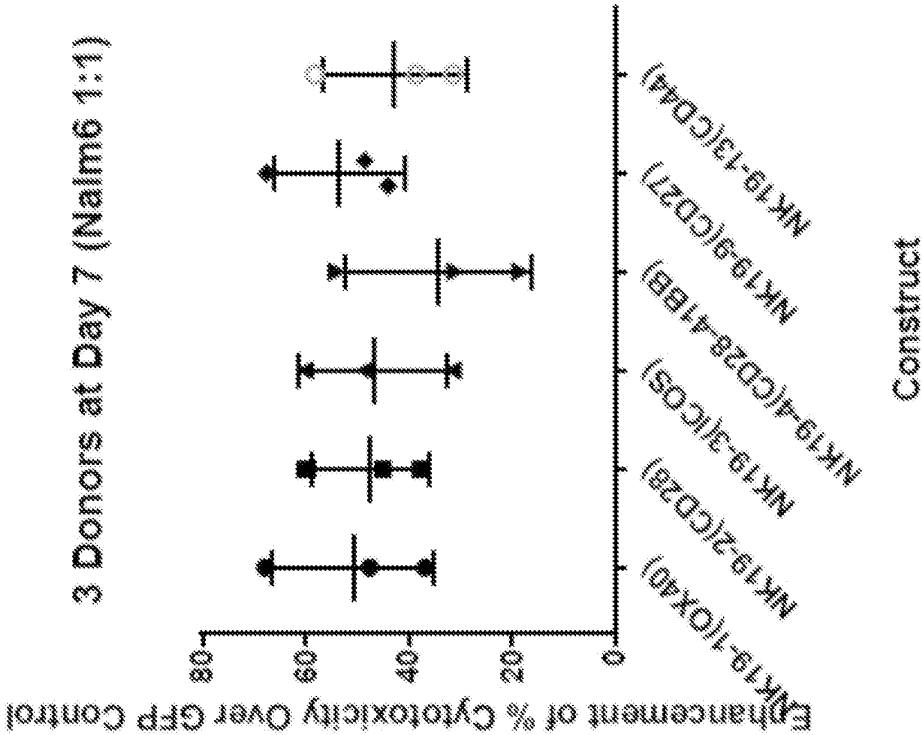


Figure 10B

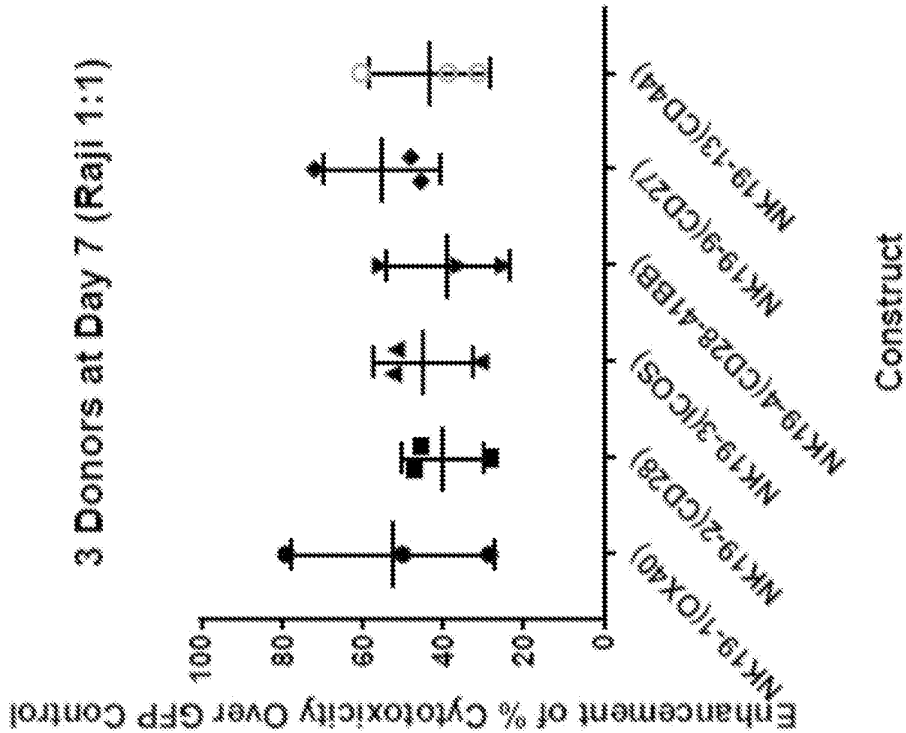


Figure 10C

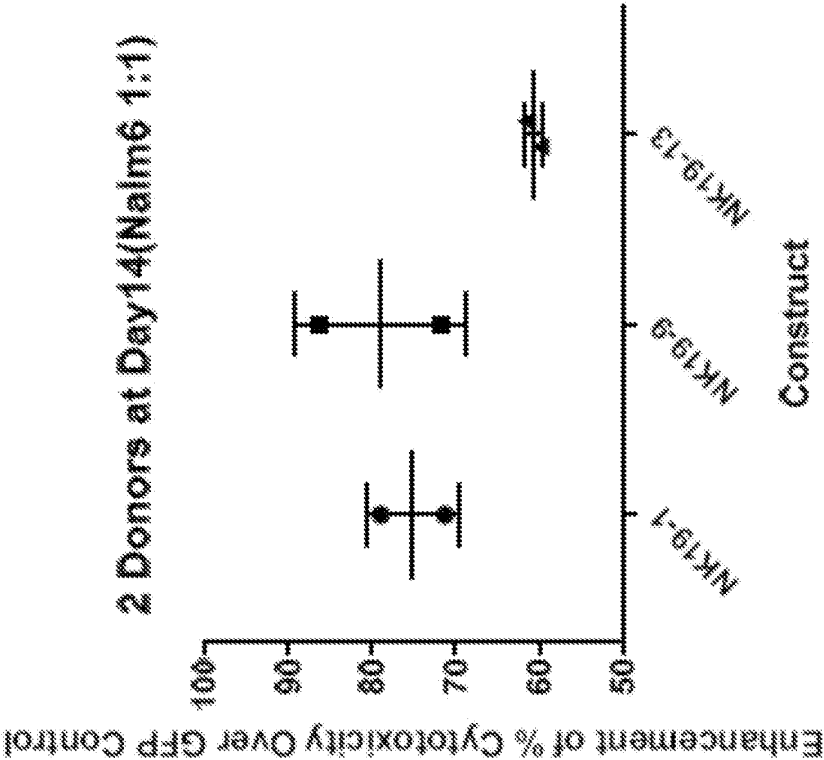


Figure 10D

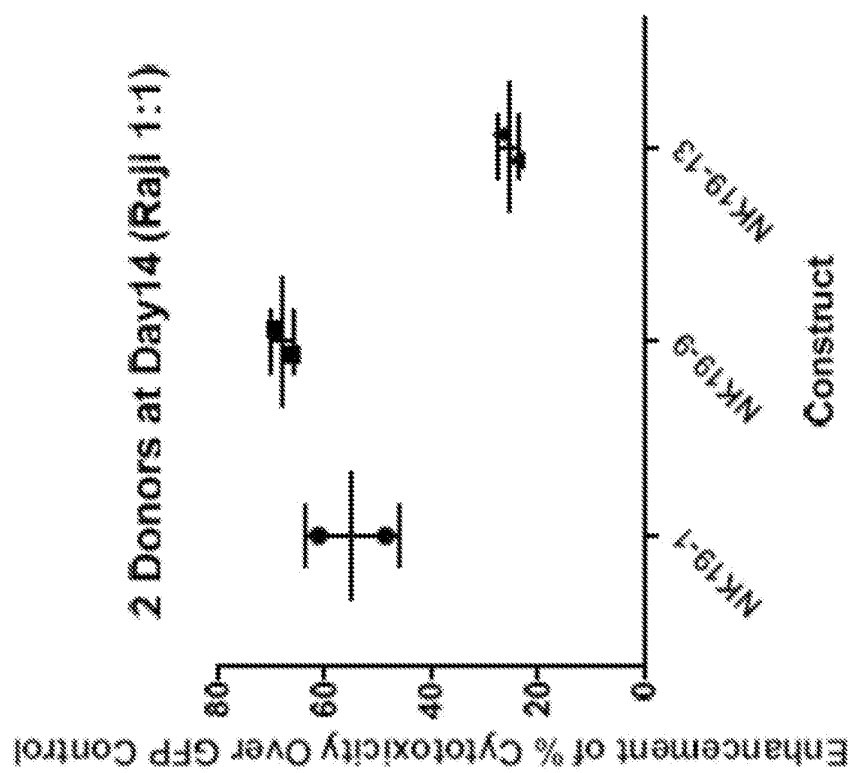


Figure 11A-B

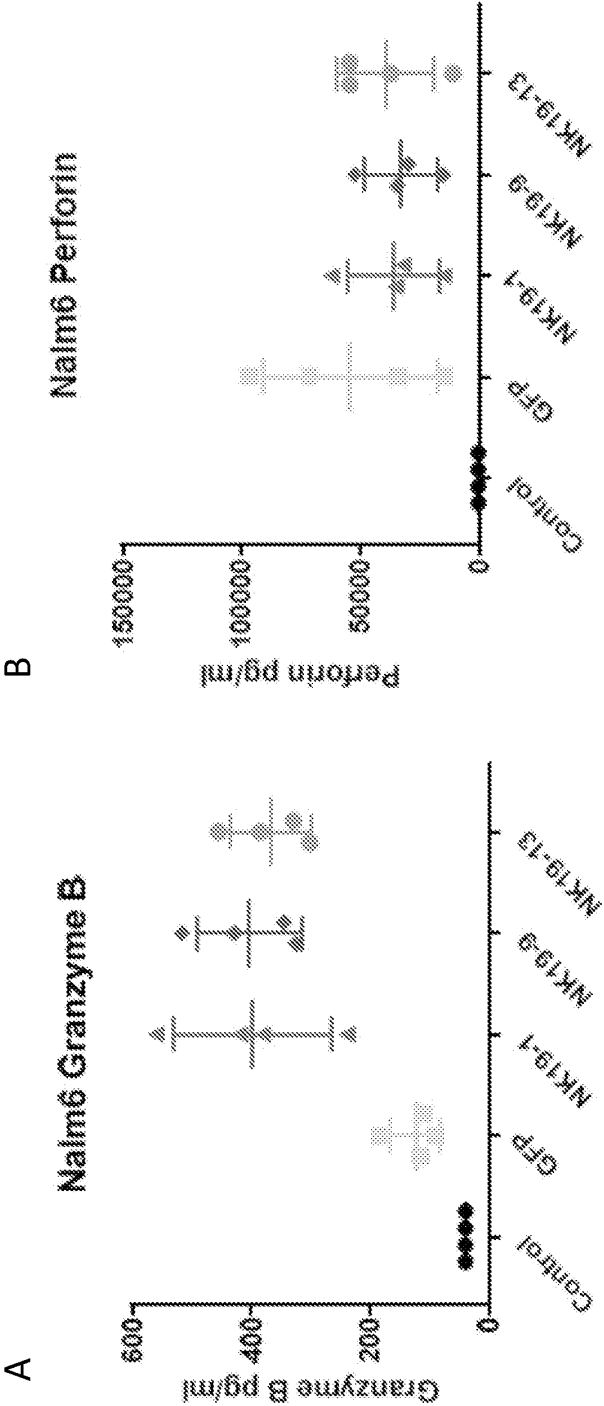


Figure 11C-D

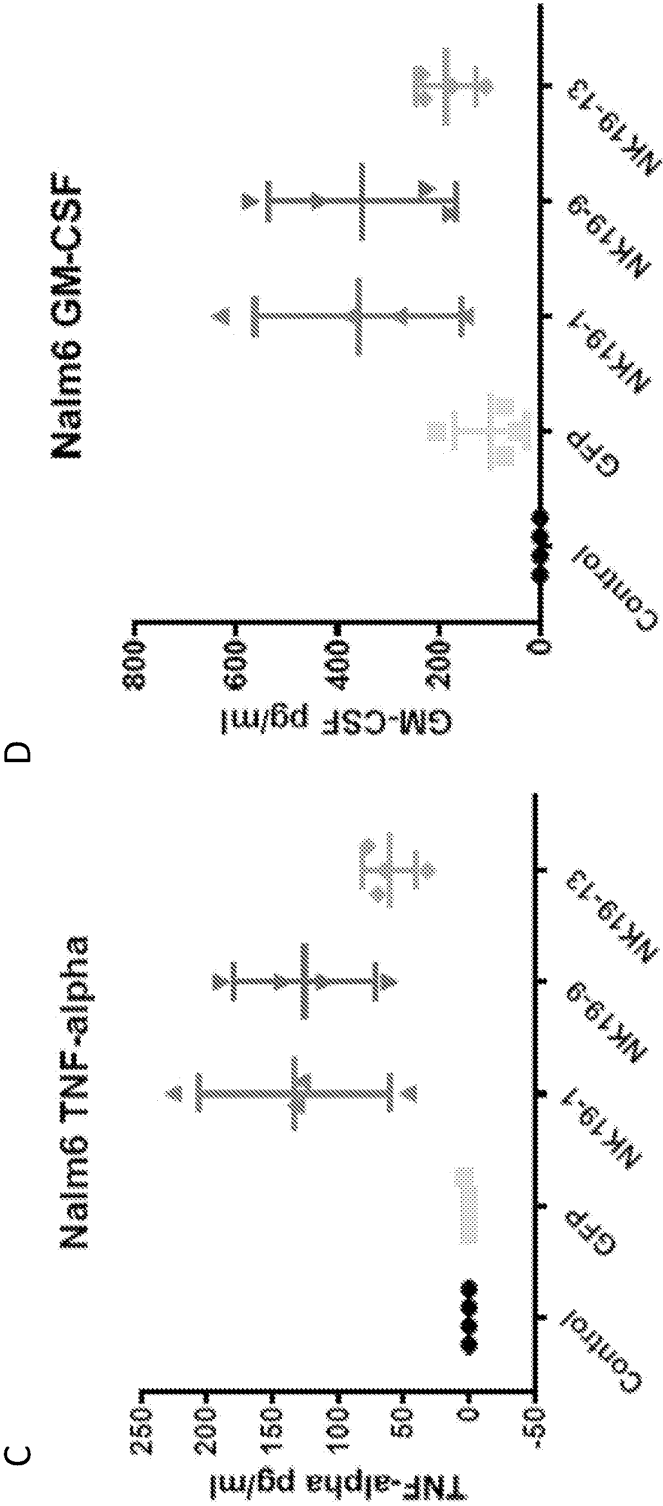


Figure 11E

E

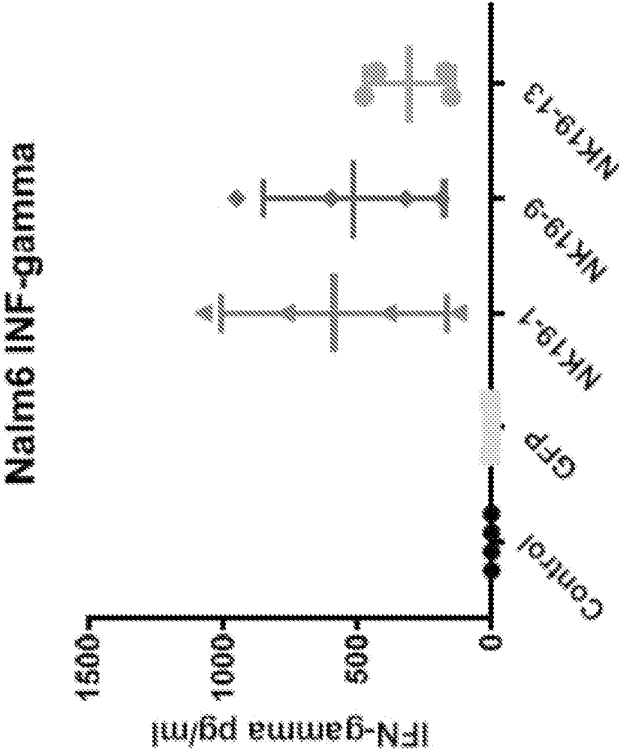


Figure 12A-B

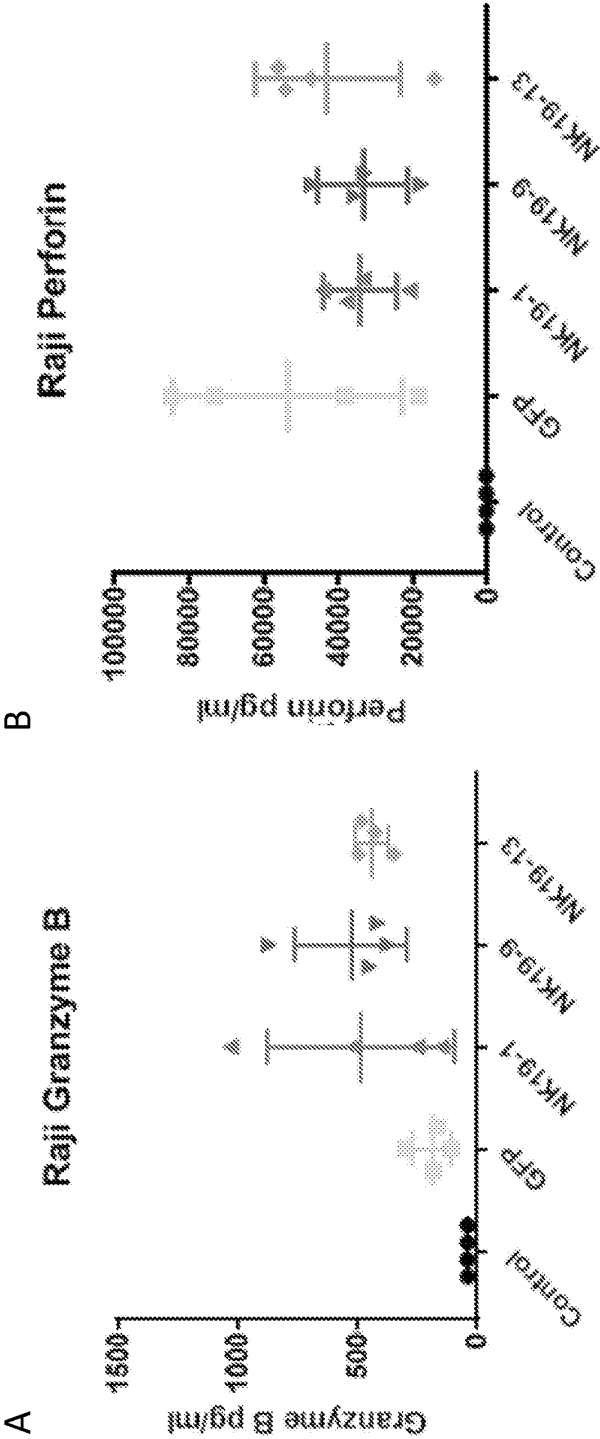


Figure 12C-D

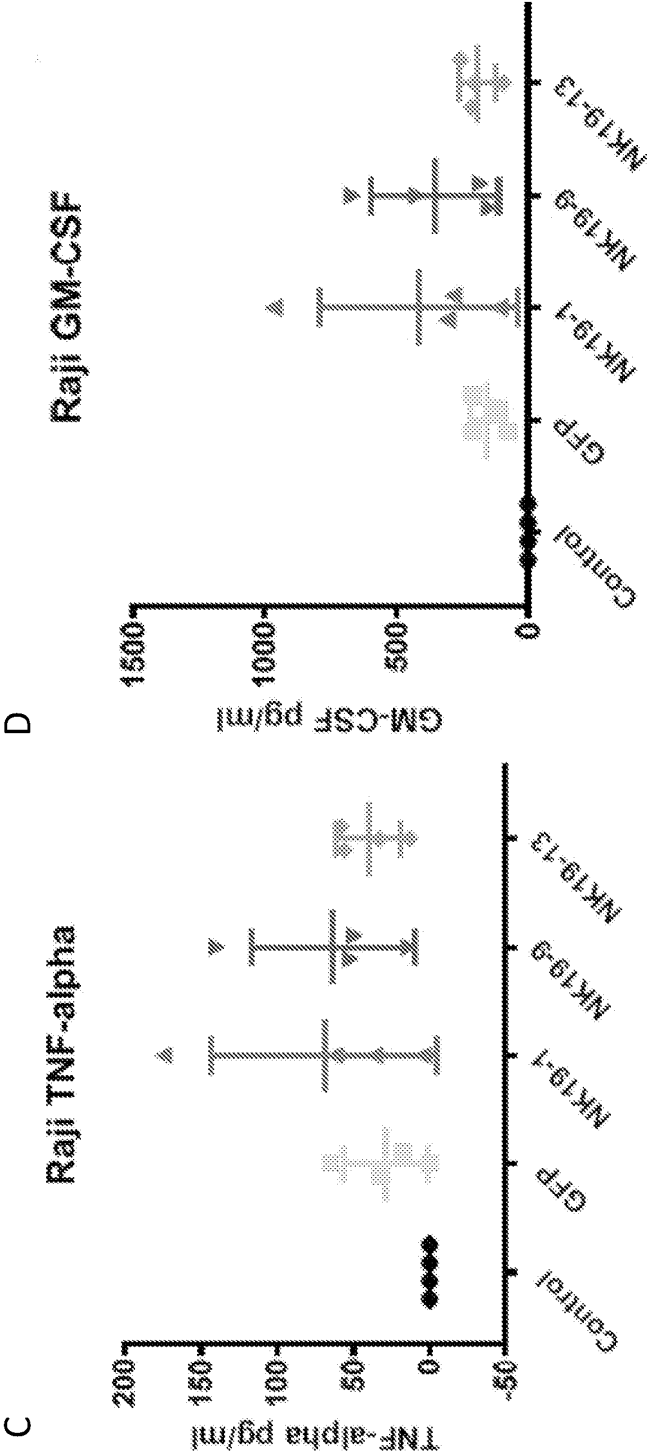
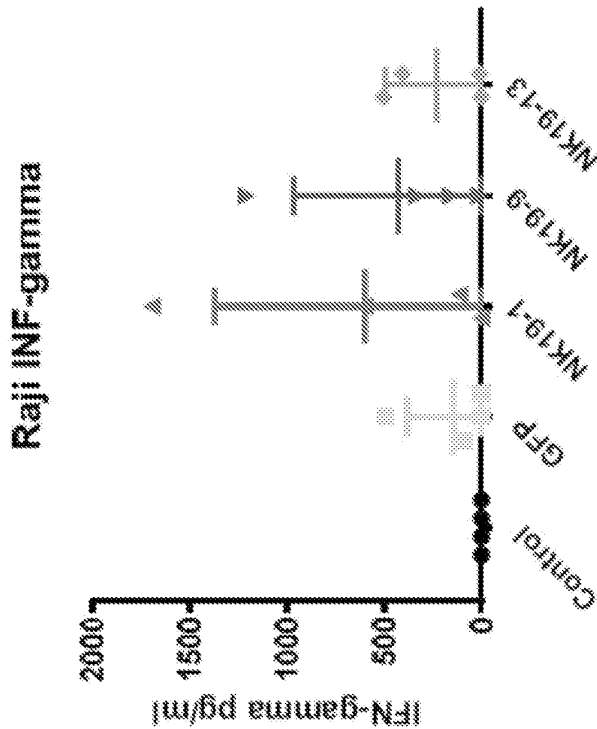


Figure 12E

E



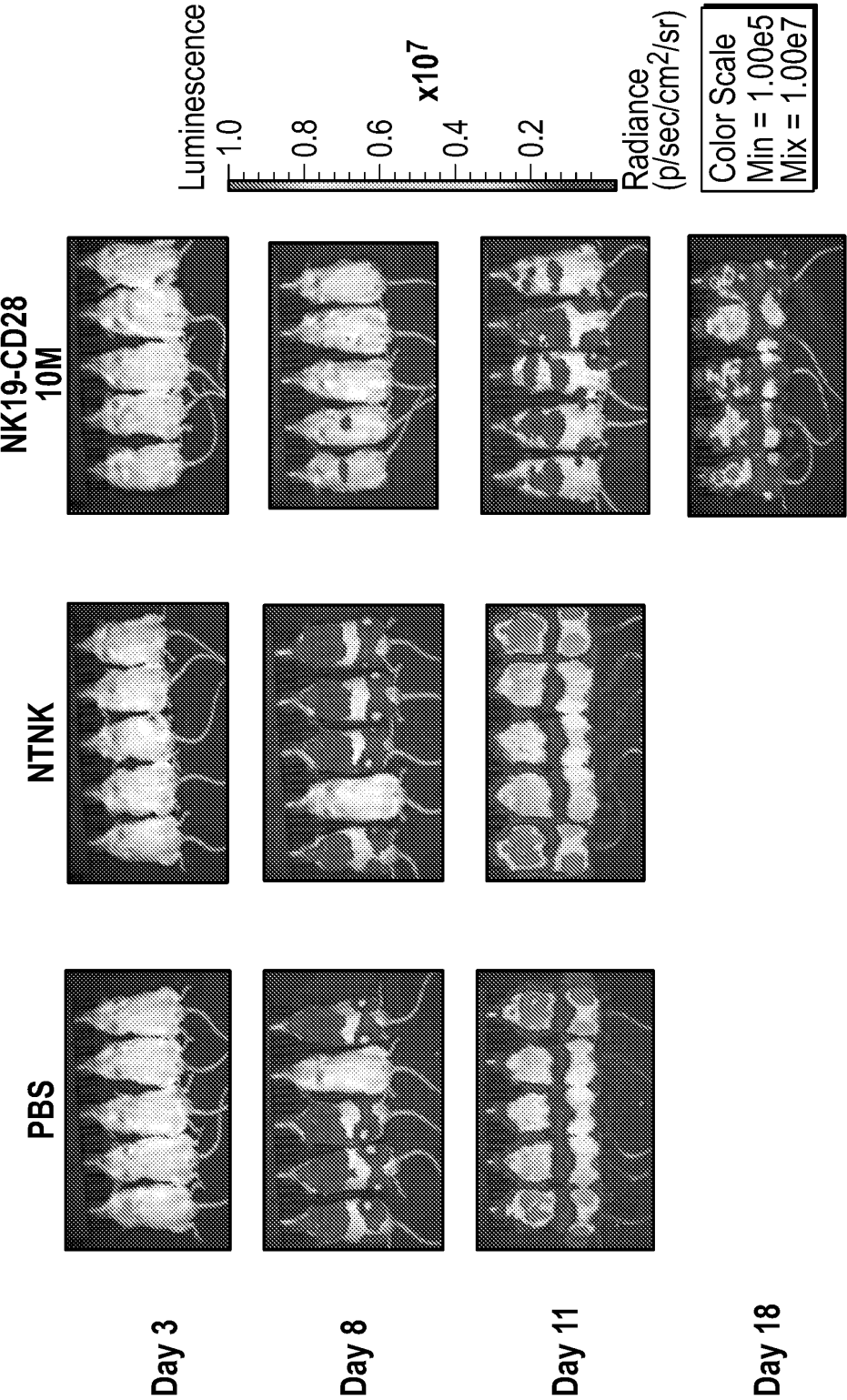


FIG. 13

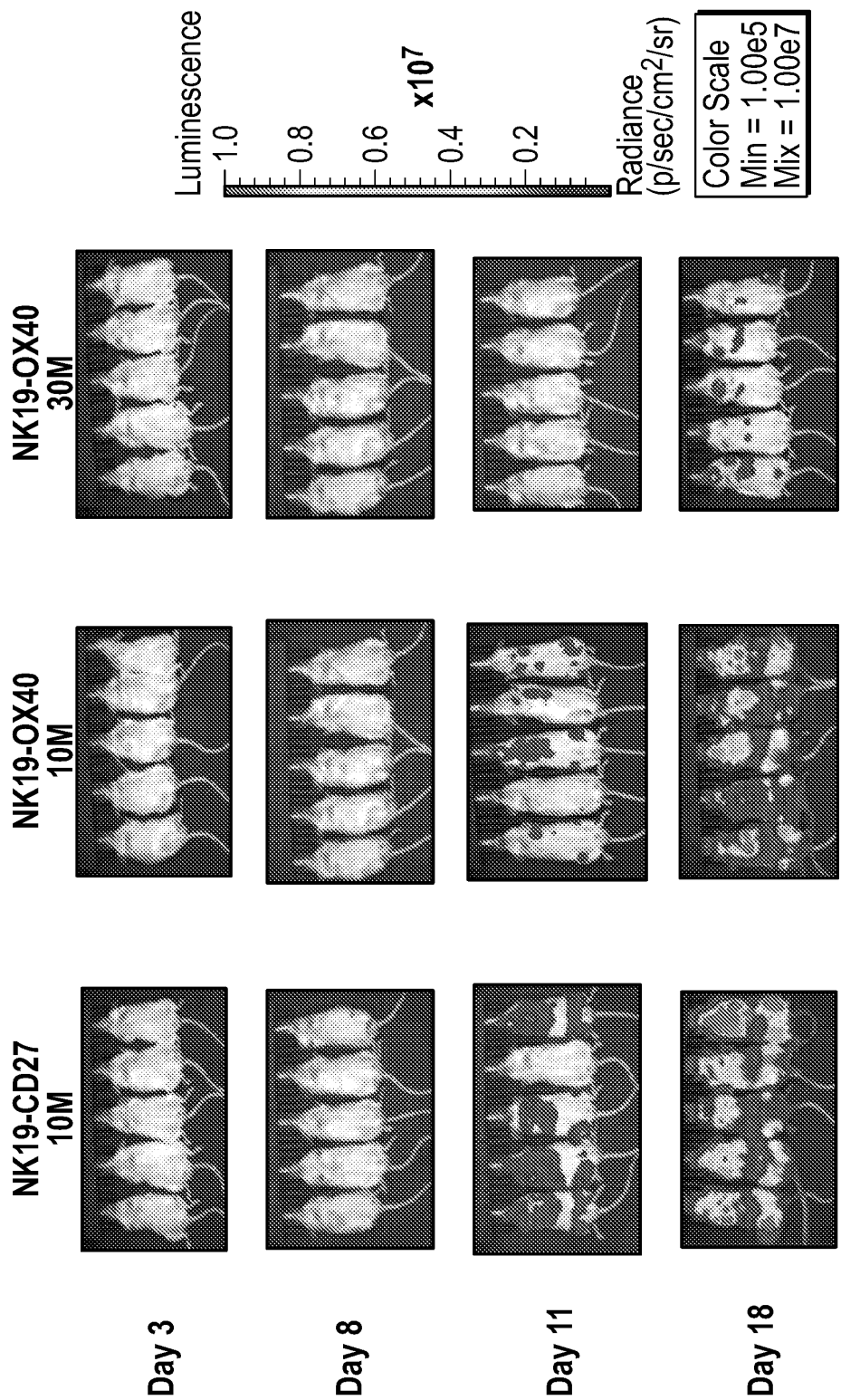


FIG. 13
(Continued)

Figure 14A

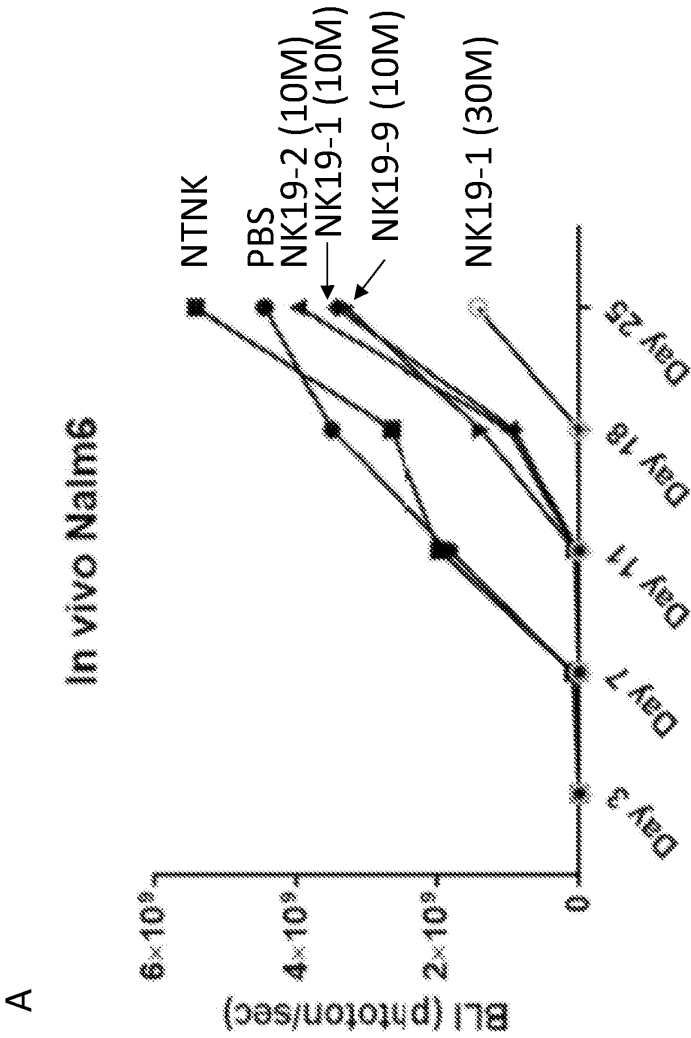


Figure 14B

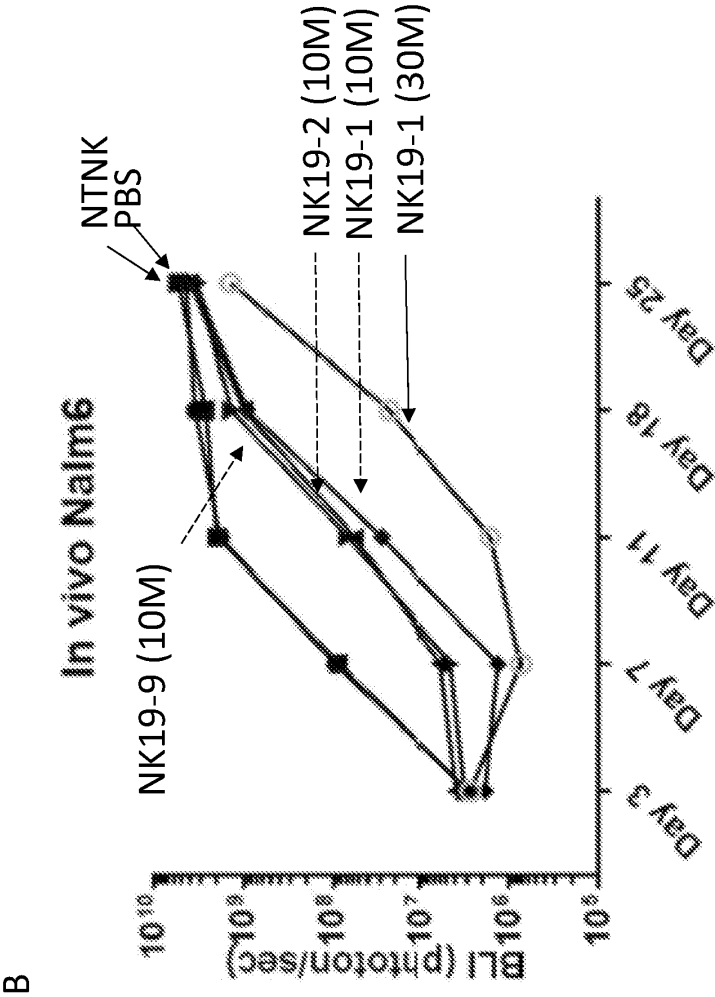


Figure 14C

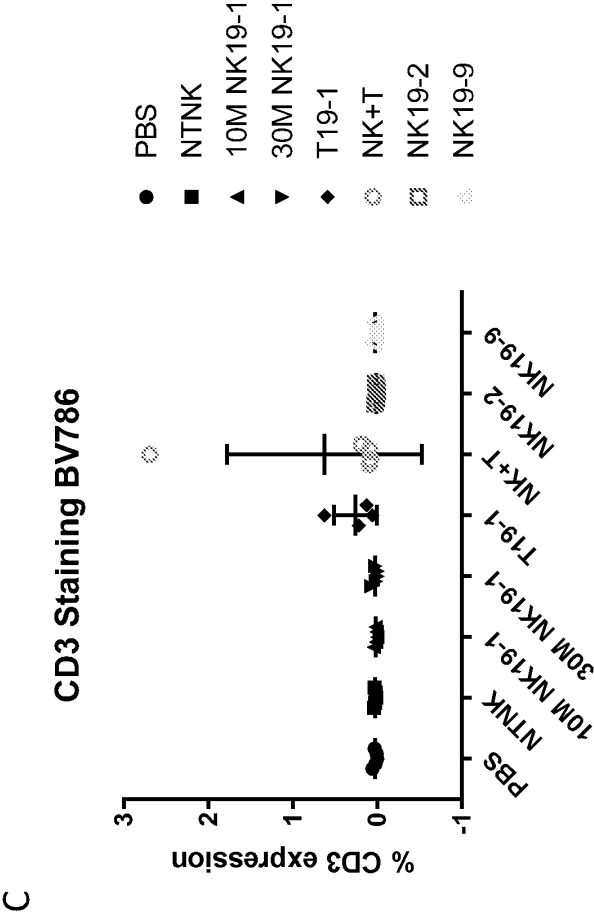


Figure 14D

D

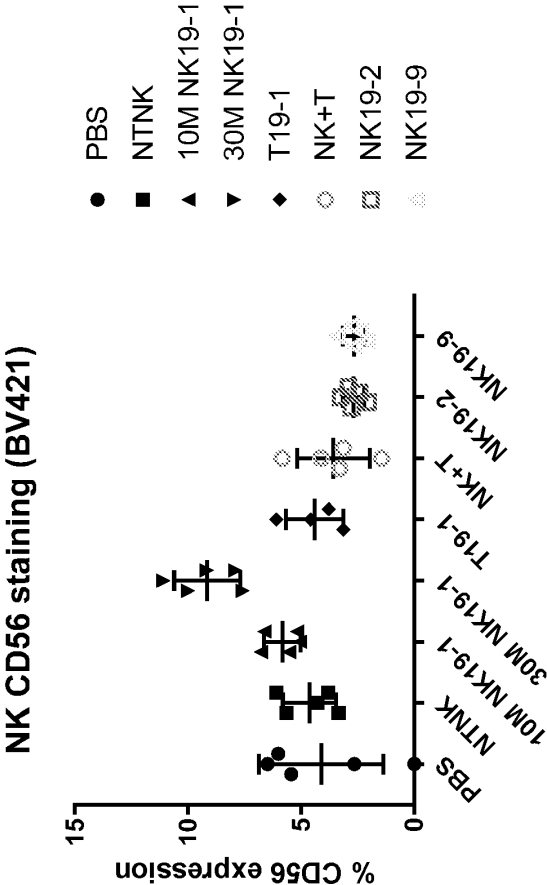


Figure 14E

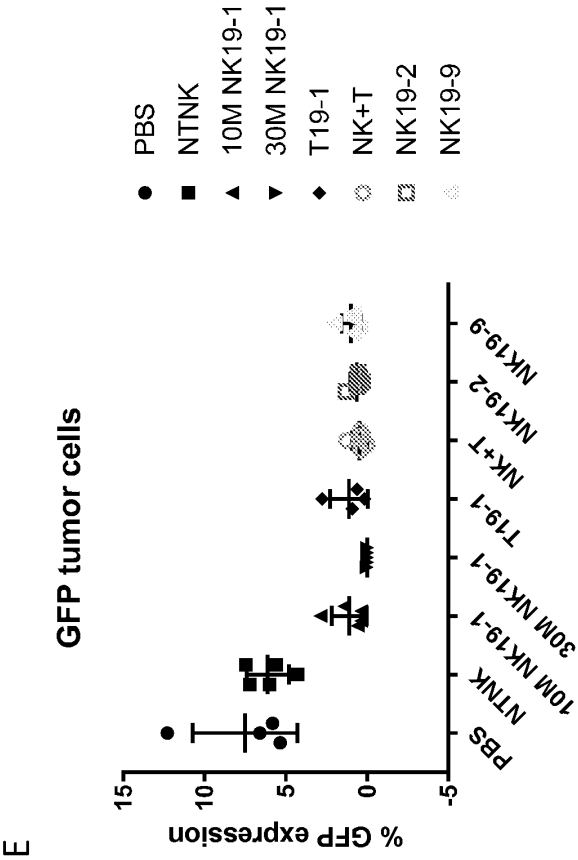


Figure 14F

F

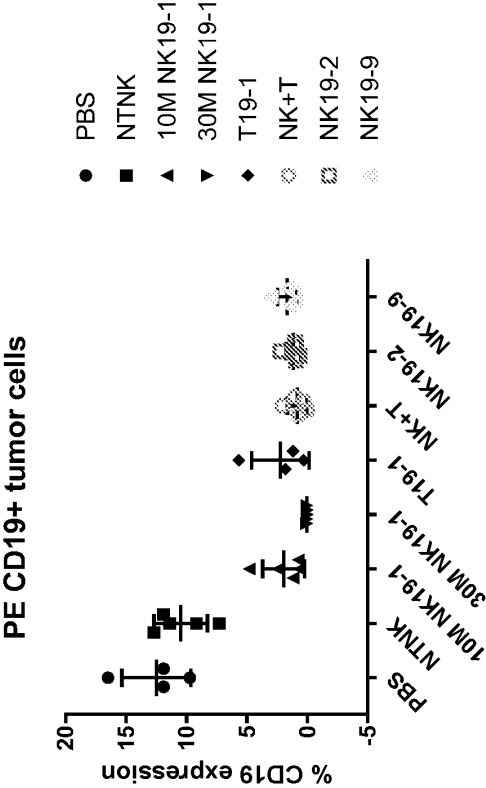


Figure 15

	MFI	Unheating			Heating		
		0.5	0.25	0.125	0.5	0.25	0.125
NK19H-1: L1H1	H1L1	385	285	169	H1L1	389	270
NK19H-2: L2H1	H1L2	396	303	202	H1L2	395	288
NK19H-3: L3H1	H1L3	406	306	99.3	H1L3	392	278
NK19H-4: L1H2	H2L1	399	292	181	H2L1	378	270
NK19H-5: L2H2	H2L2	390	274	180	H2L2	398	271
NK19H-6: L3H2	H2L3	431	327	213	H2L3	432	305
NK19H-7: L1H3	H3L1	359	246	164	H3L1	350	227
NK19H-8: L2H3	H3L2	379	253	132	H3L2	348	229
NK19H-9: L3H3	H3L3	415	299	203	H3L3	418	310
NK19H-10: L1H4	H4L1	390	274	188	H4L1	400	285
NK19H-11: L2H4	H4L2	387	281	199	H4L2	383	279
NK19H-12: L3H4	H4L3	445	329	235	H4L3	420	334
	H0L0	433	312	194	H0L0	435	321
							207

Figure 16

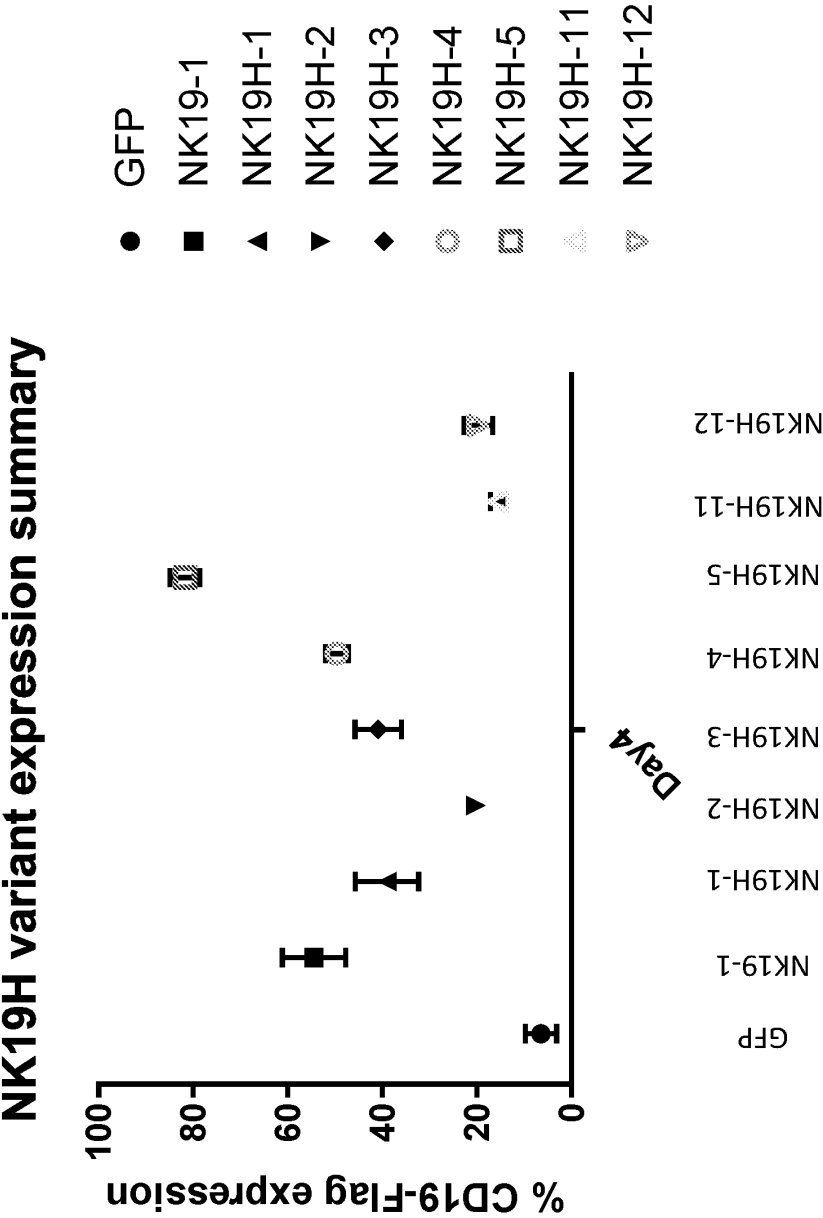


Figure 17A

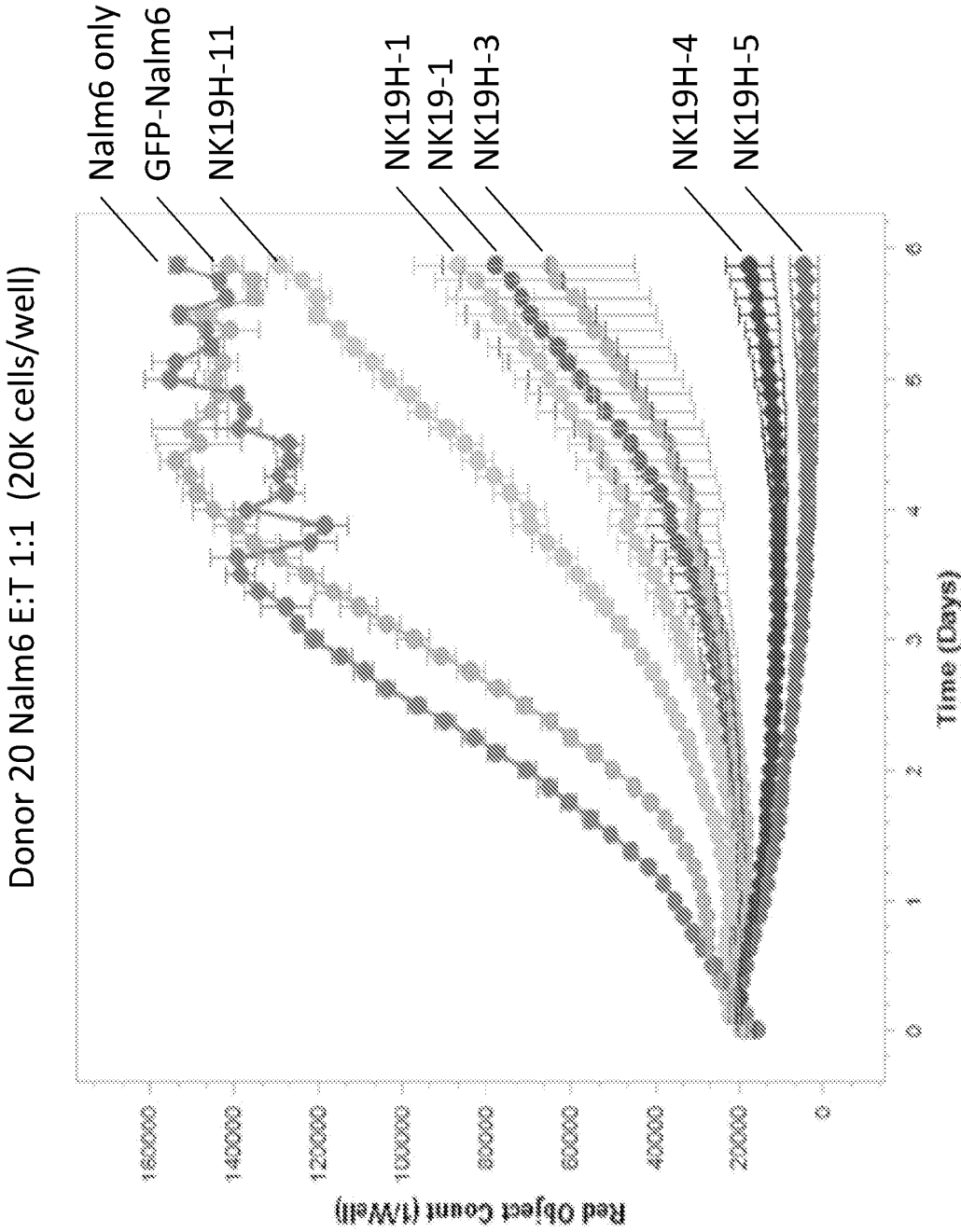


Figure 17B

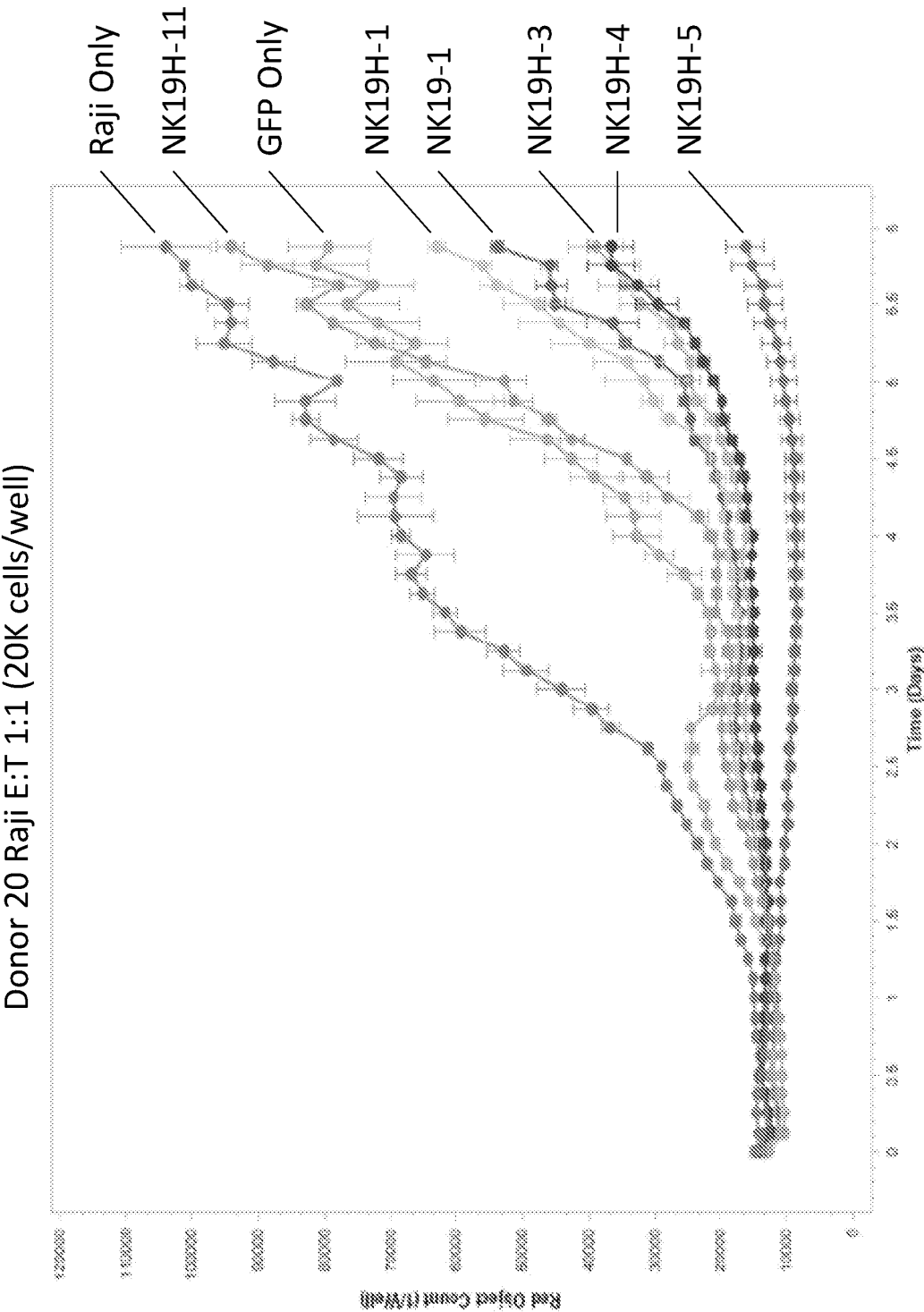


Figure 17C

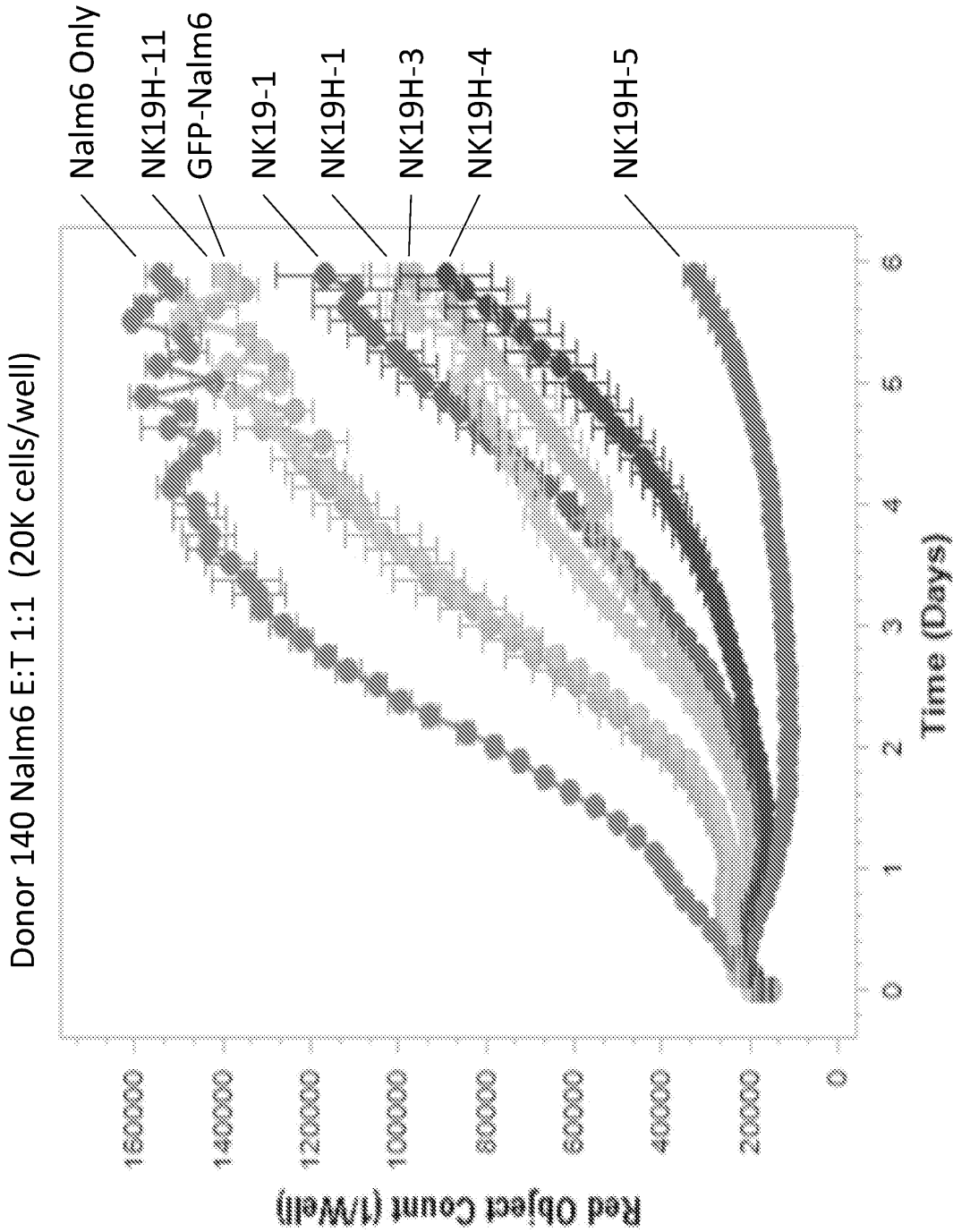


Figure 17D

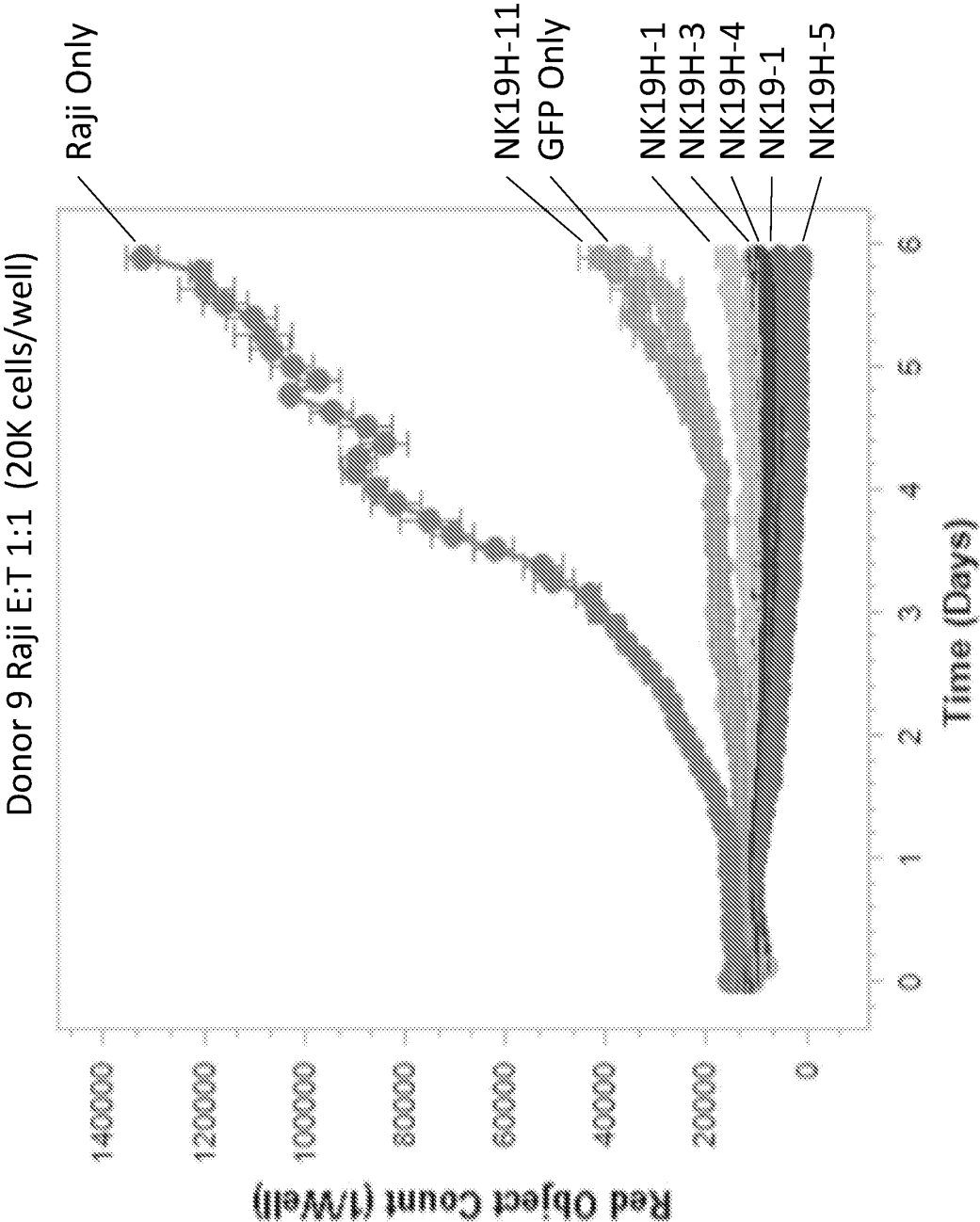


Figure 17E

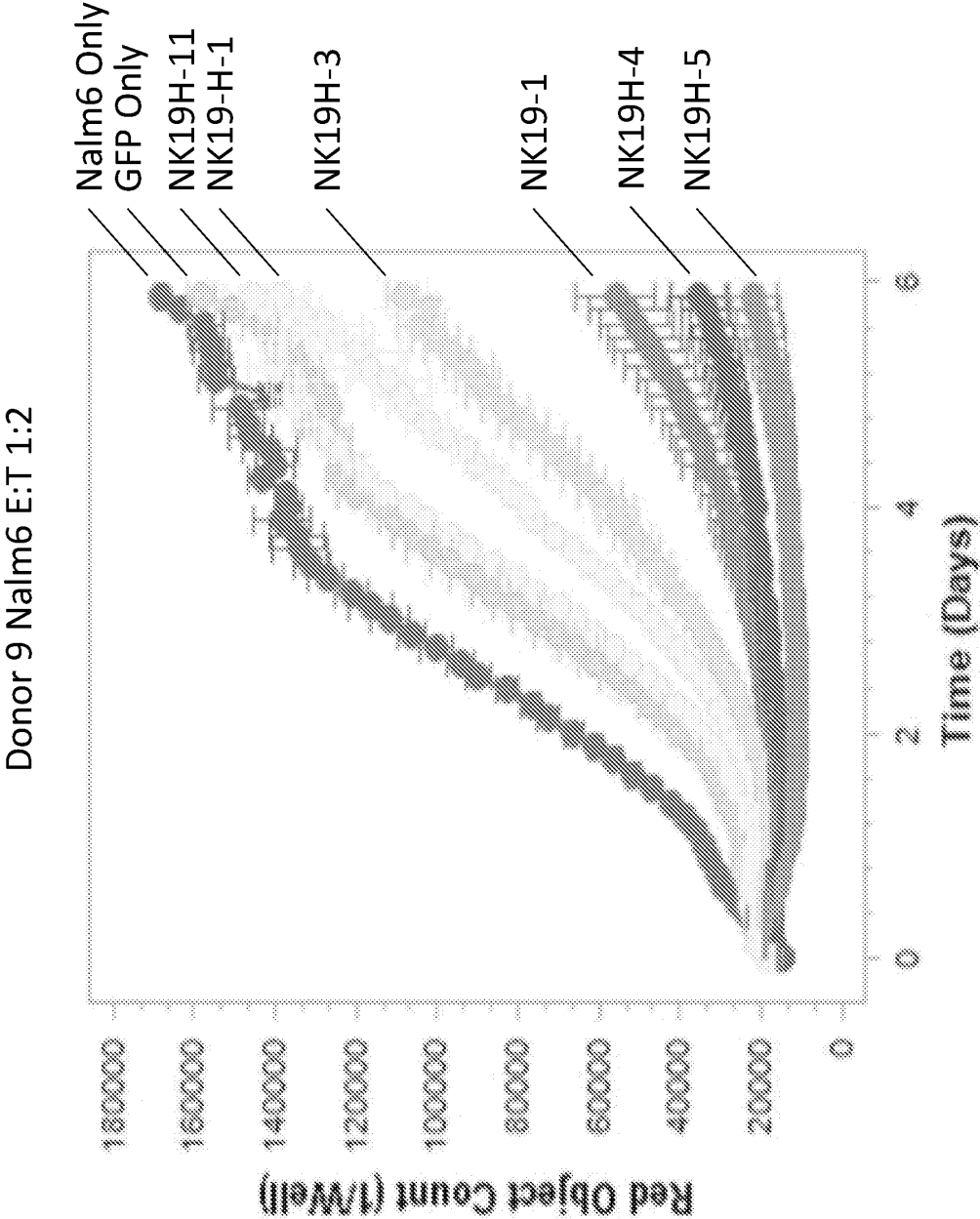


Figure 18

180603 NK19H post transduction d3 summary (3donors)

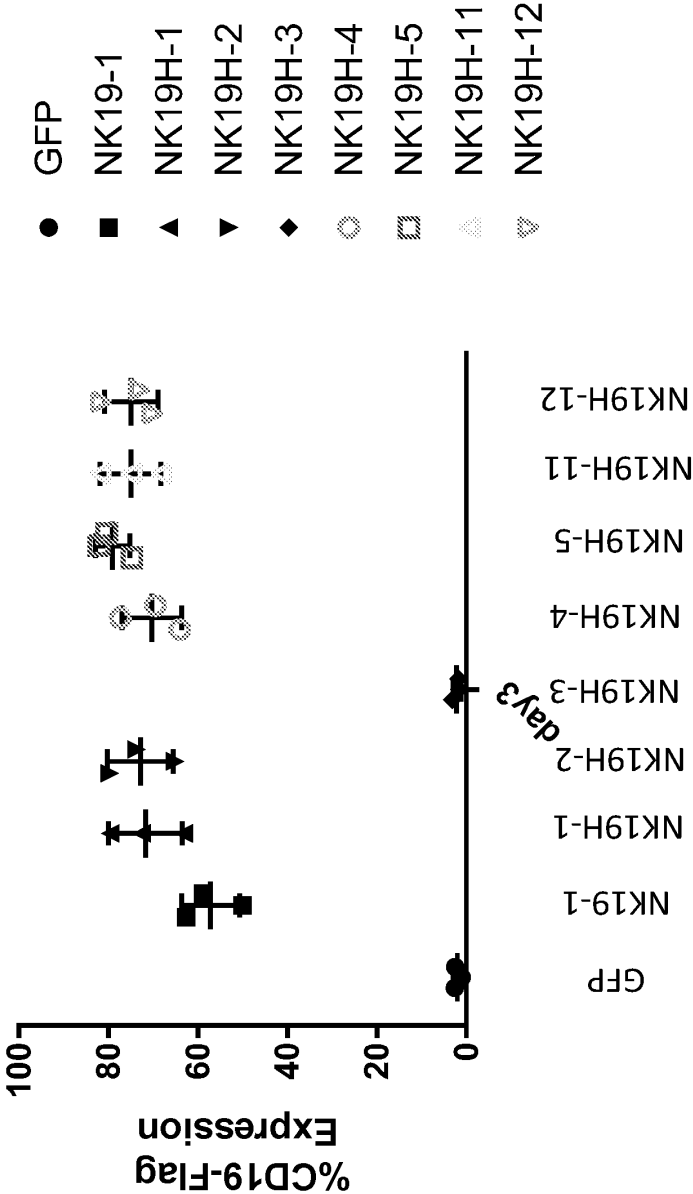


Figure 19A

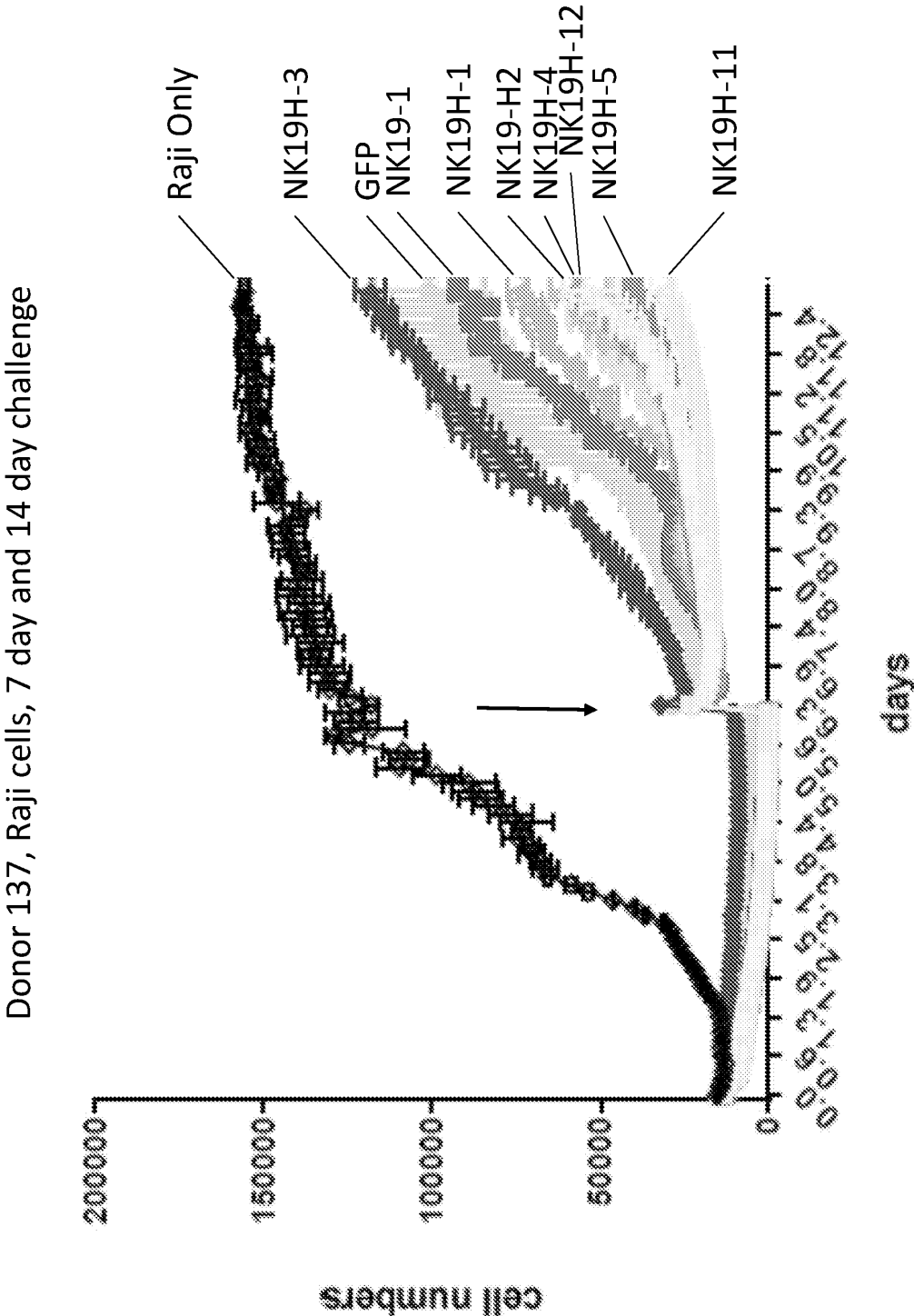


Figure 19B

Donor 137, Nalm6 cells, 7 day and 14 day challenge

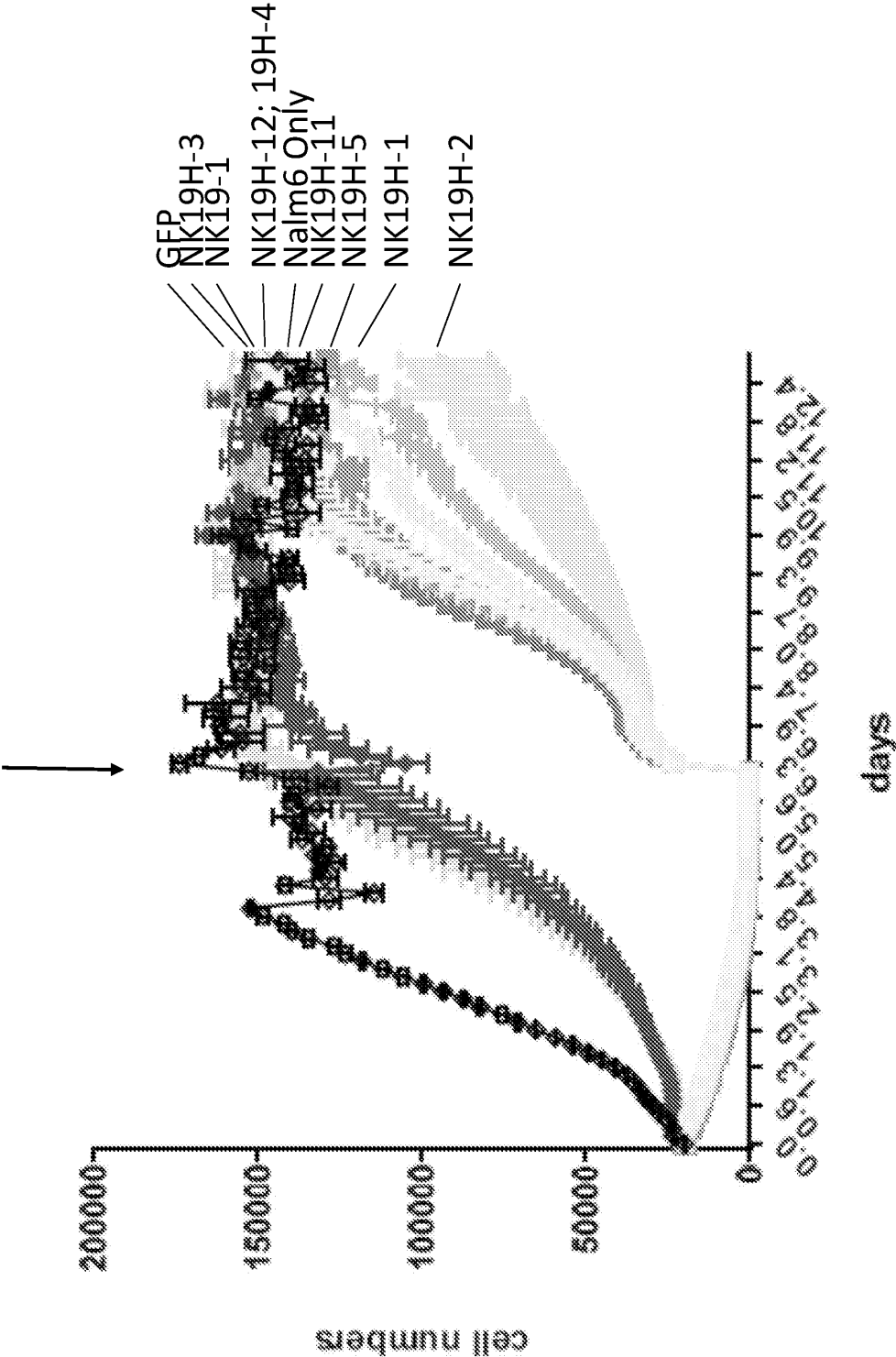


Figure 19C

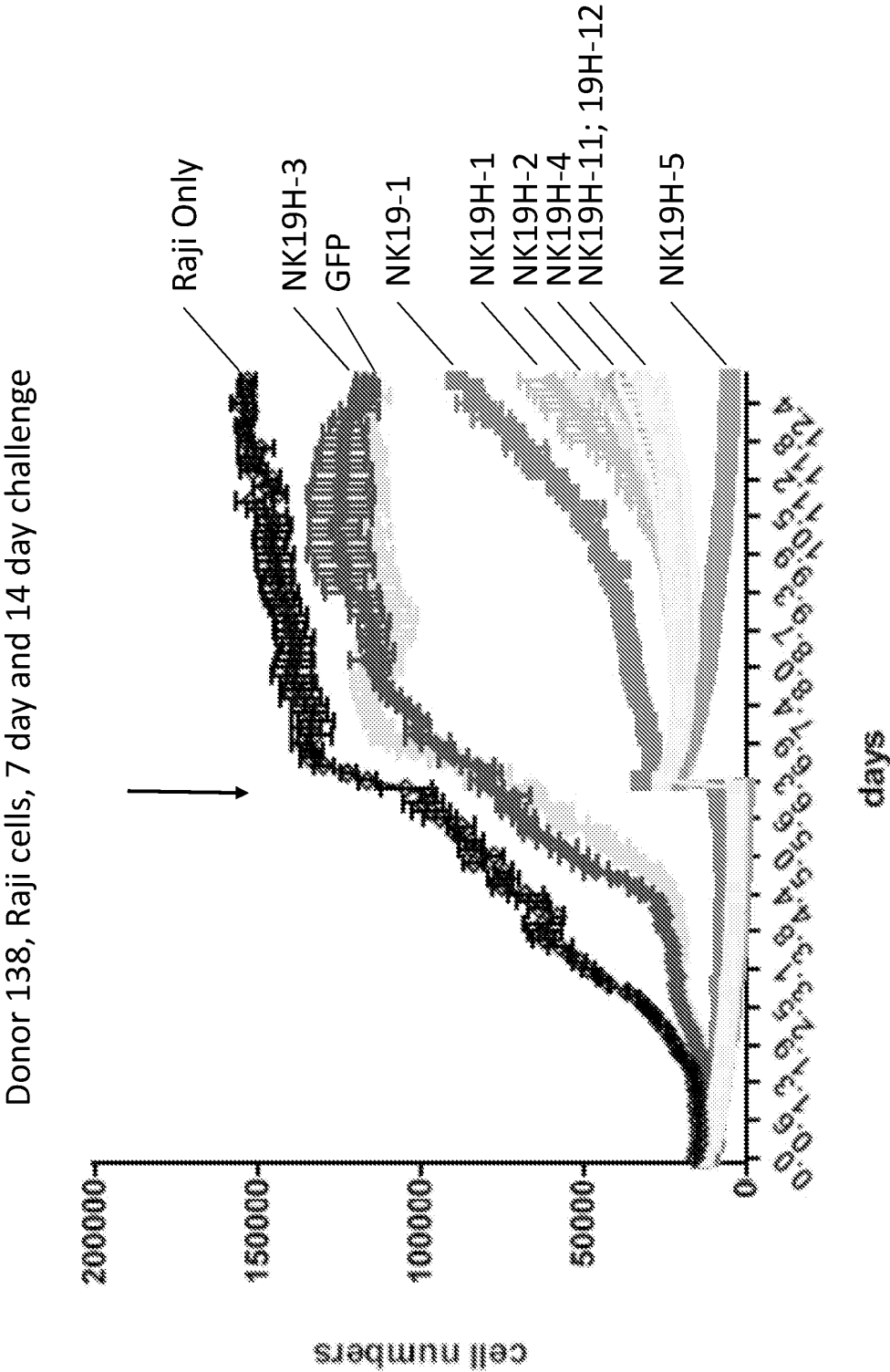


Figure 19D

Donor 138, Nalm6 cells, 7 day and 14 day challenge

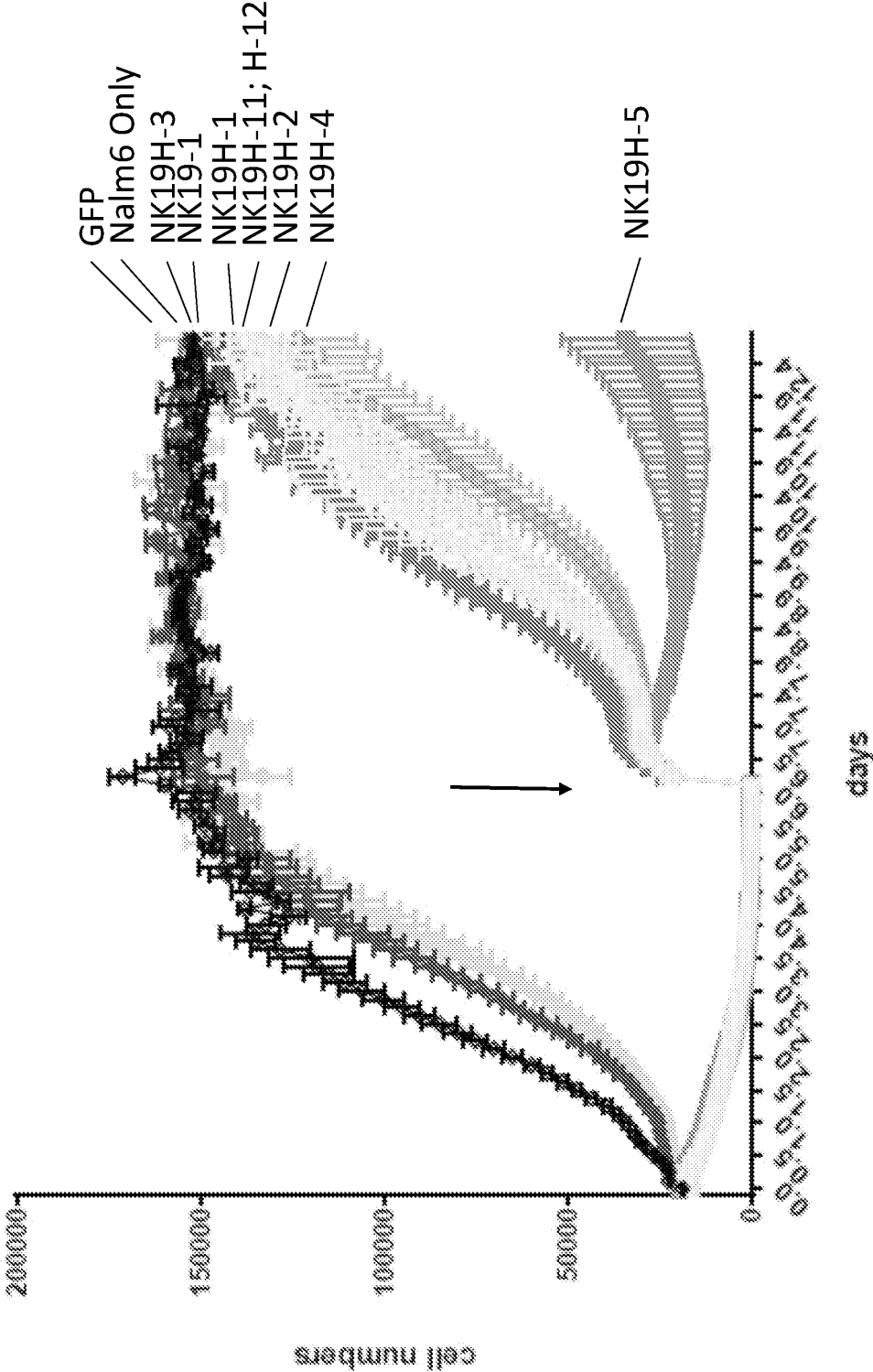


Figure 20A-20B

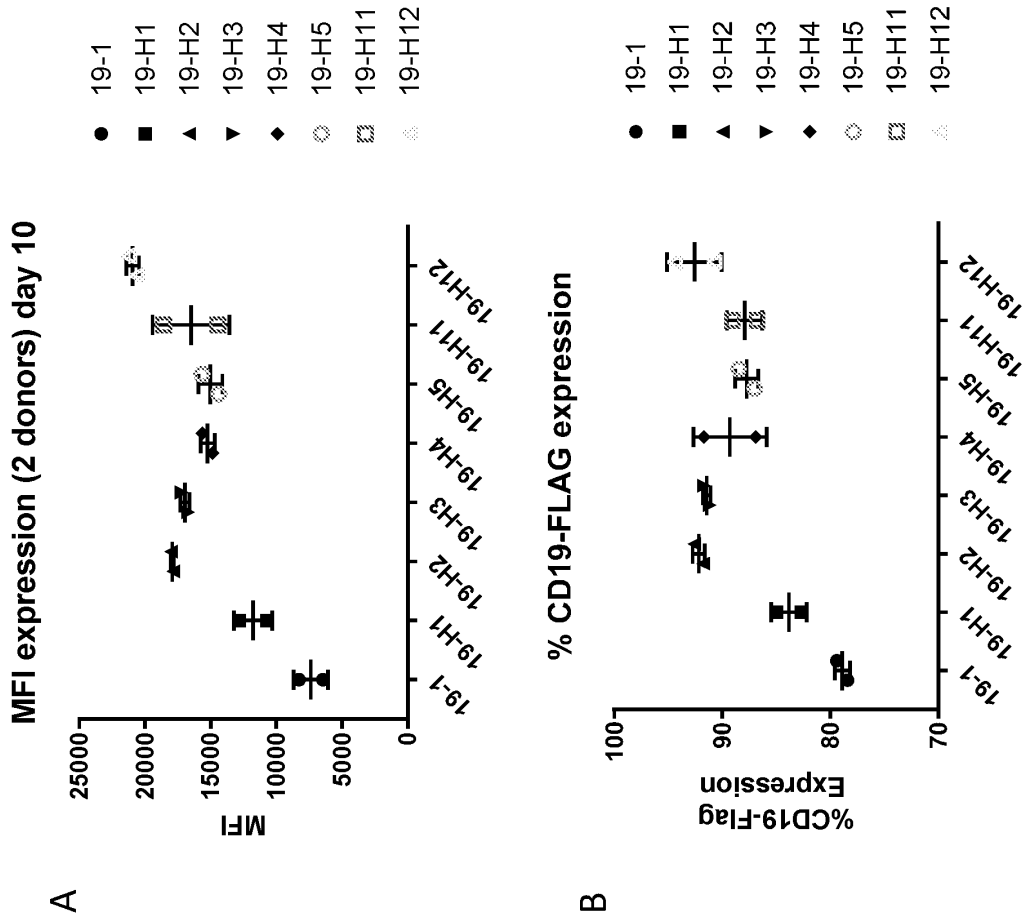


Figure 21A

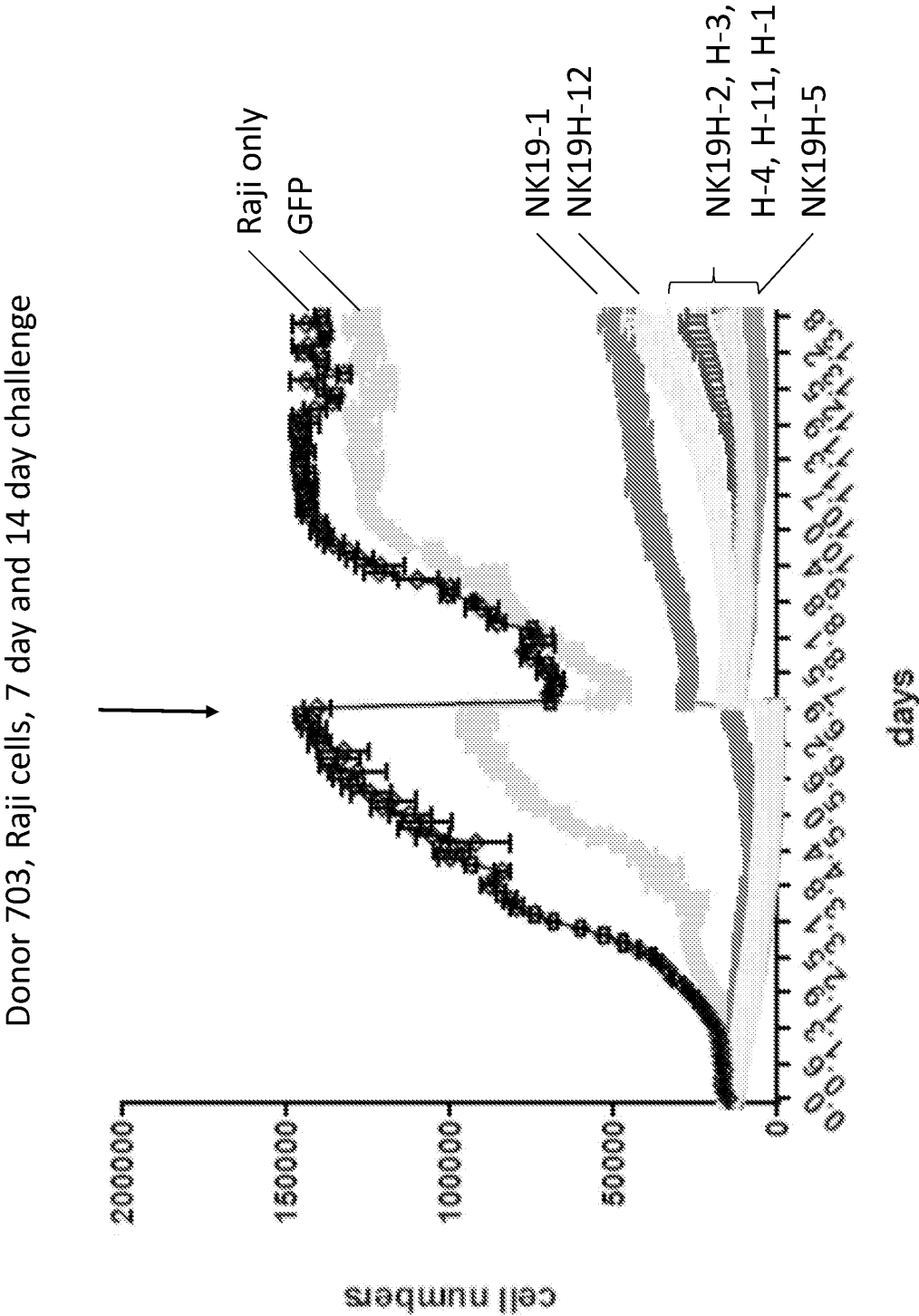


Figure 21B

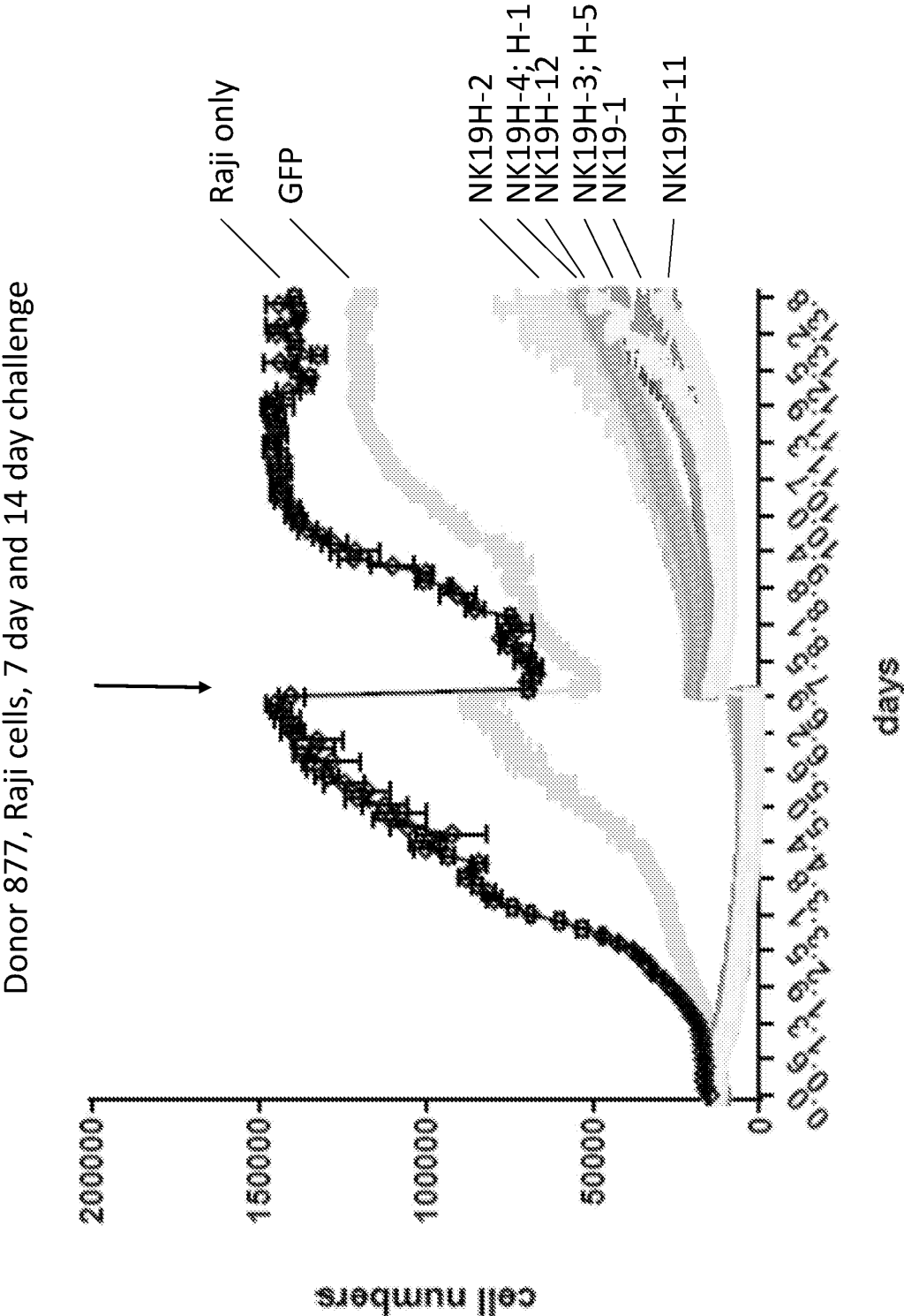


Figure 22A-22B

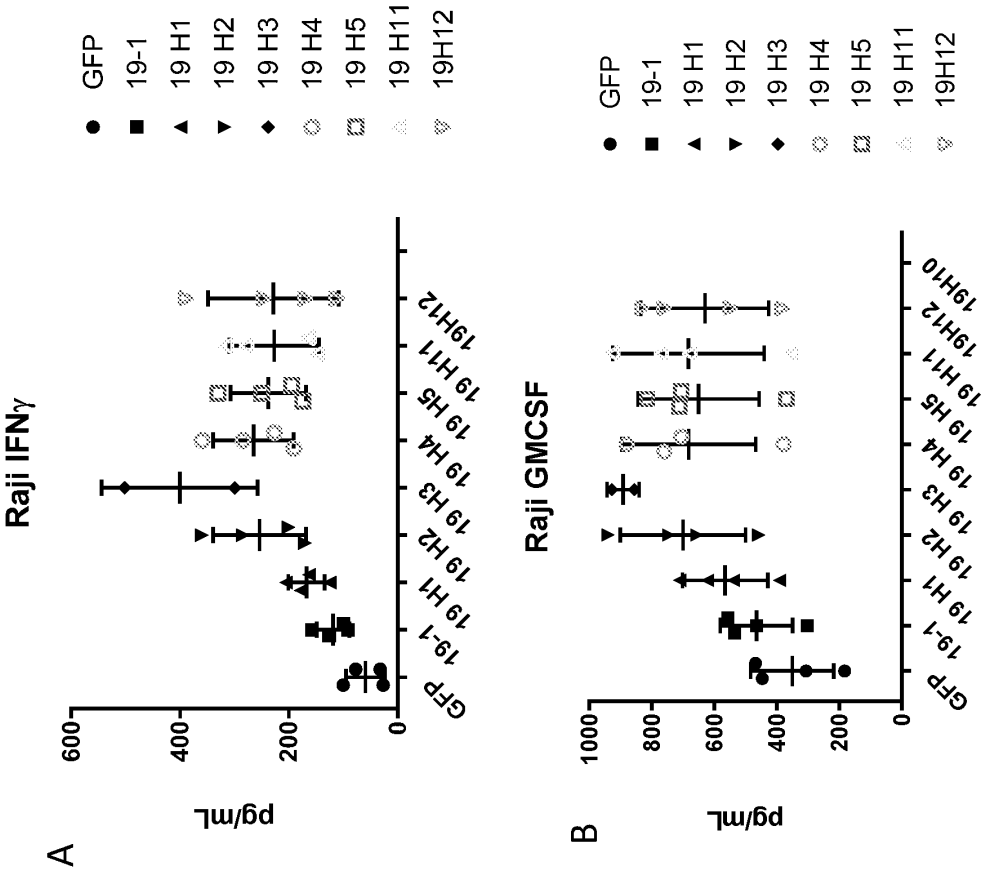


Figure 22C-22D

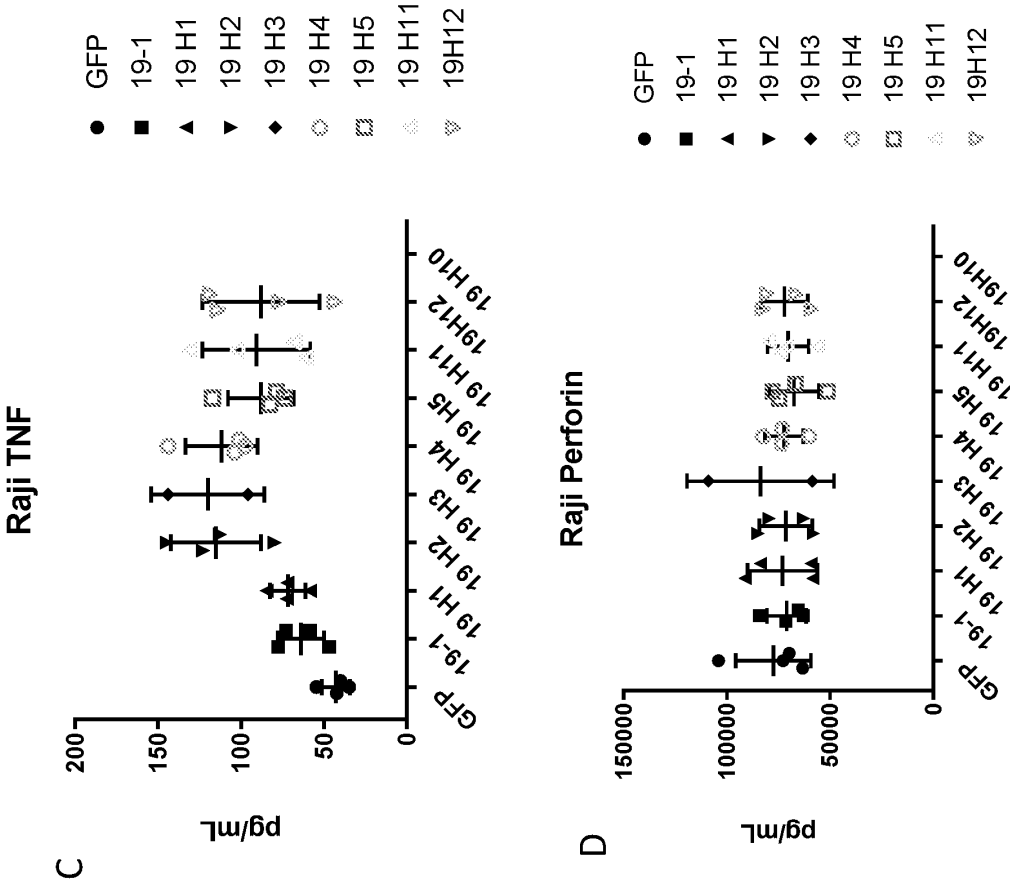
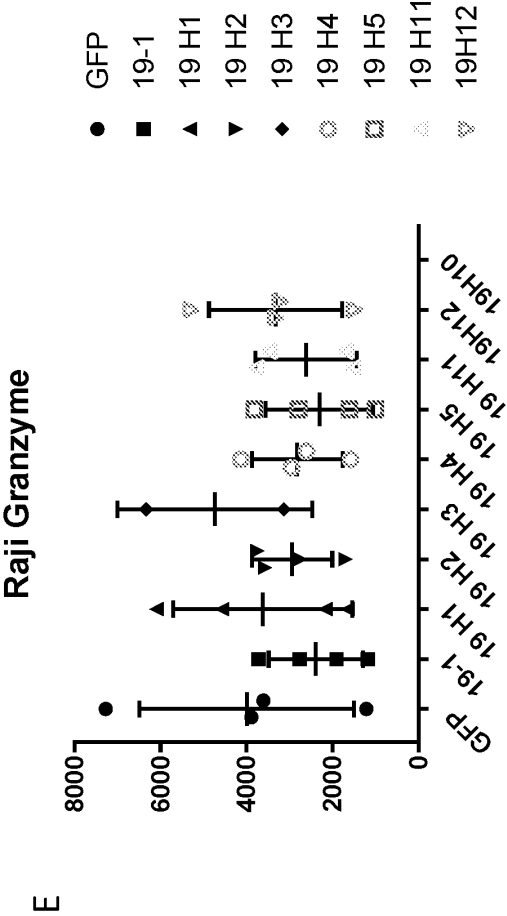


Figure 22E



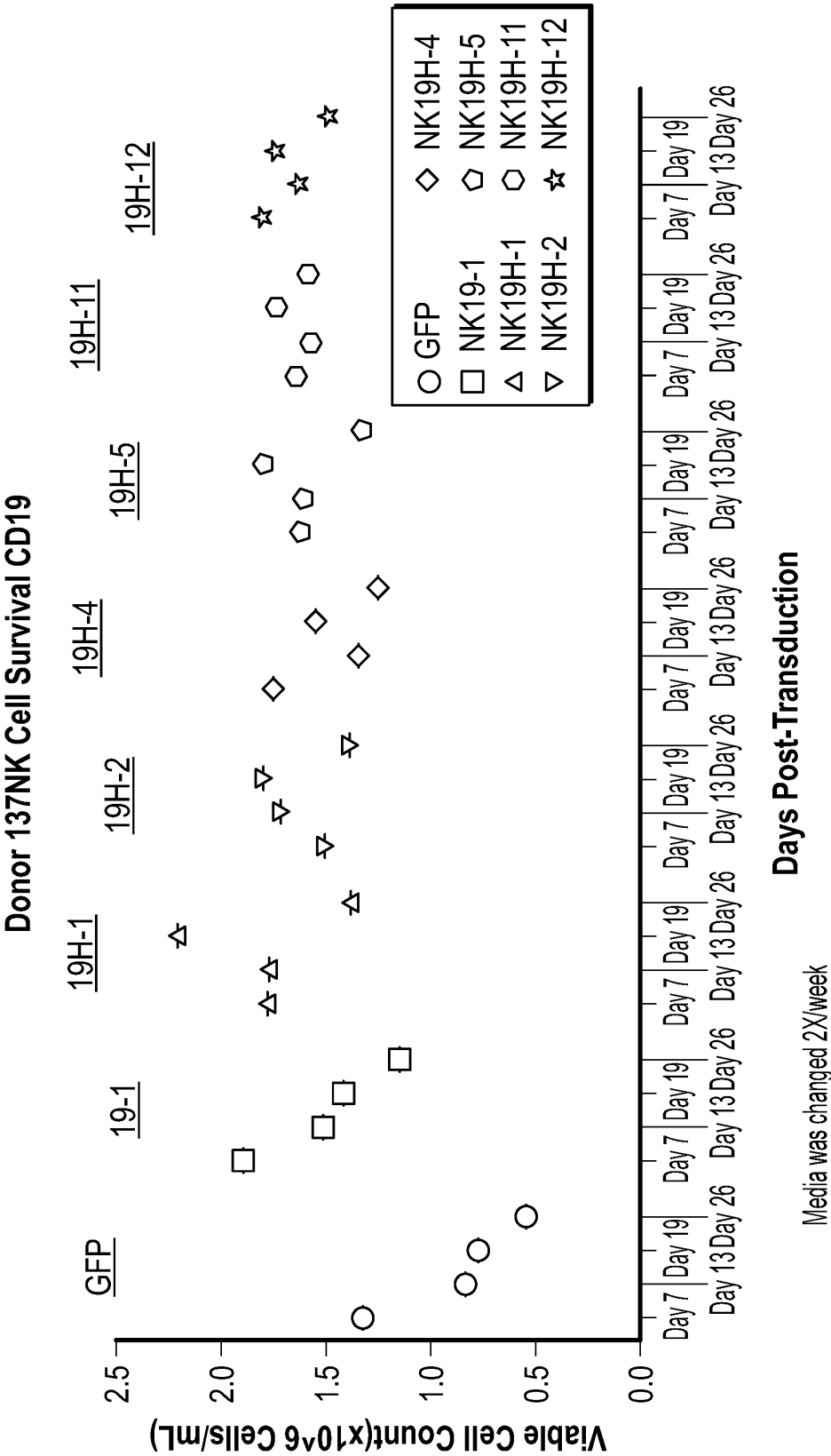


FIG. 23A

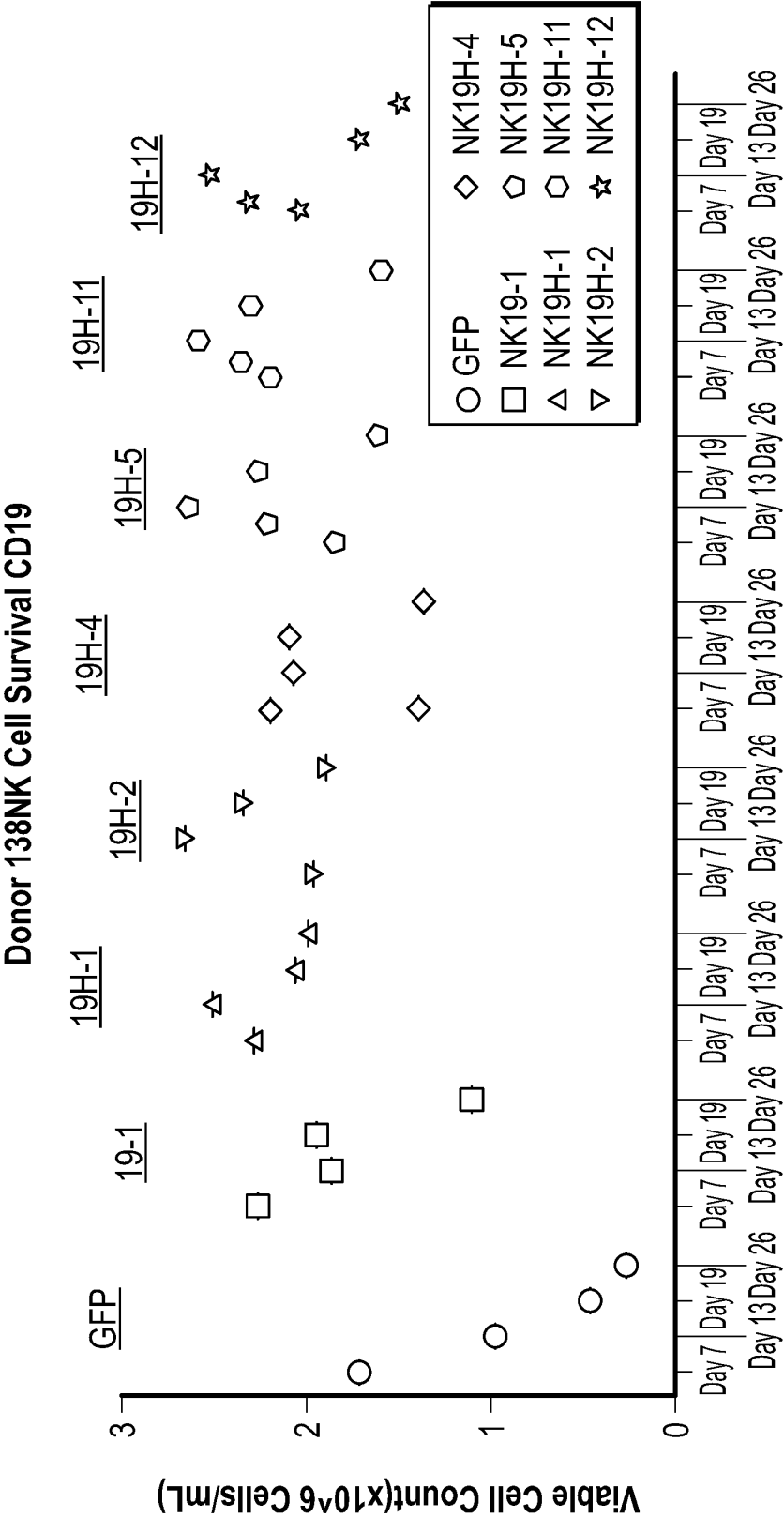
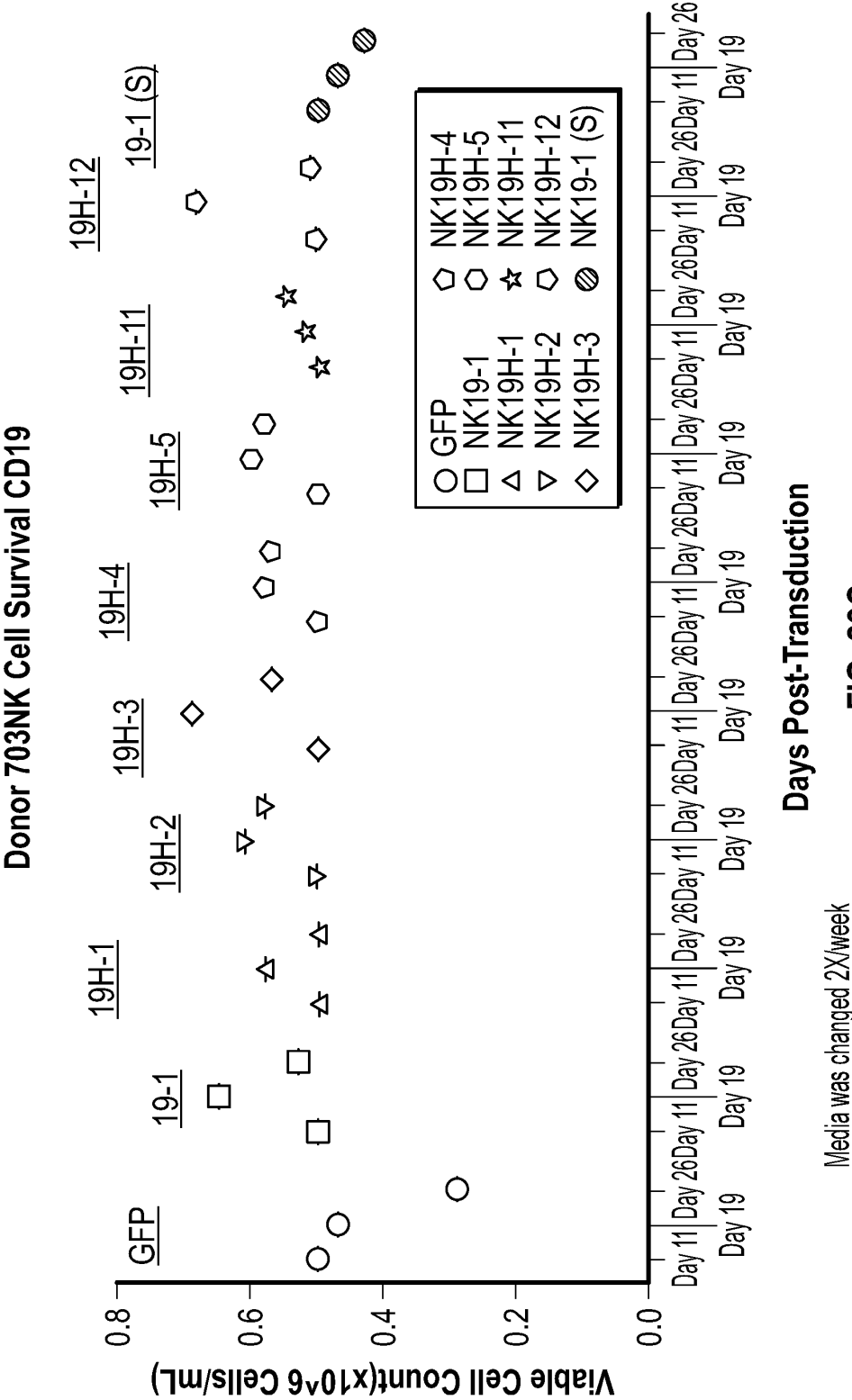


FIG. 23B



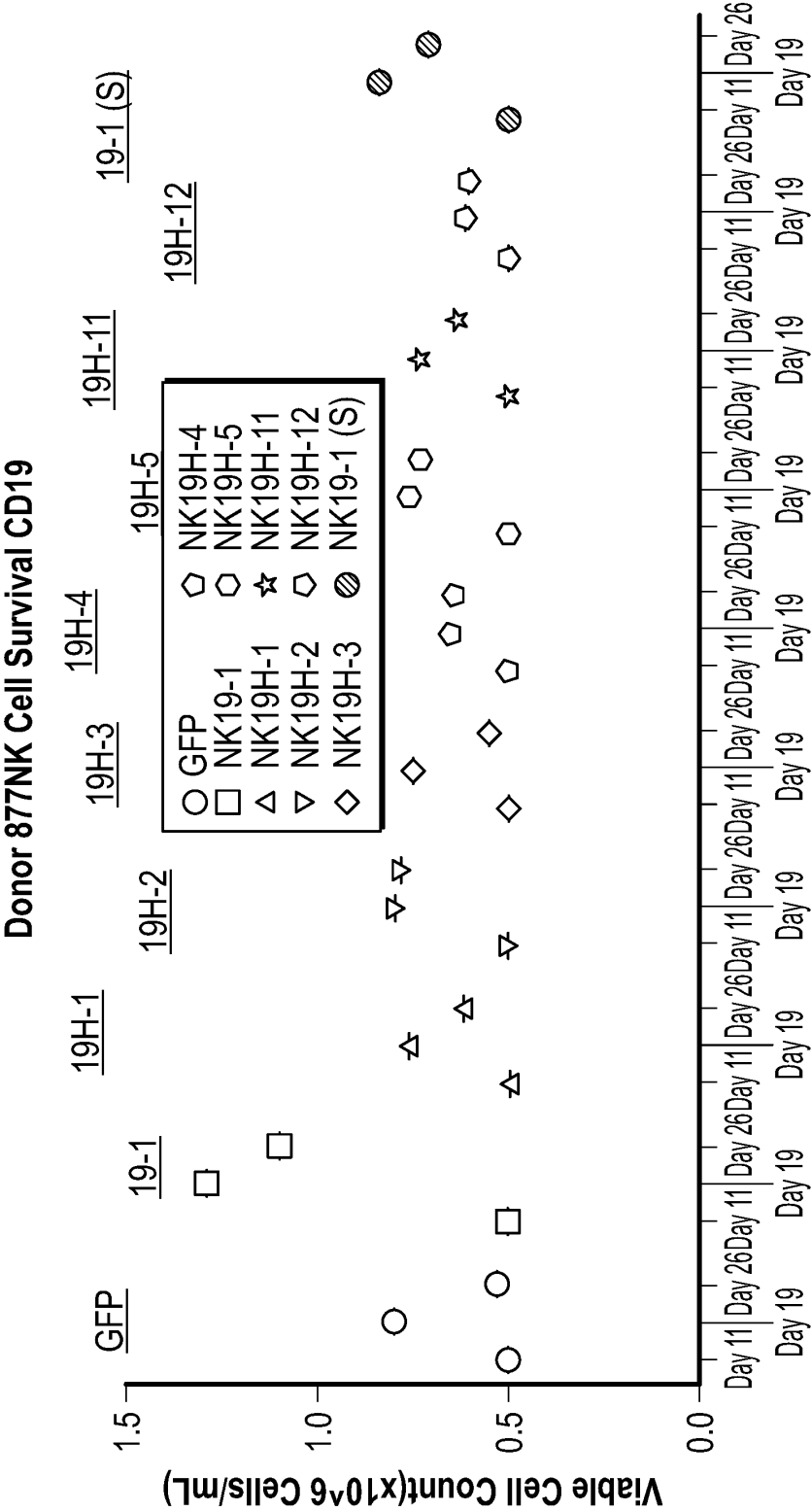
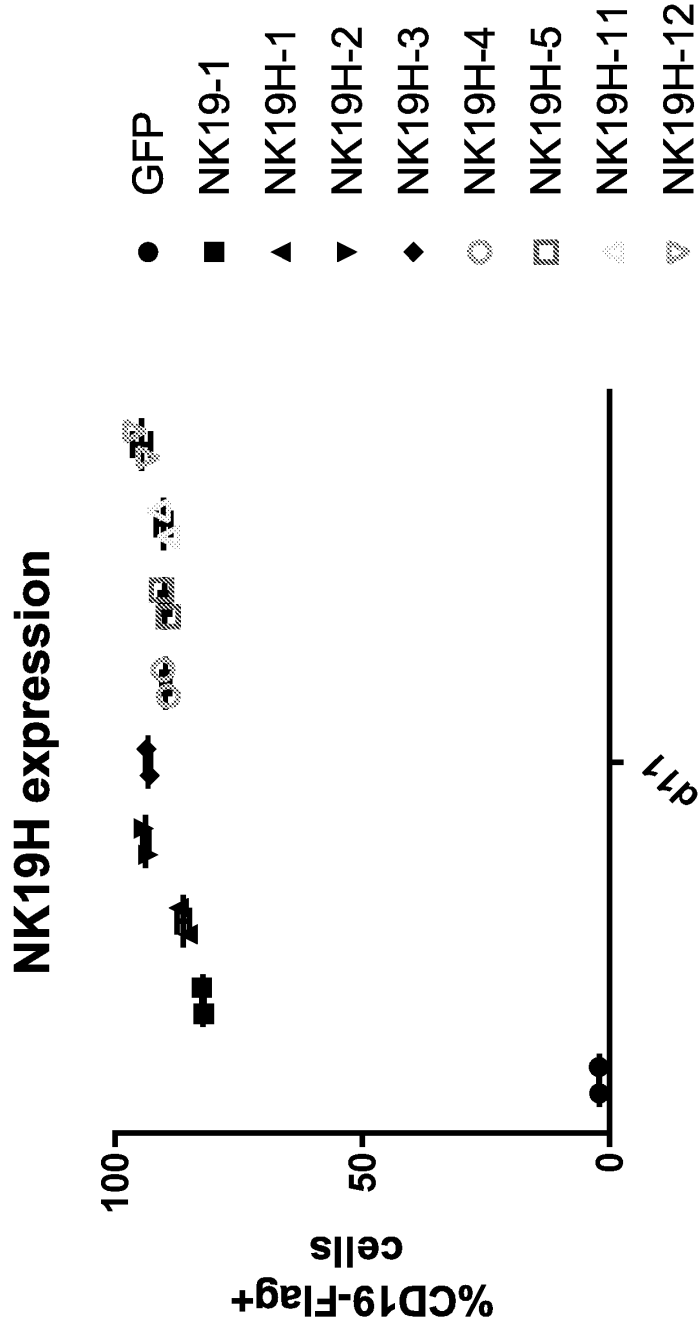
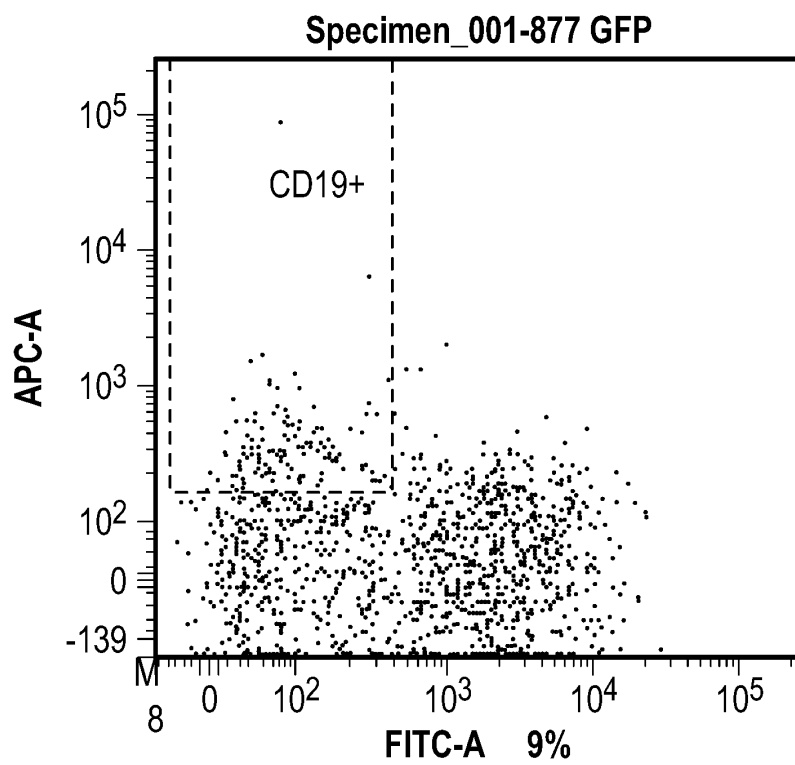
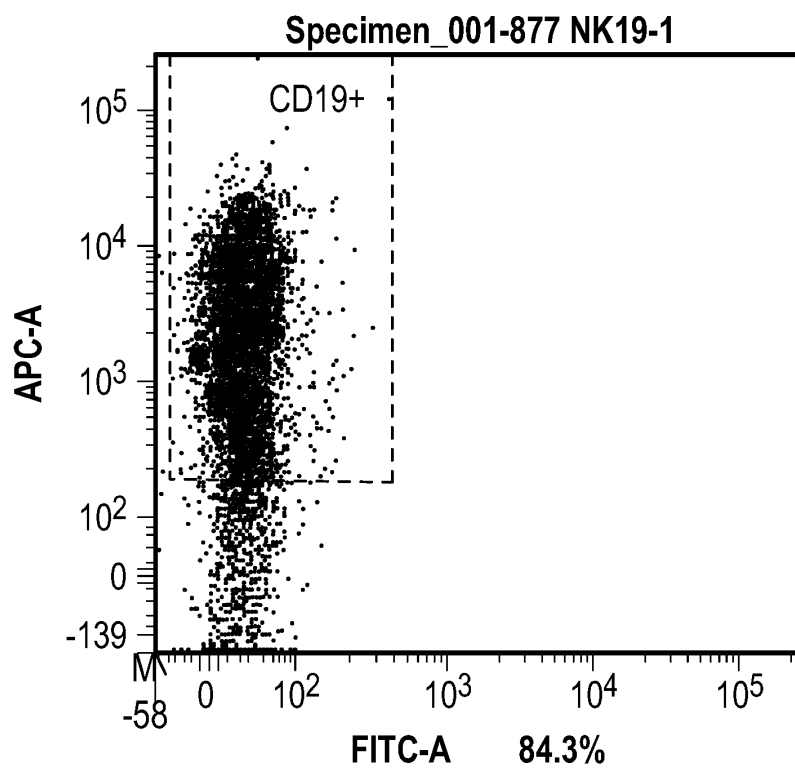


Figure 24



**FIG. 25A****FIG. 25B**

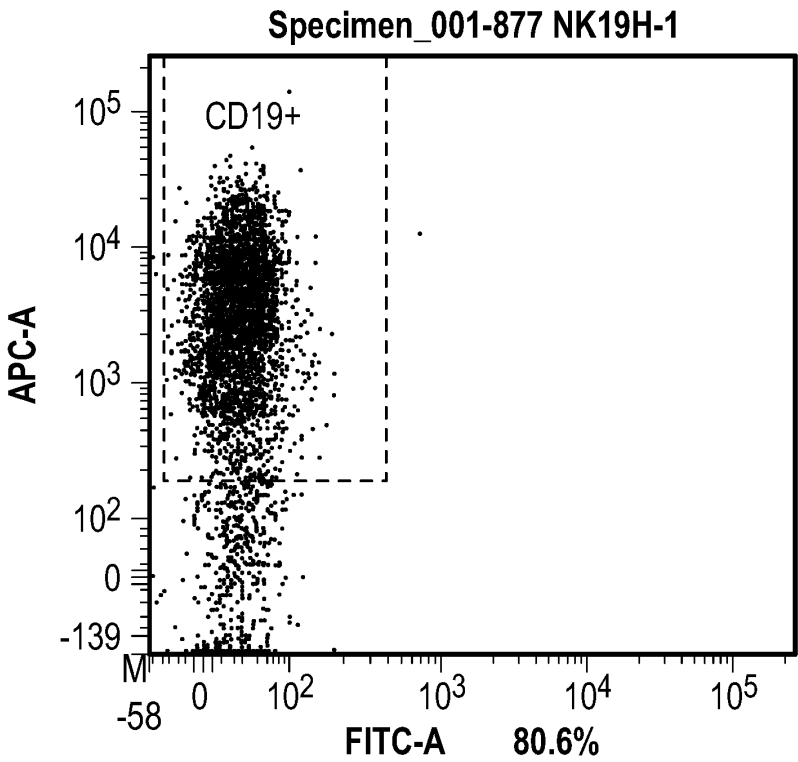


FIG. 25C

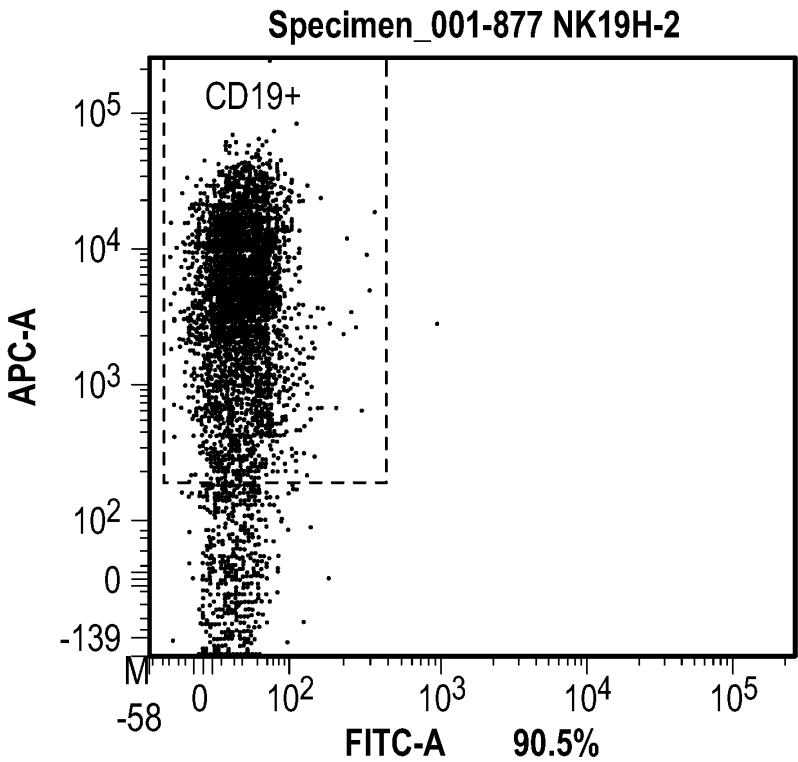
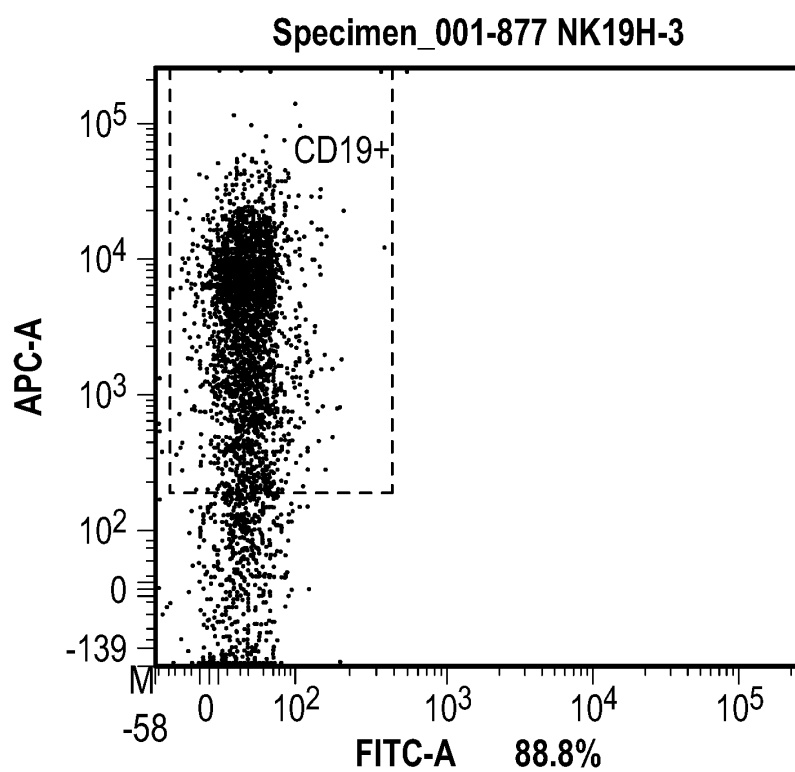
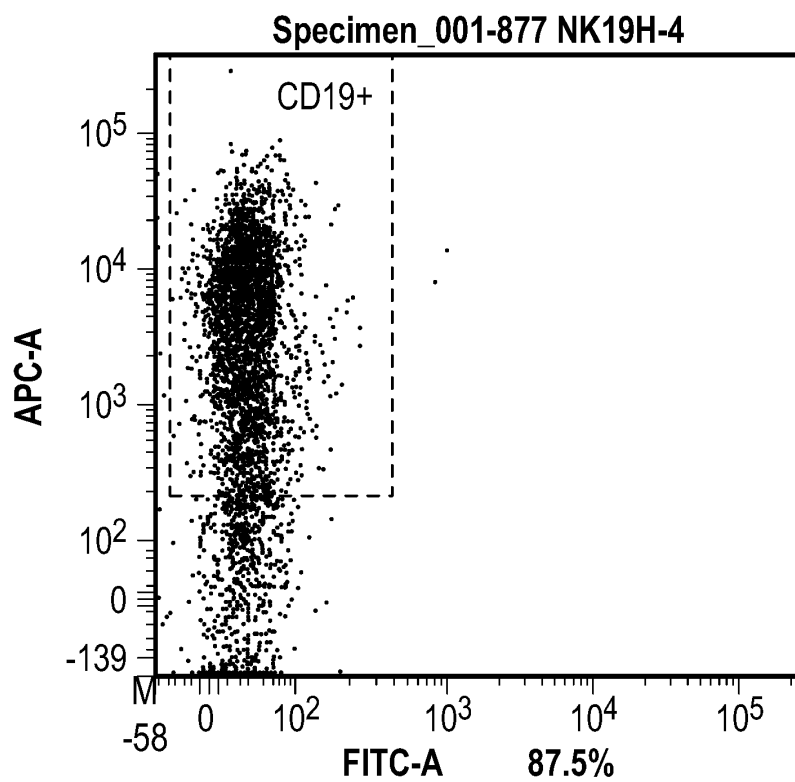
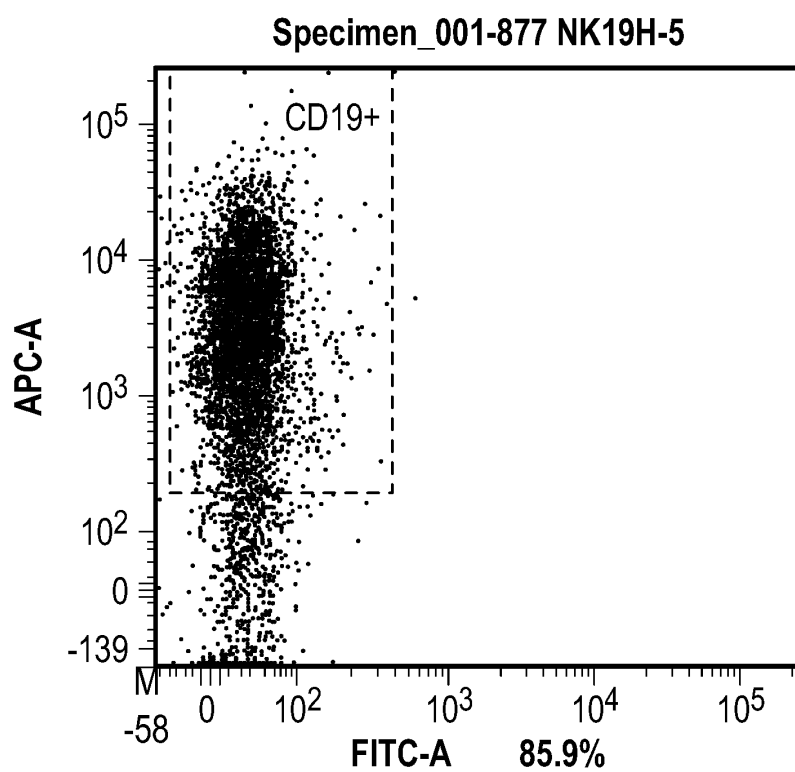
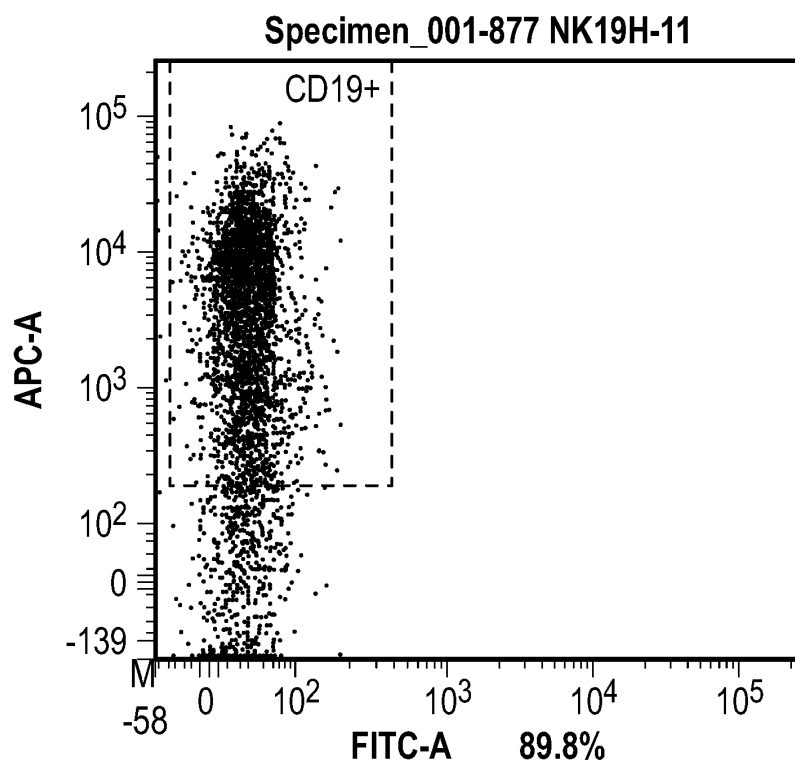


FIG. 25D

**FIG. 25E****FIG. 25F**

**FIG. 25G****FIG. 25H**

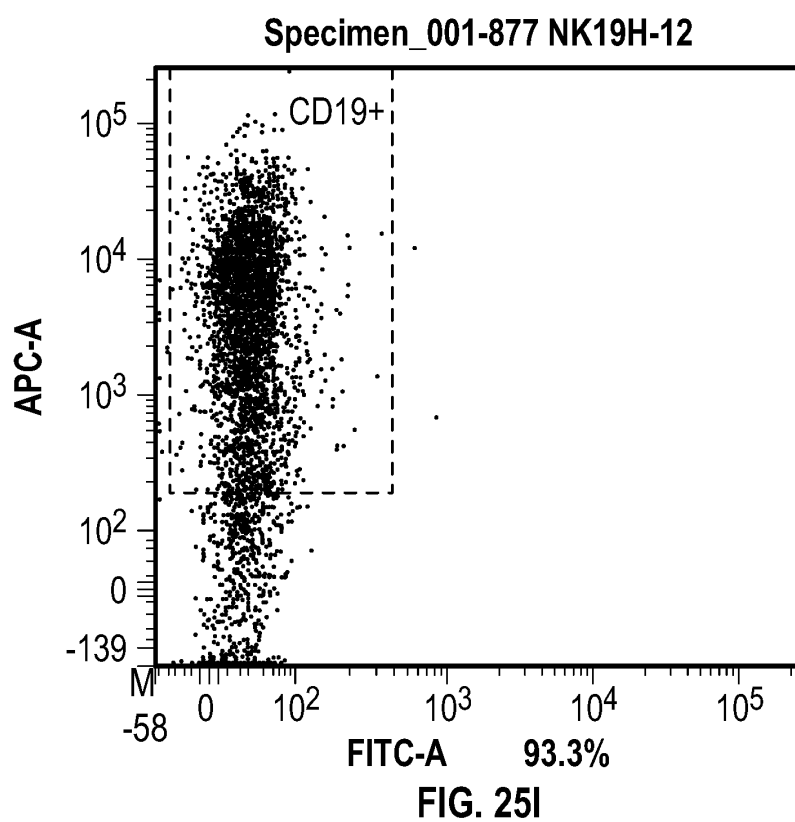


Figure 26A

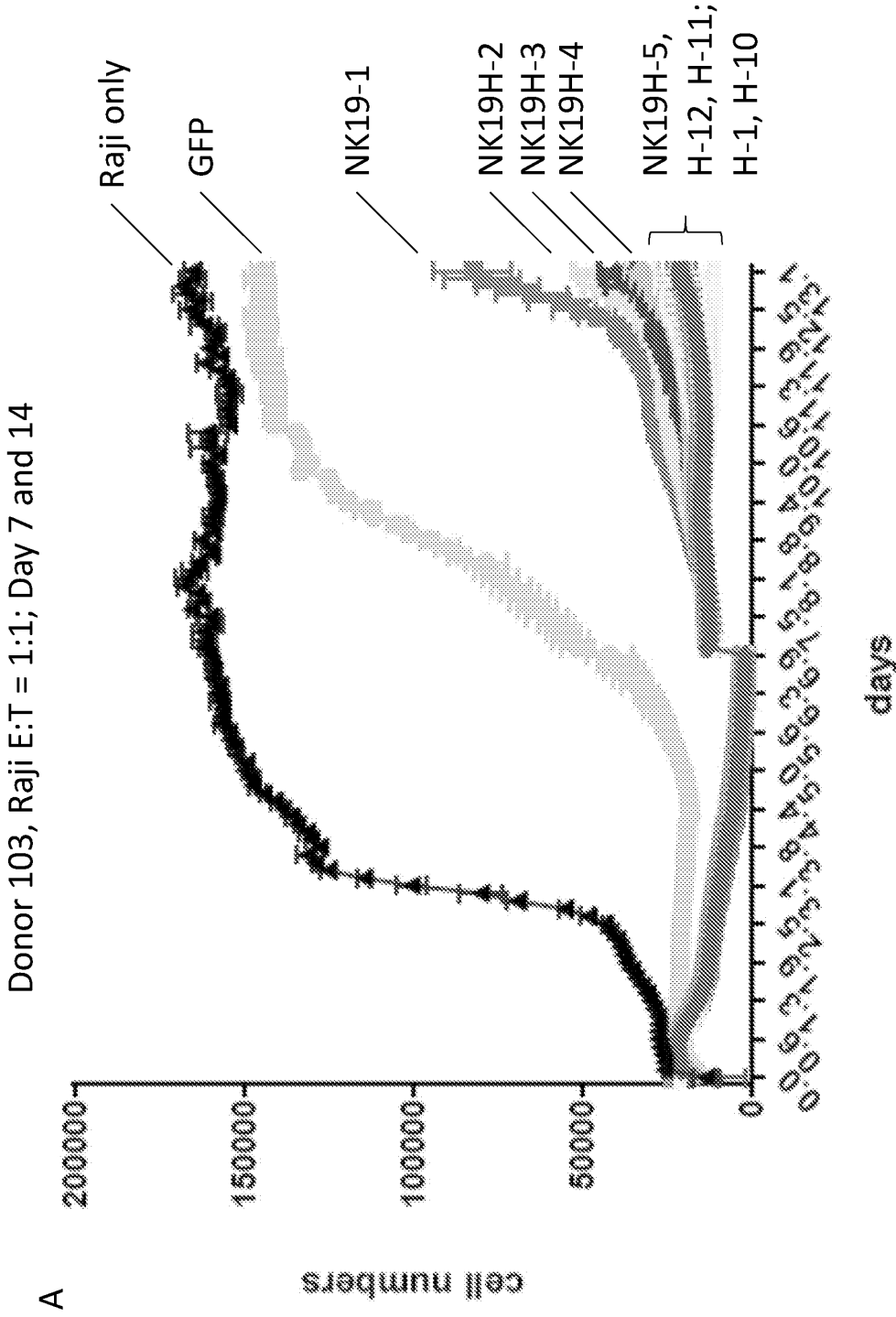


Figure 26B

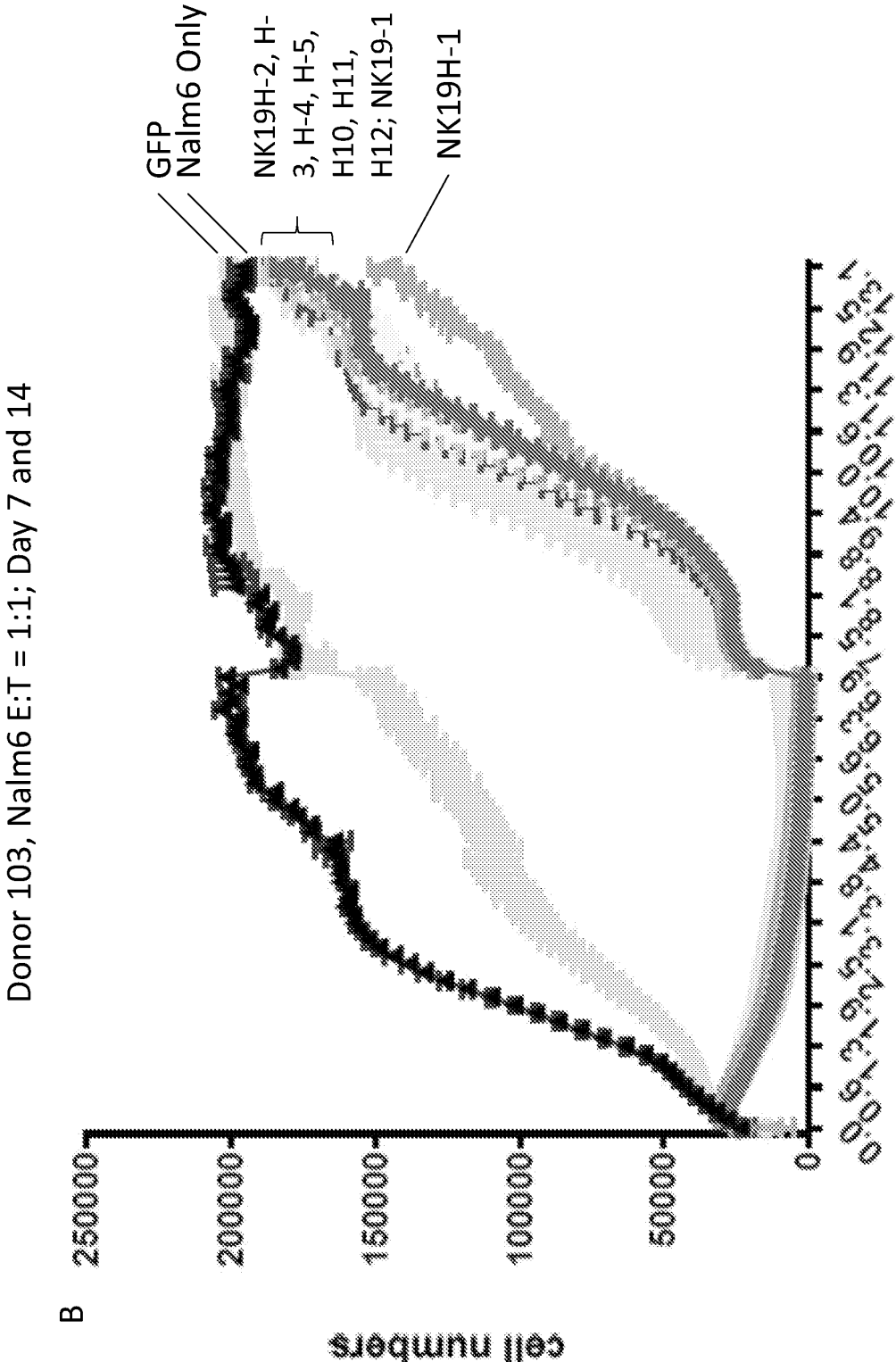


Figure 26C

Donor 275, Raji E:T = 1:1; Day 7 and 14

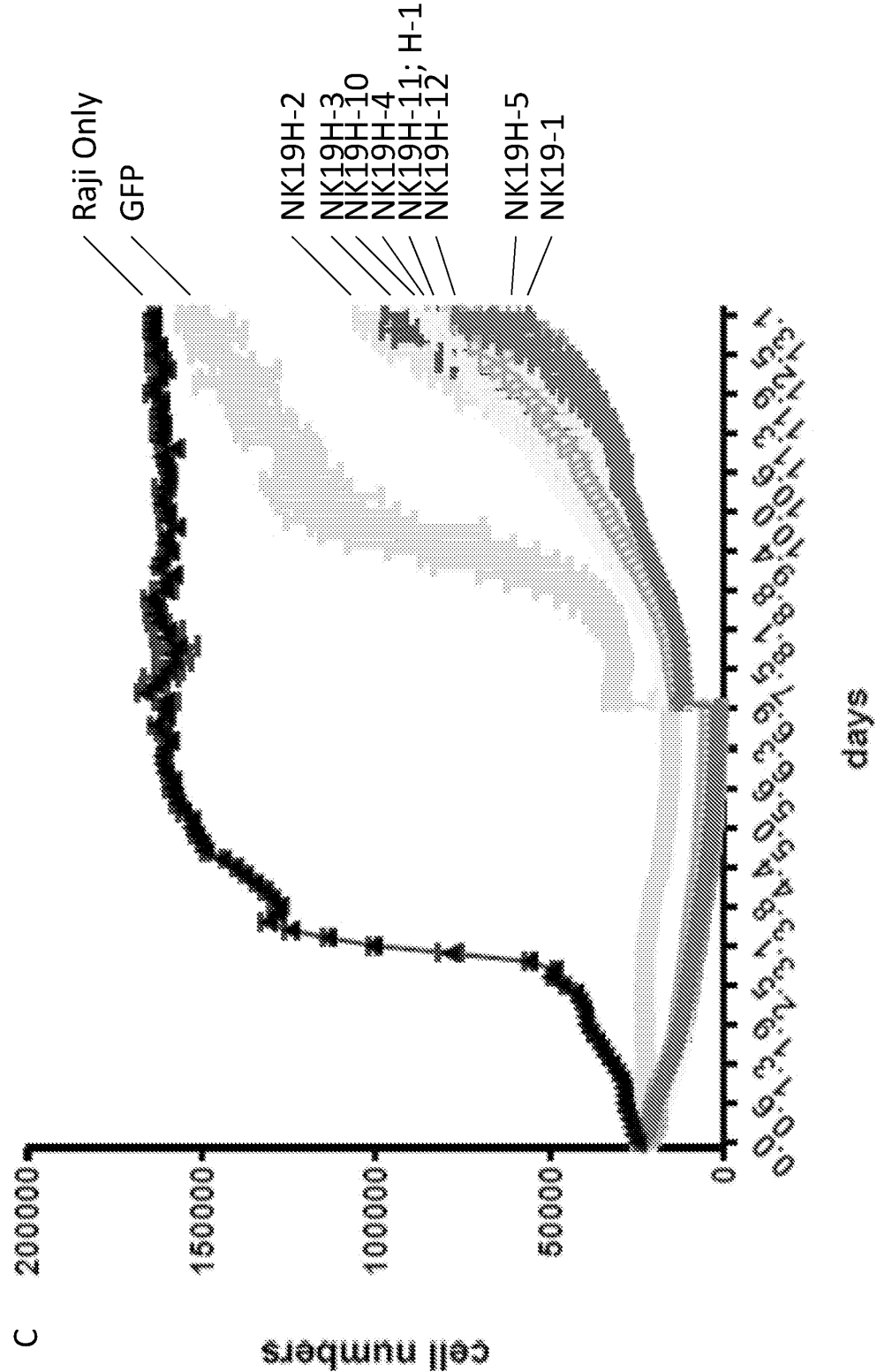
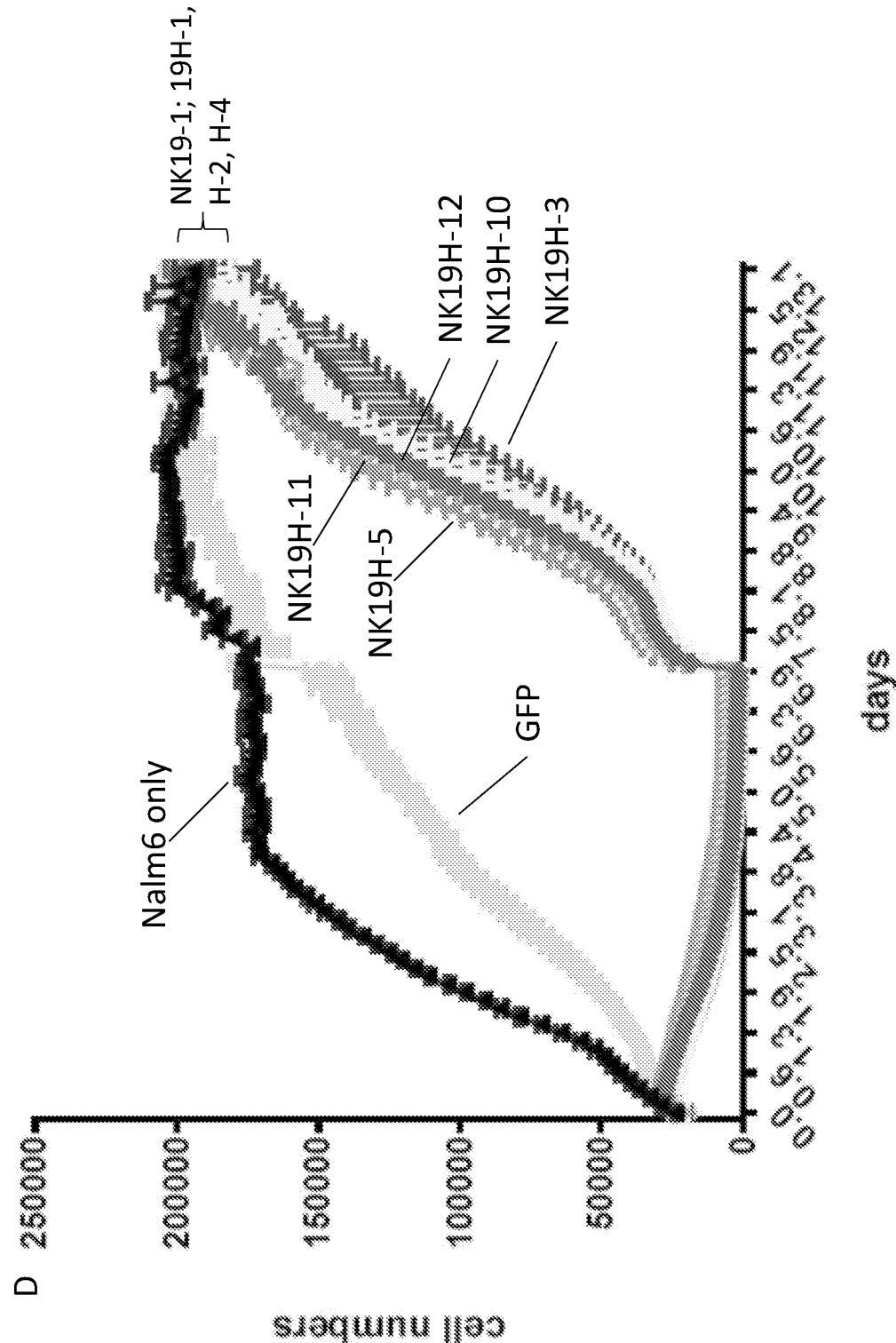


Figure 26D

Donor 275, Nalm6 E:T = 1:1; Day 7 and 14



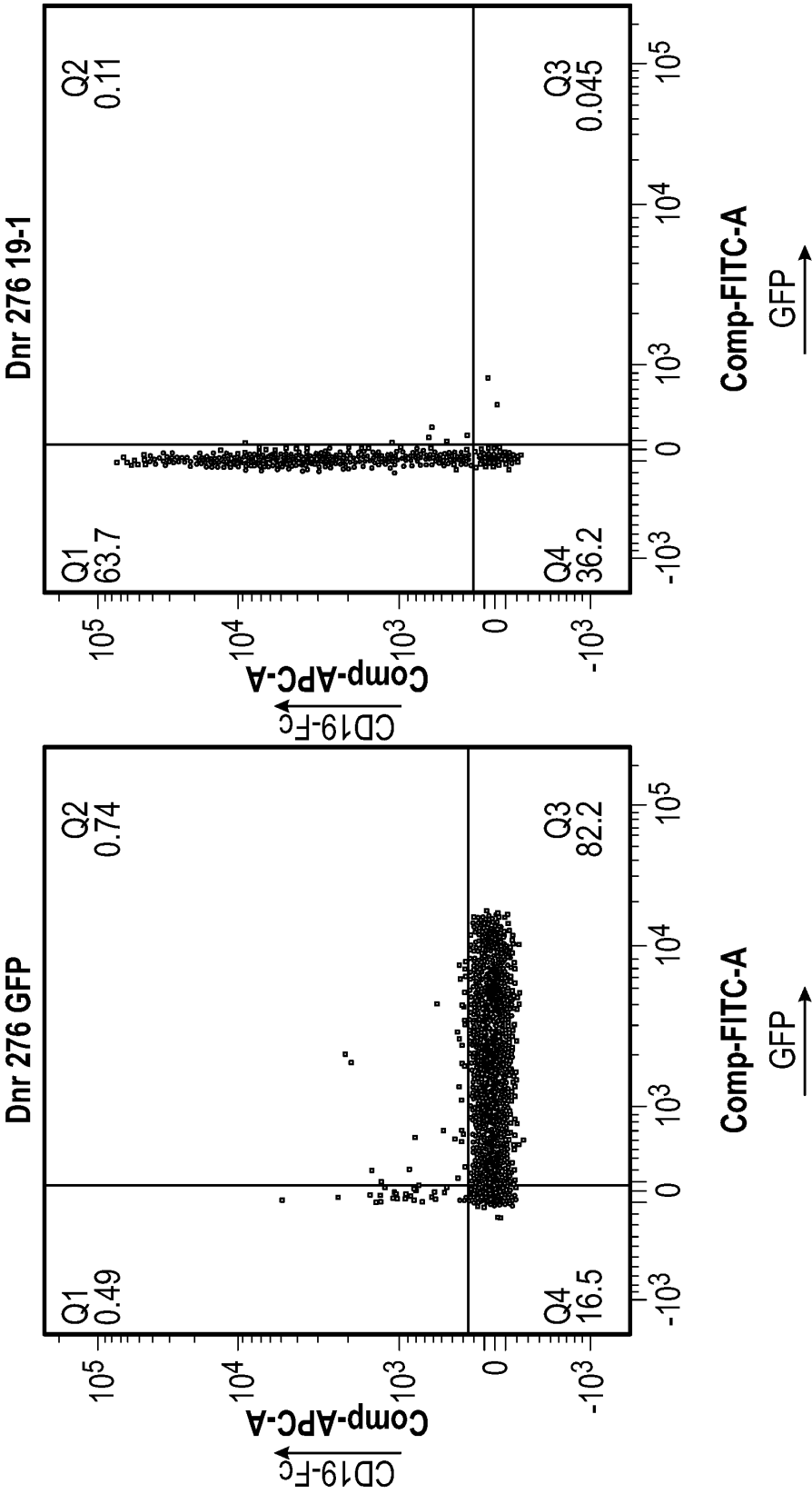


FIG. 27A

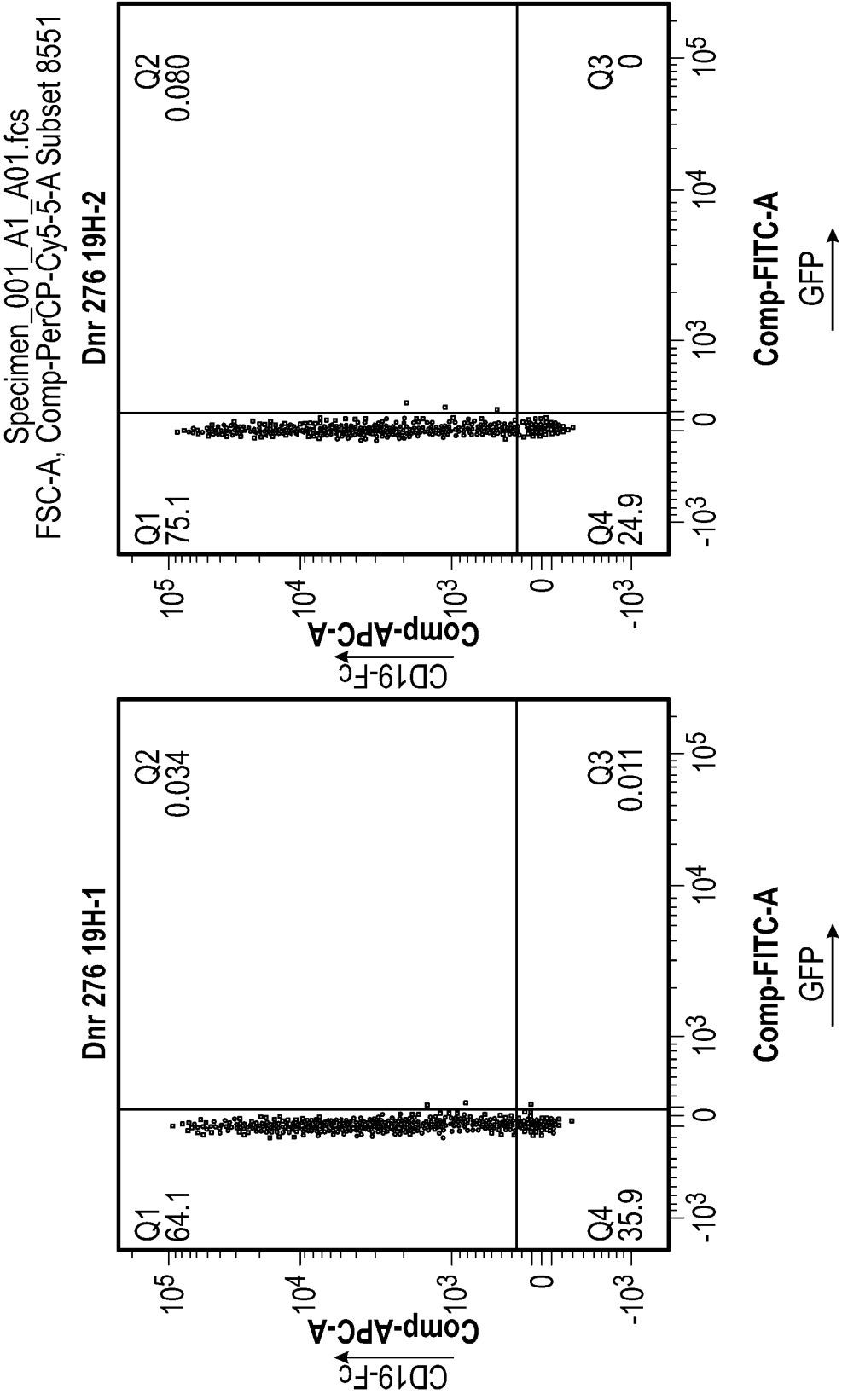


FIG. 27A
(Continued)

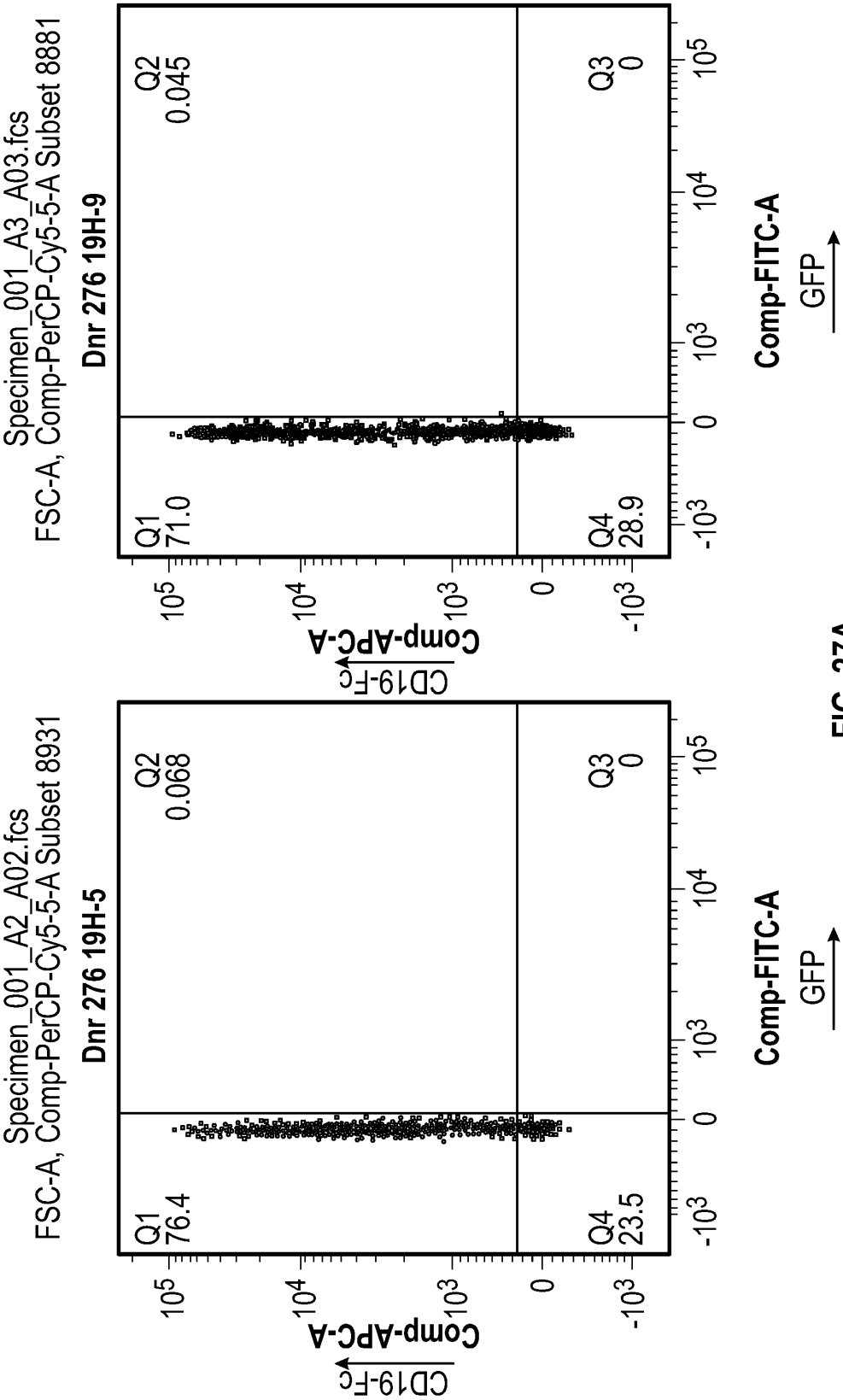


FIG. 27A
(Continued)

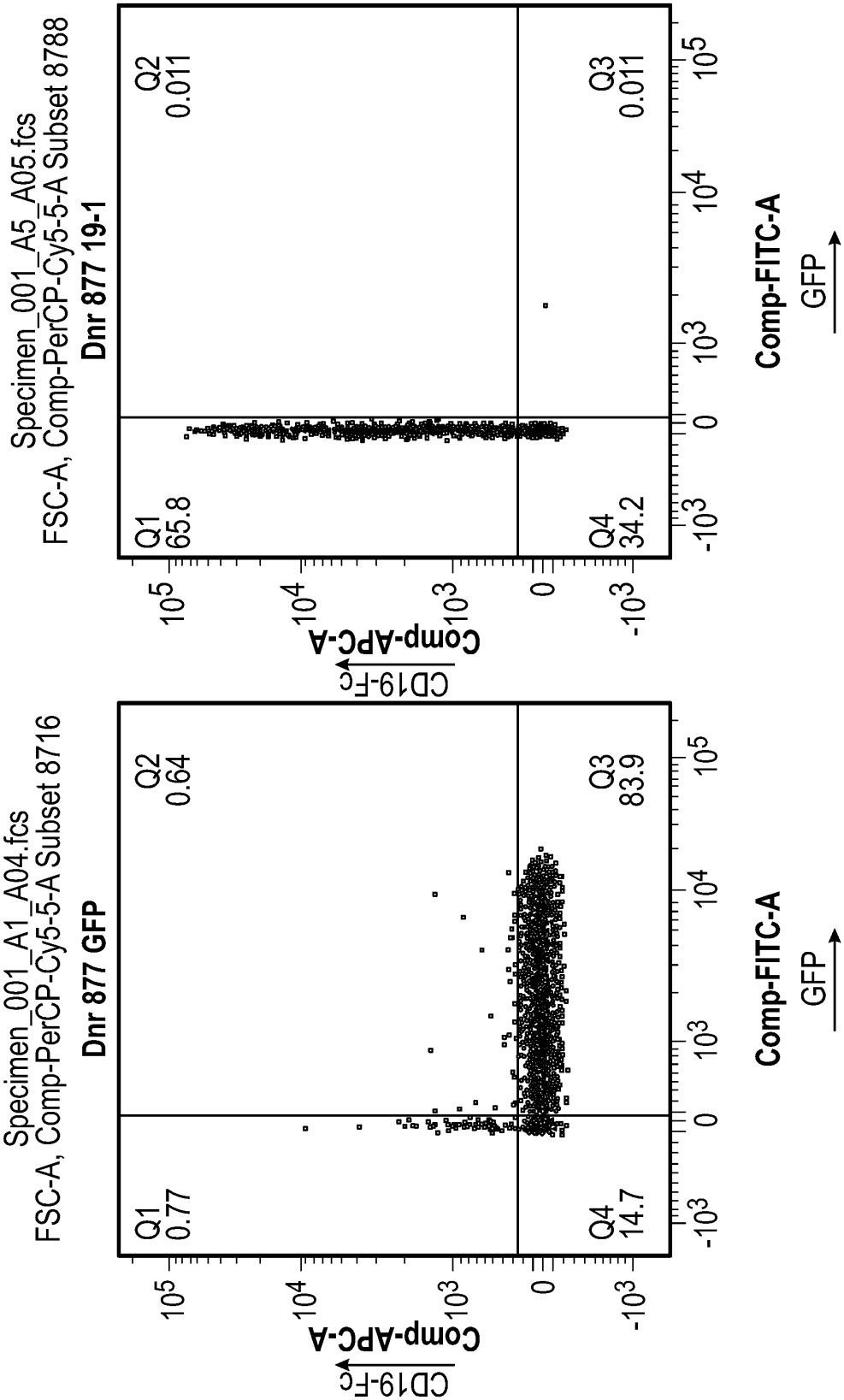
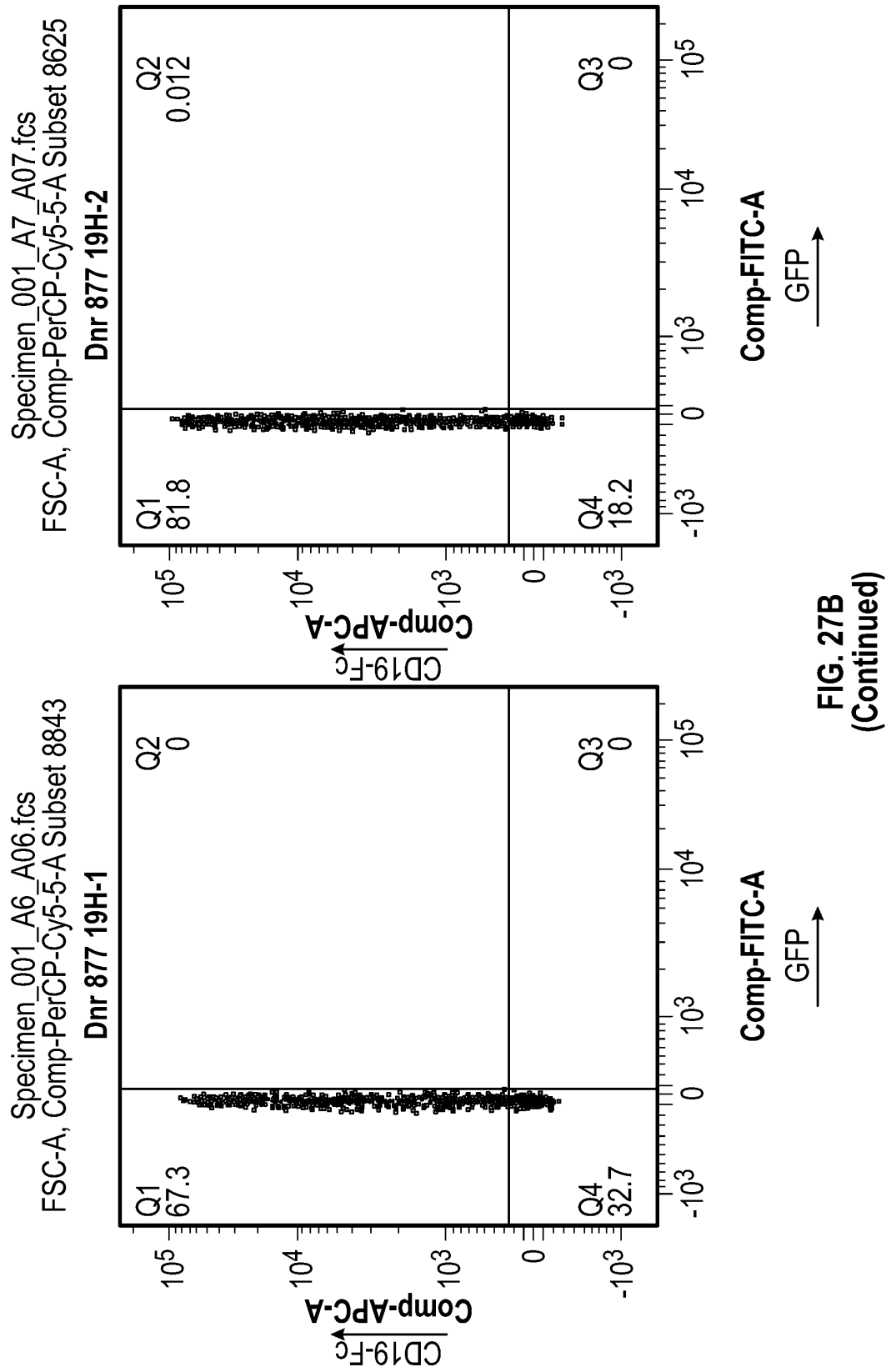


FIG. 27B



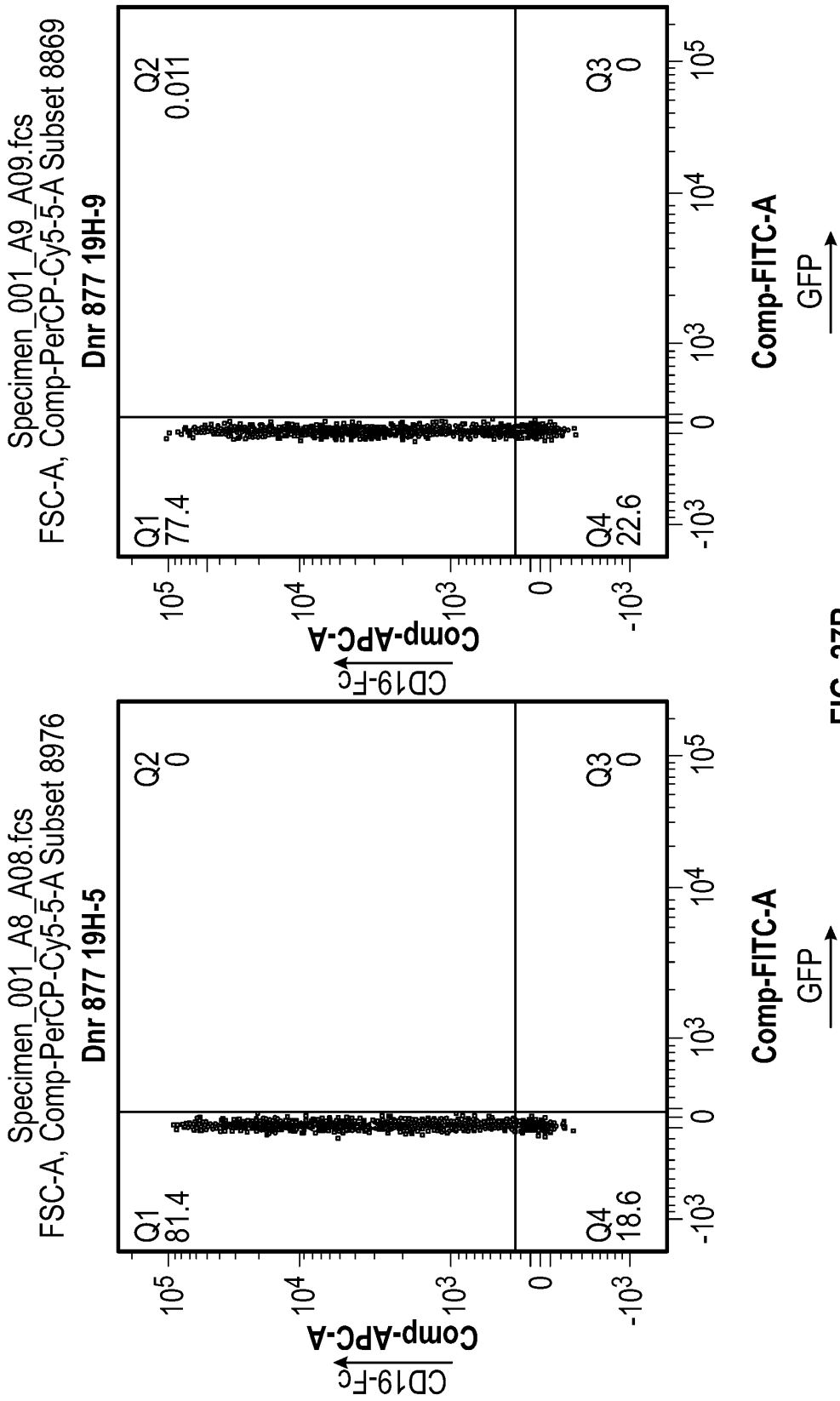


Figure 28A

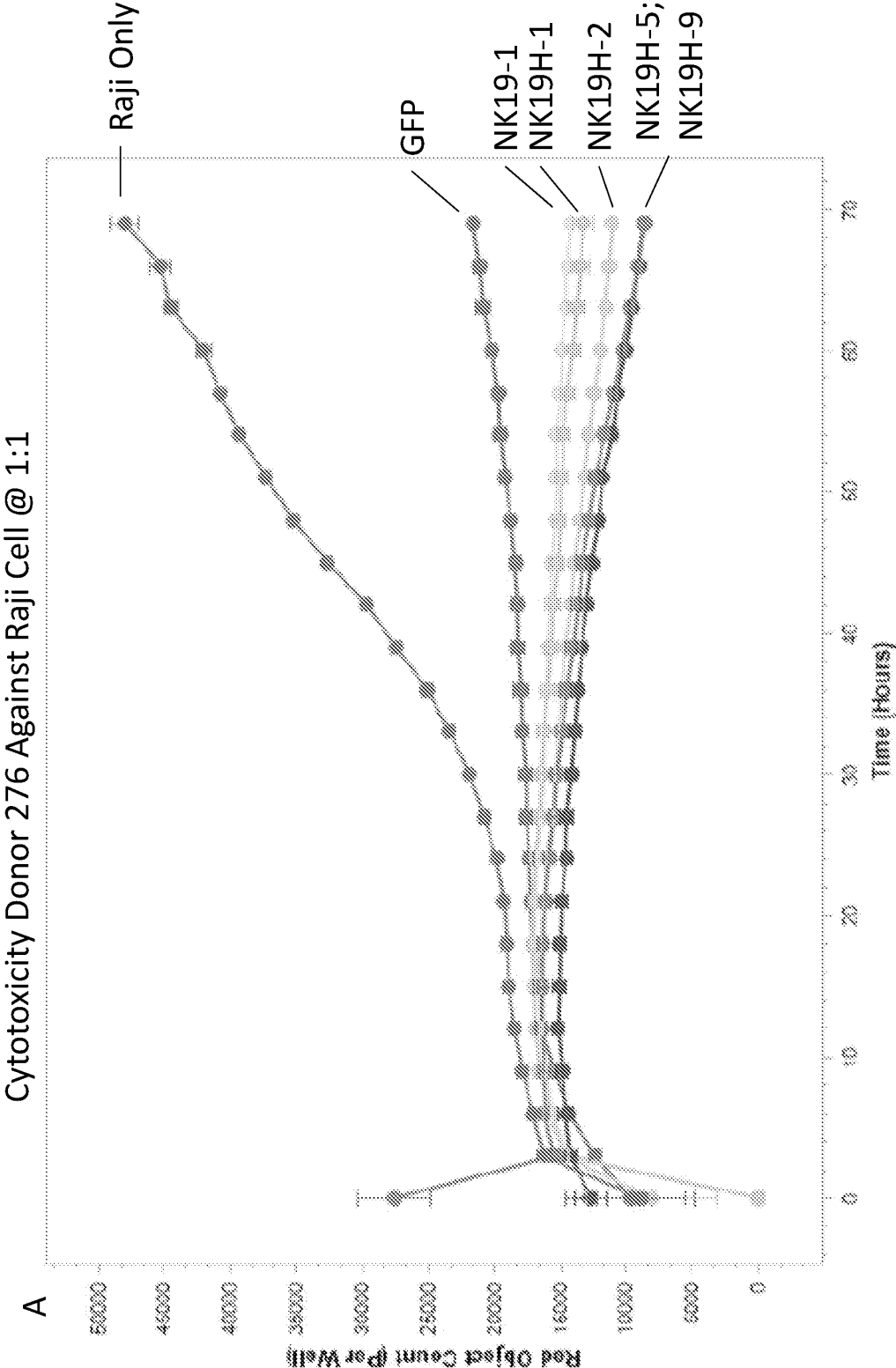


Figure 28B

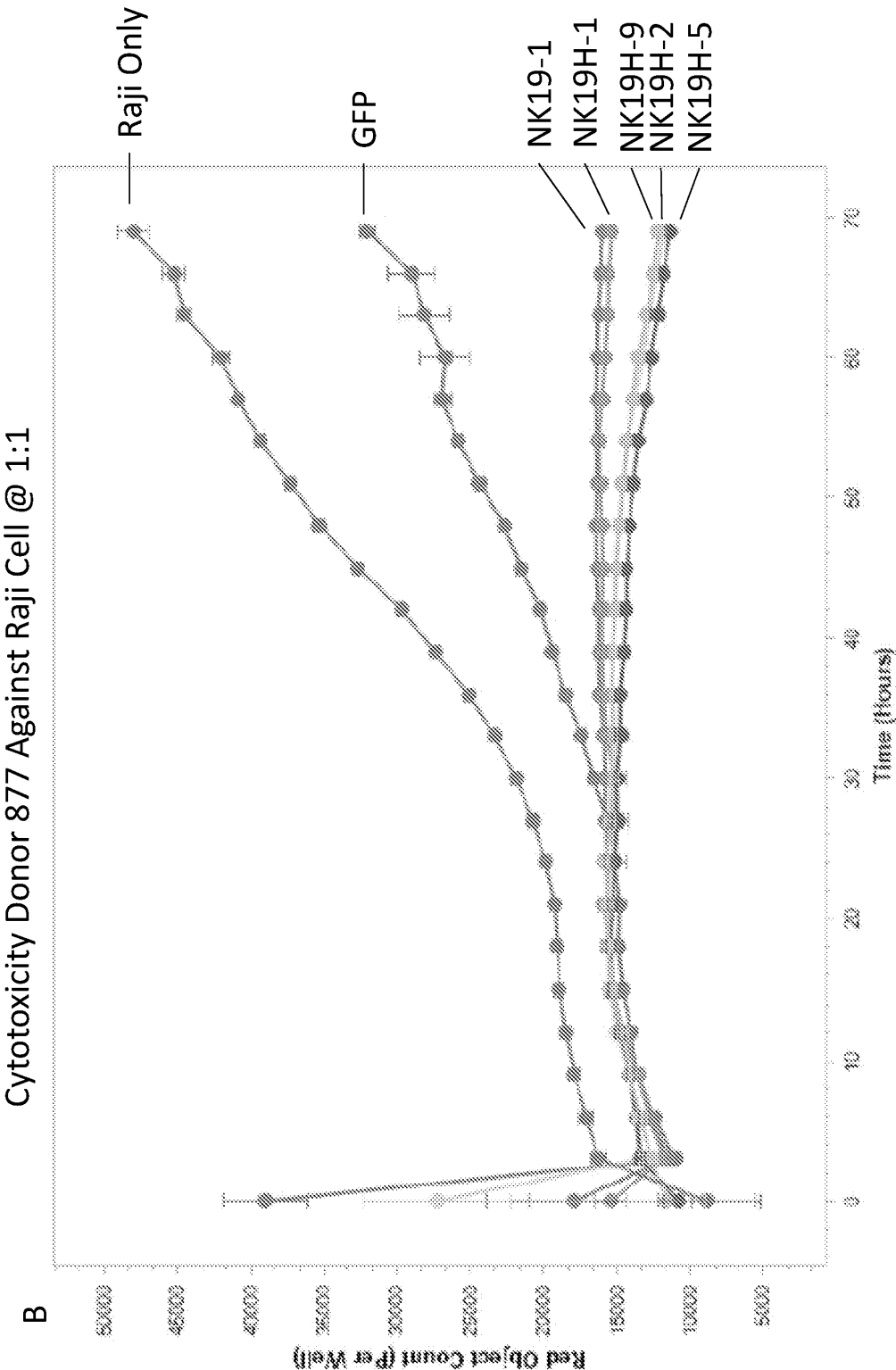
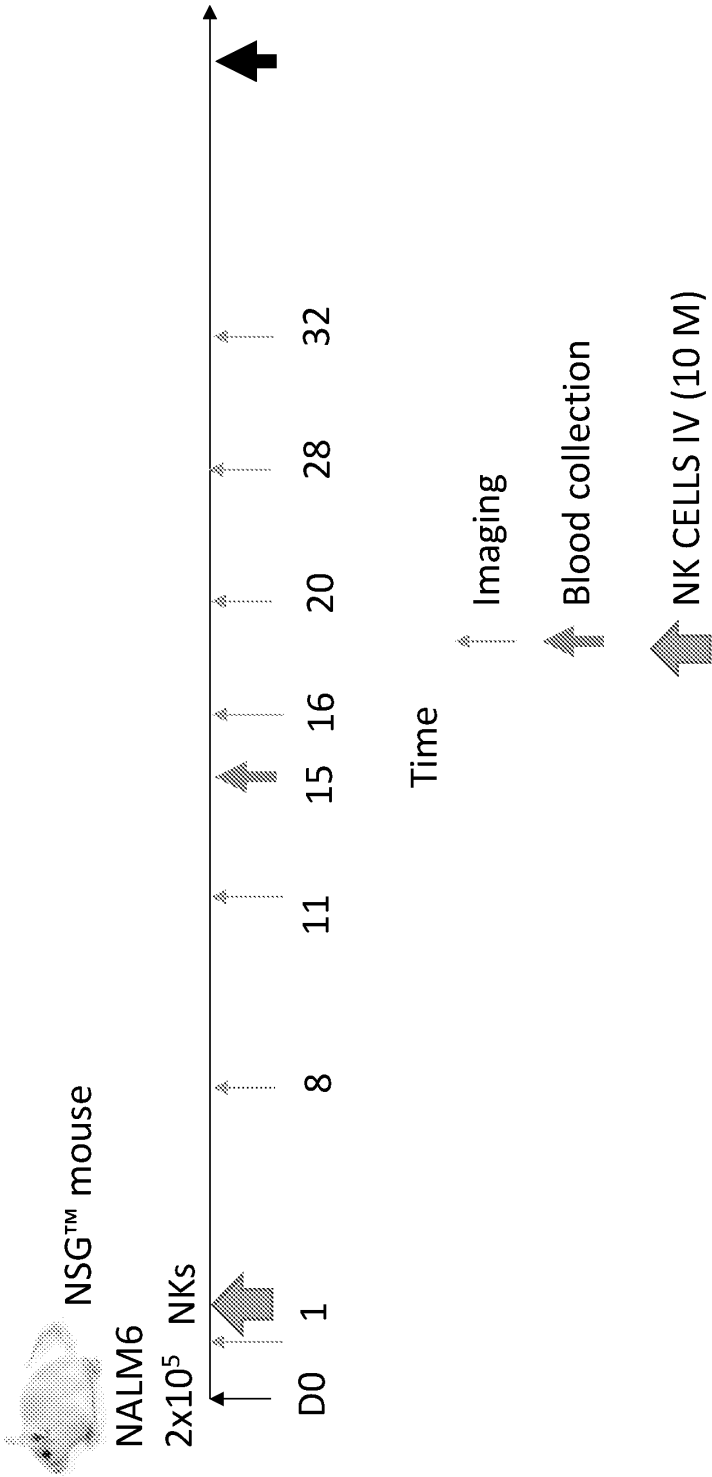


Figure 29A



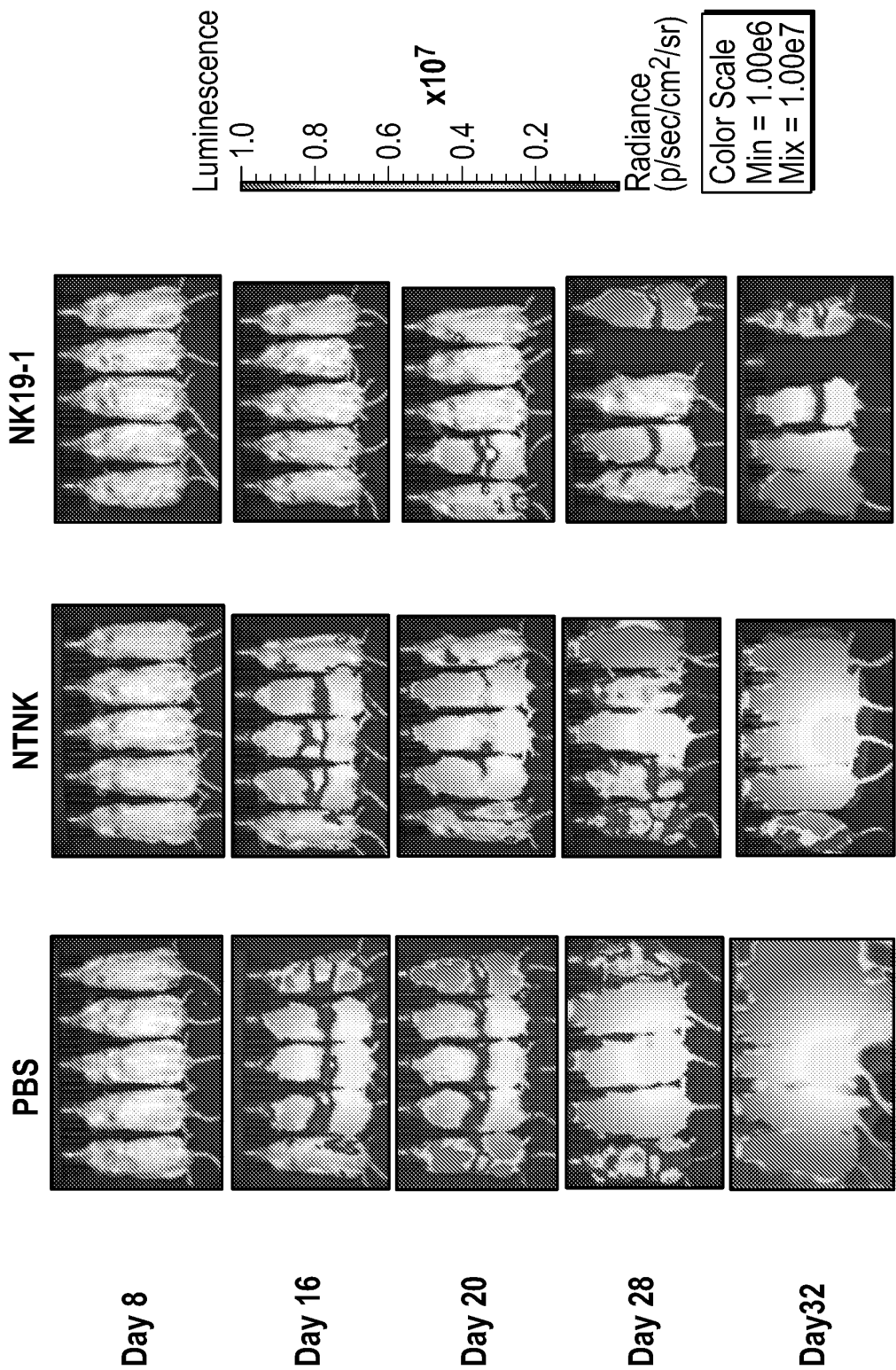


FIG. 29B

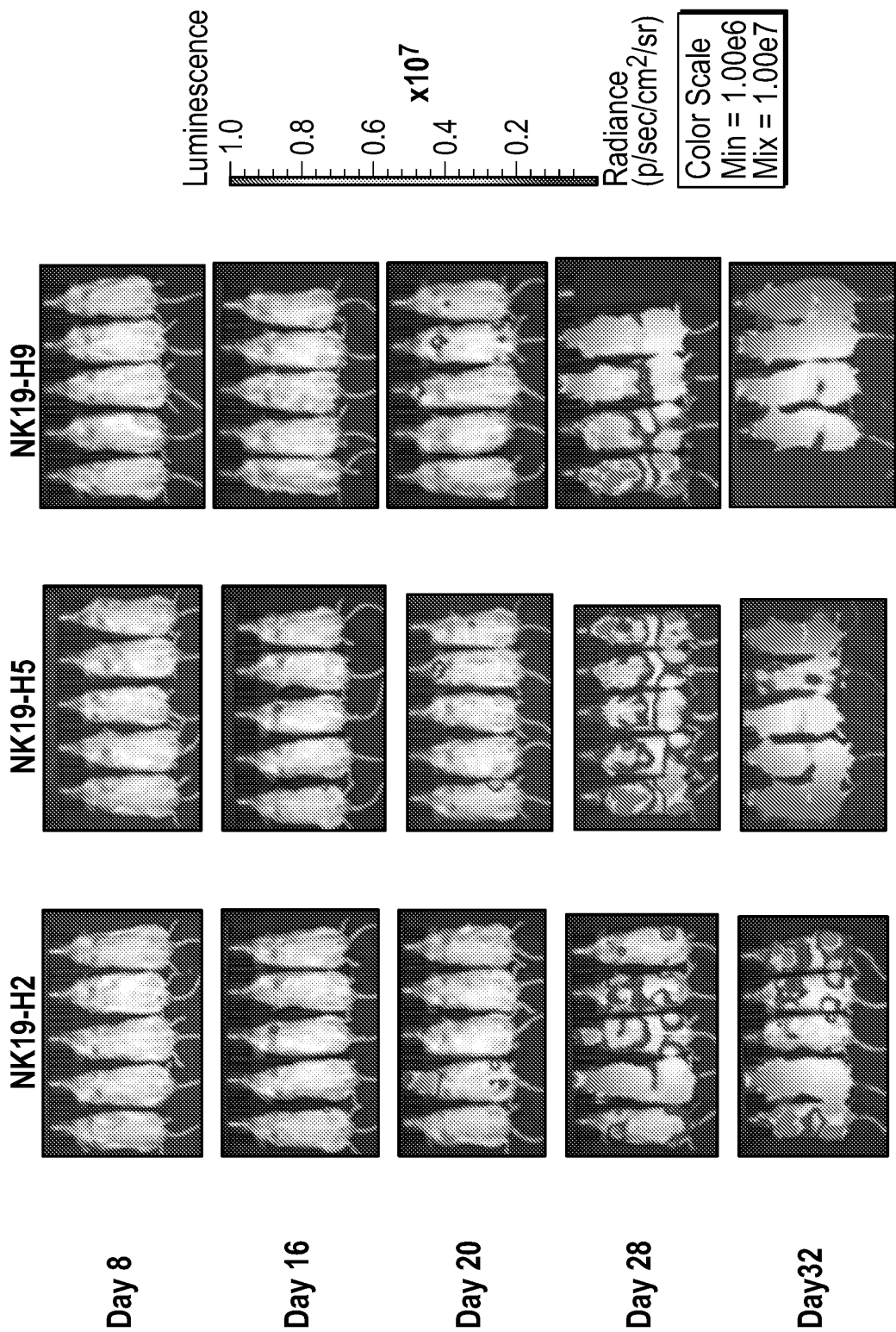


FIG. 29B (continued)

Figure 29C

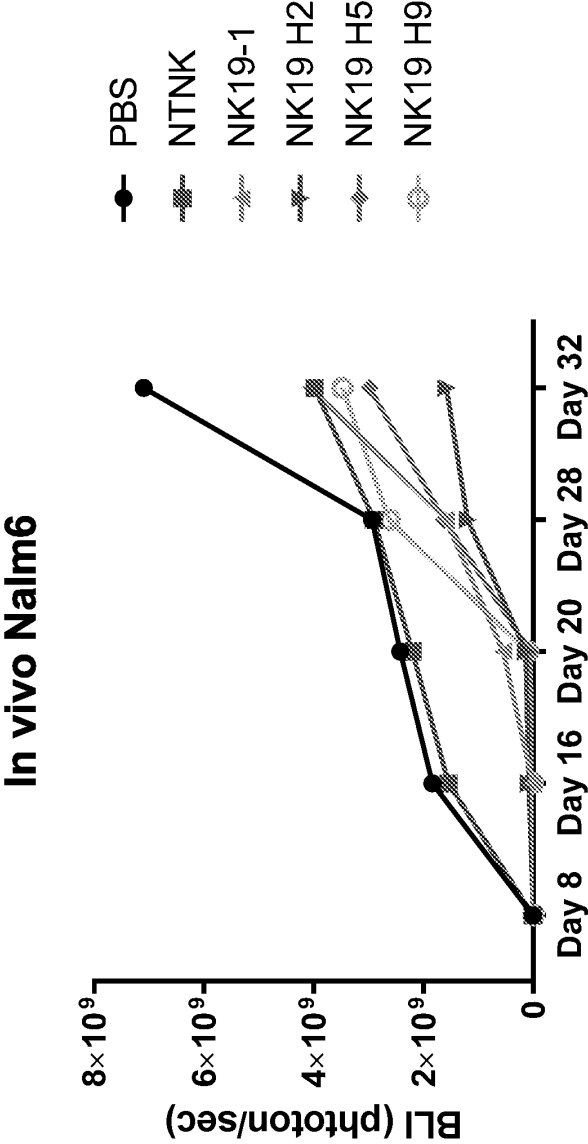


Figure 29D

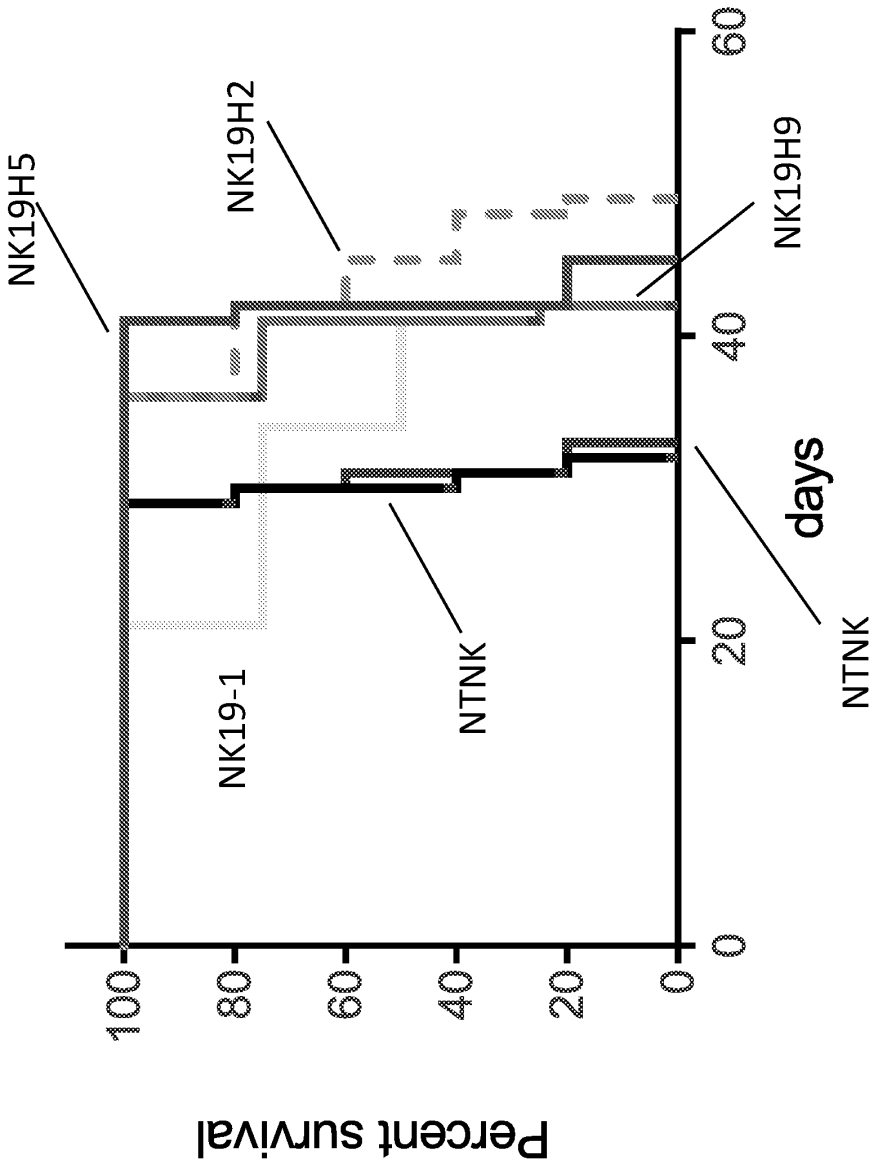


Figure 29E

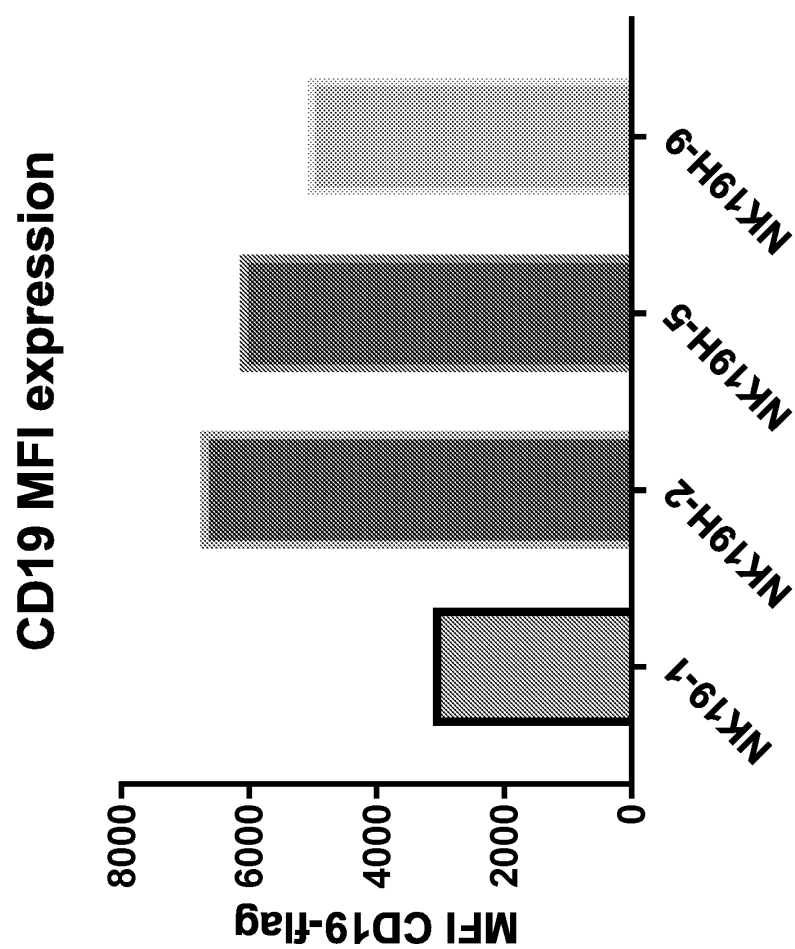


Figure 30A-30B

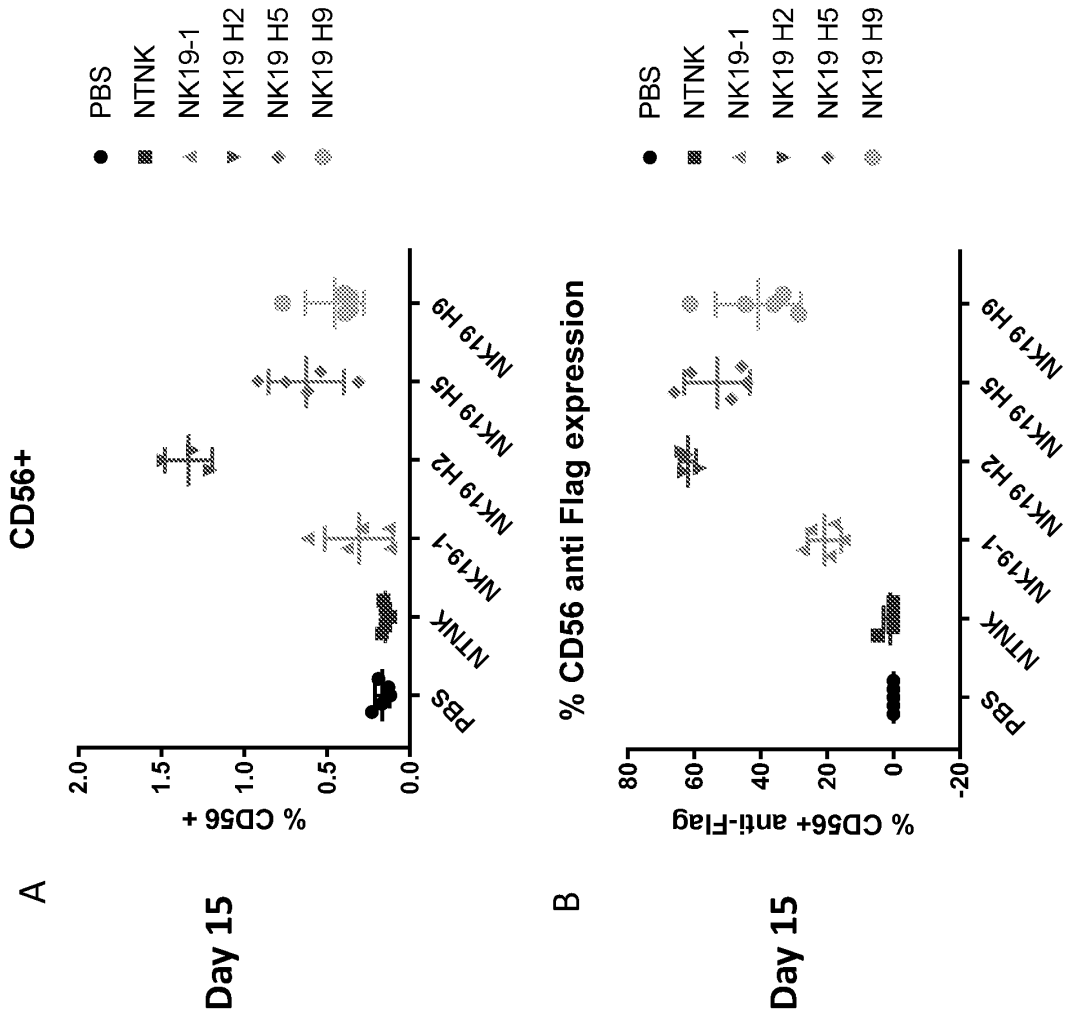


Figure 30C-30D

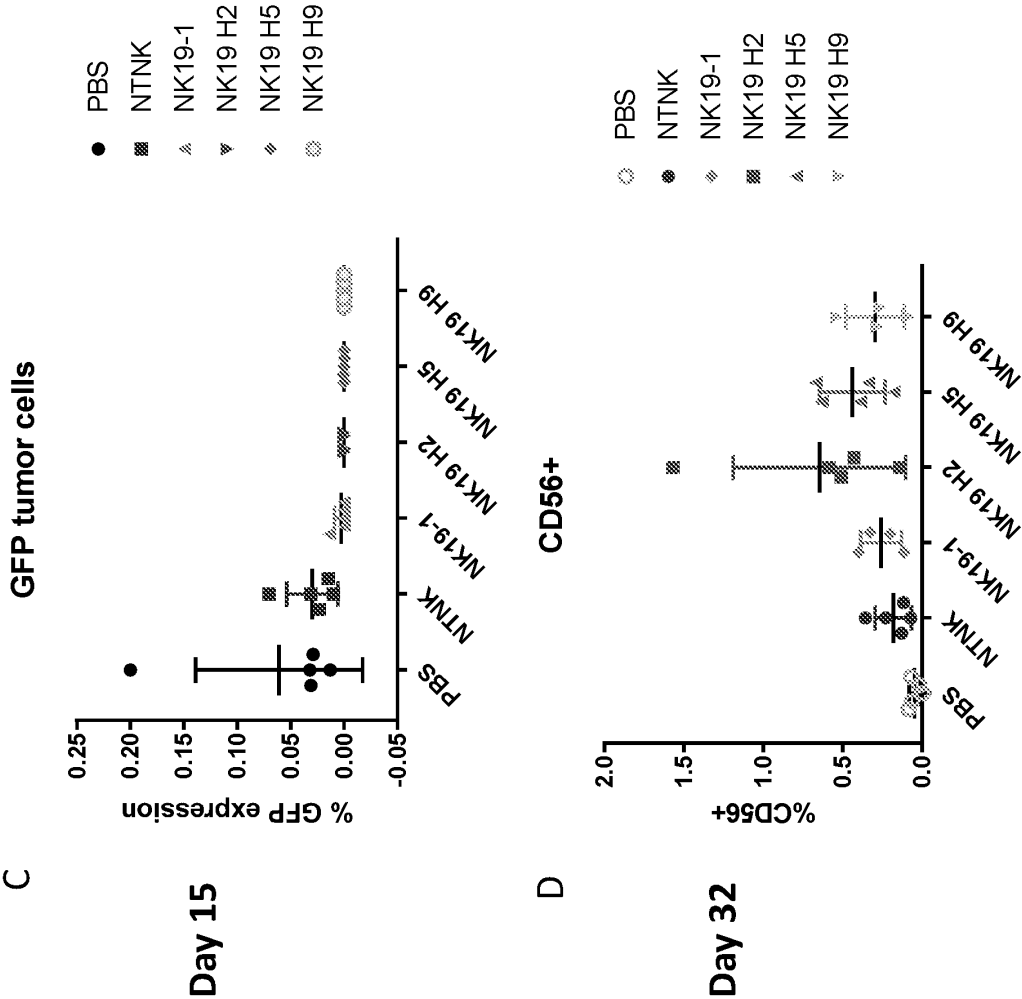


Figure 30E-30F

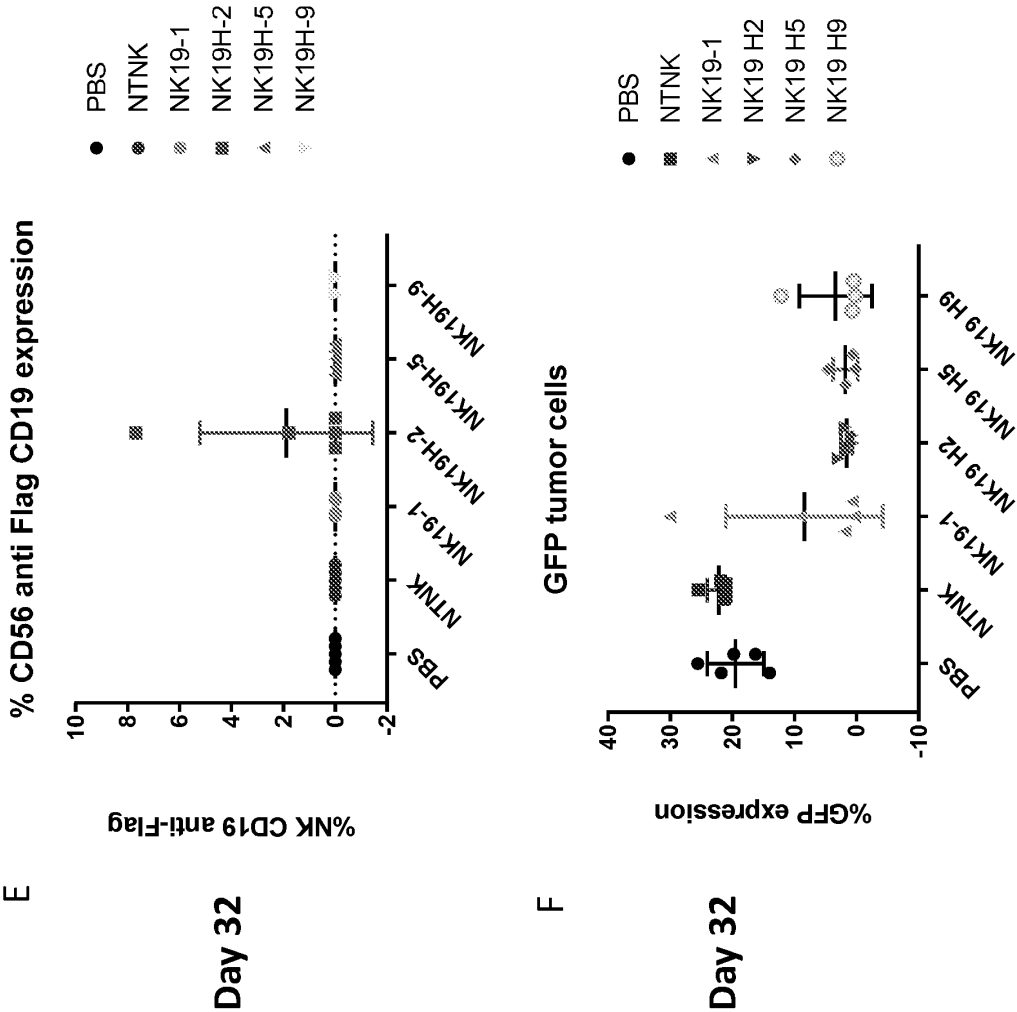


Figure 31A-31B

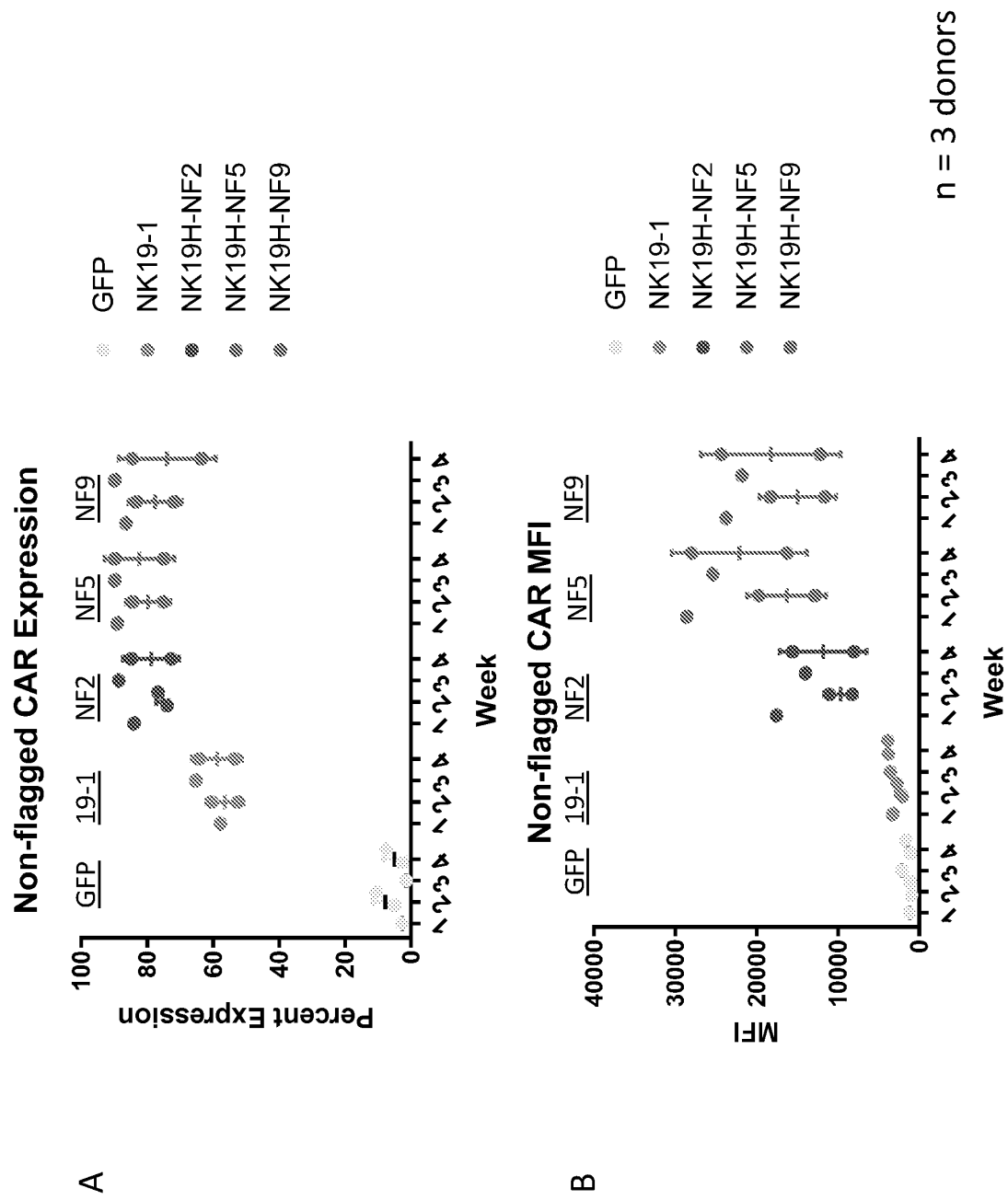


Figure 32A-32B

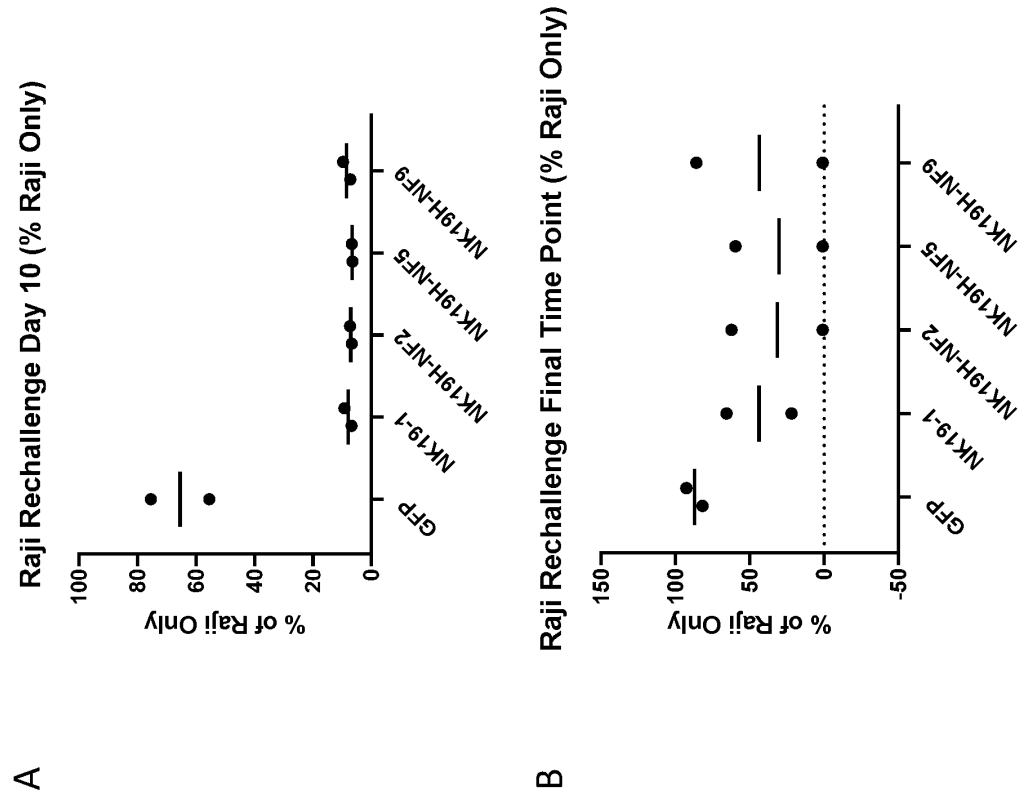


Figure 32C-32D

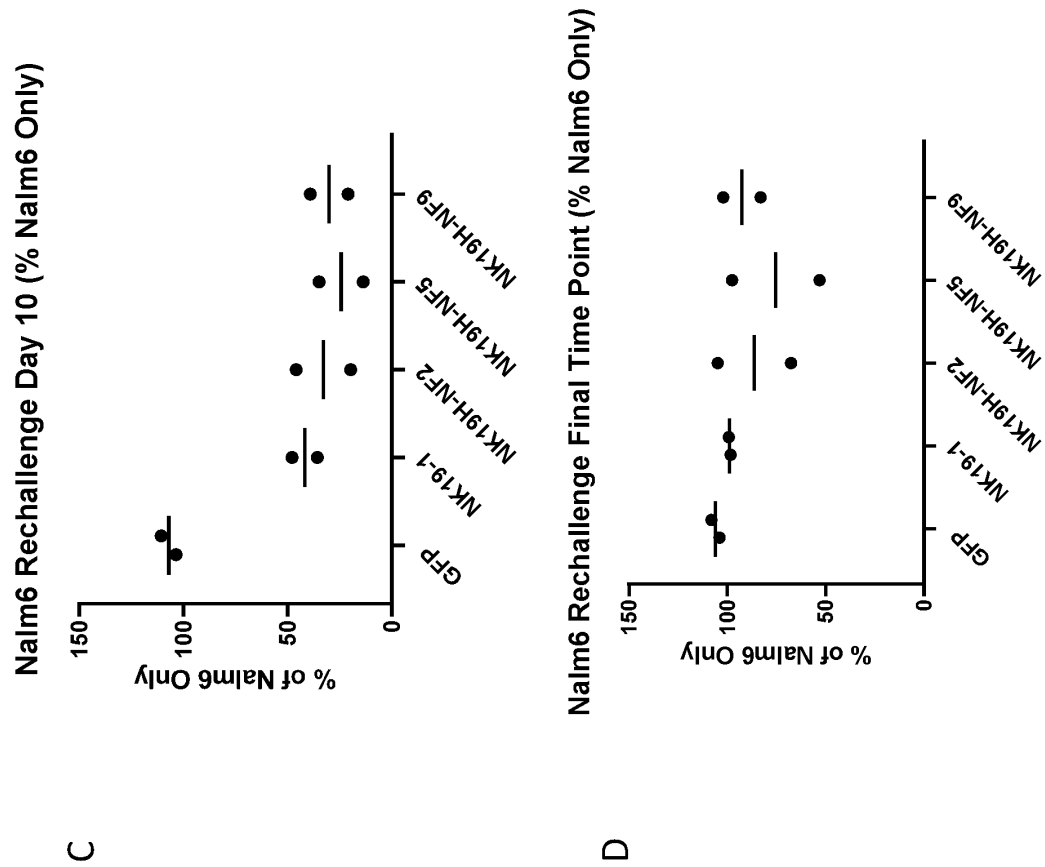


Figure 33A-33B

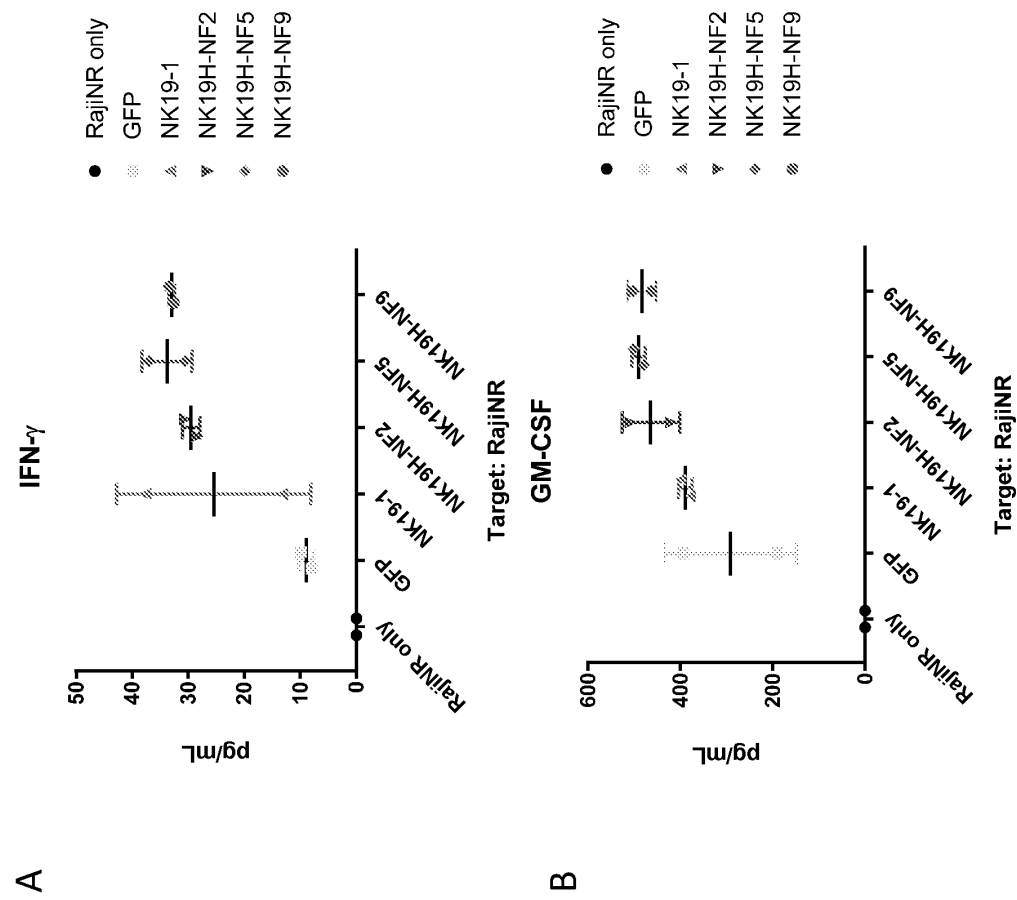


Figure 33C-33D

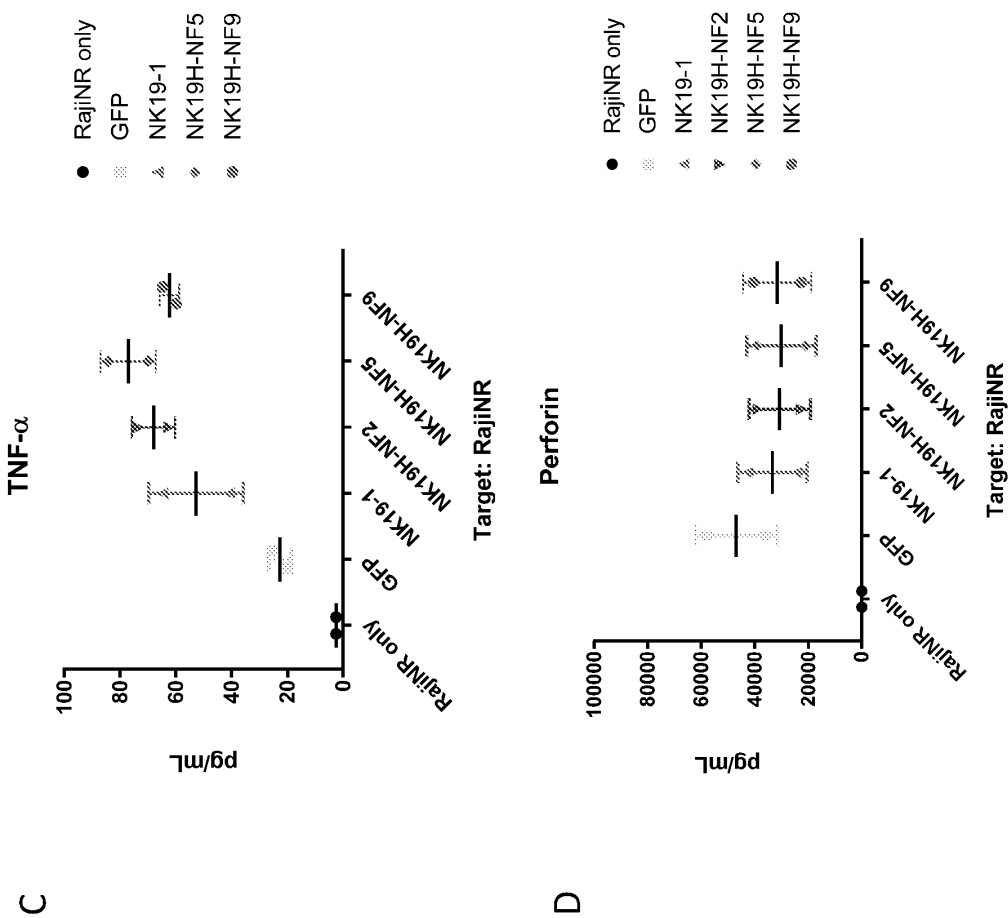


Figure 33E-33F

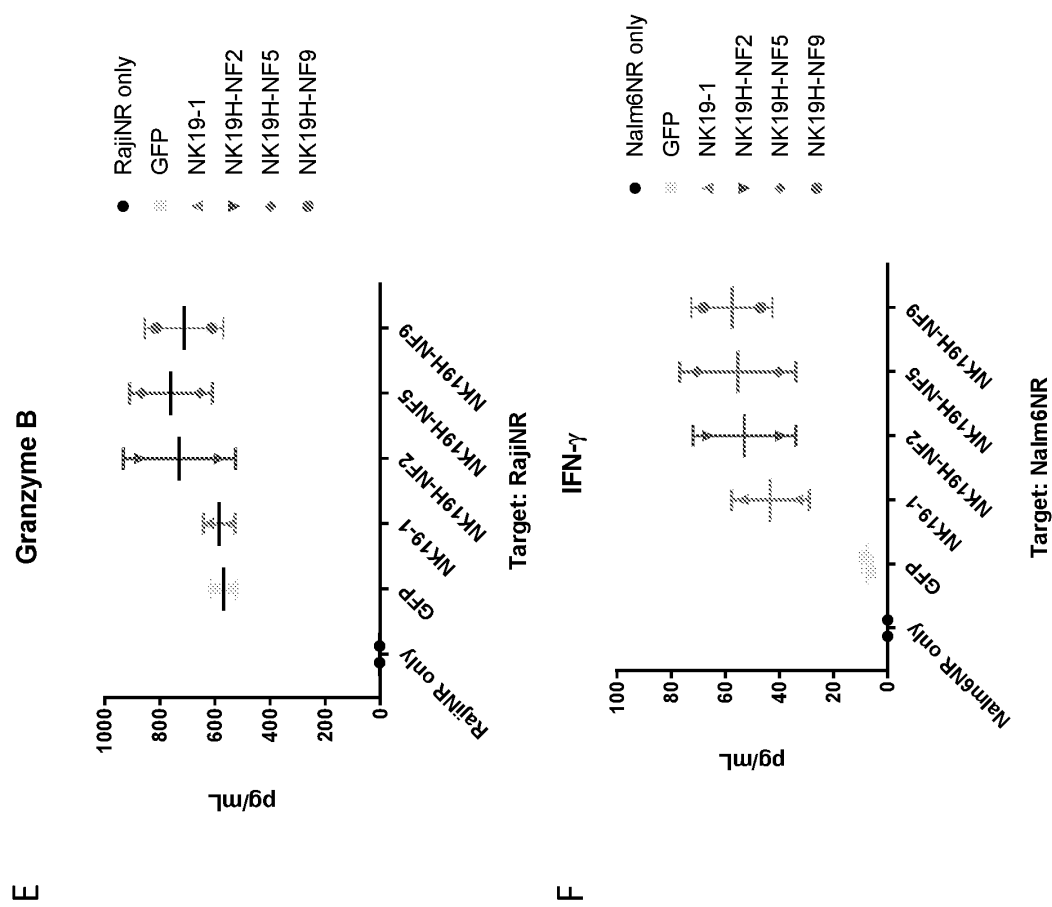


Figure 33G-33H

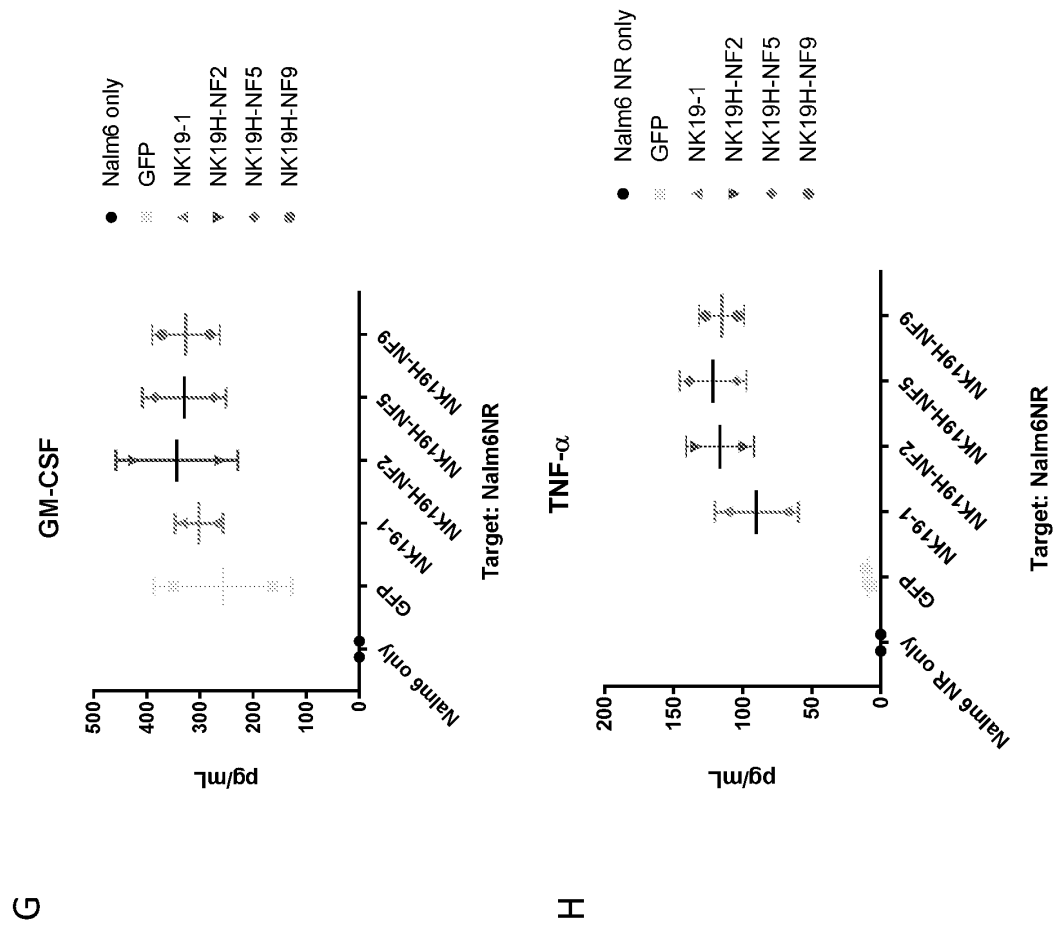


Figure 33I-33J

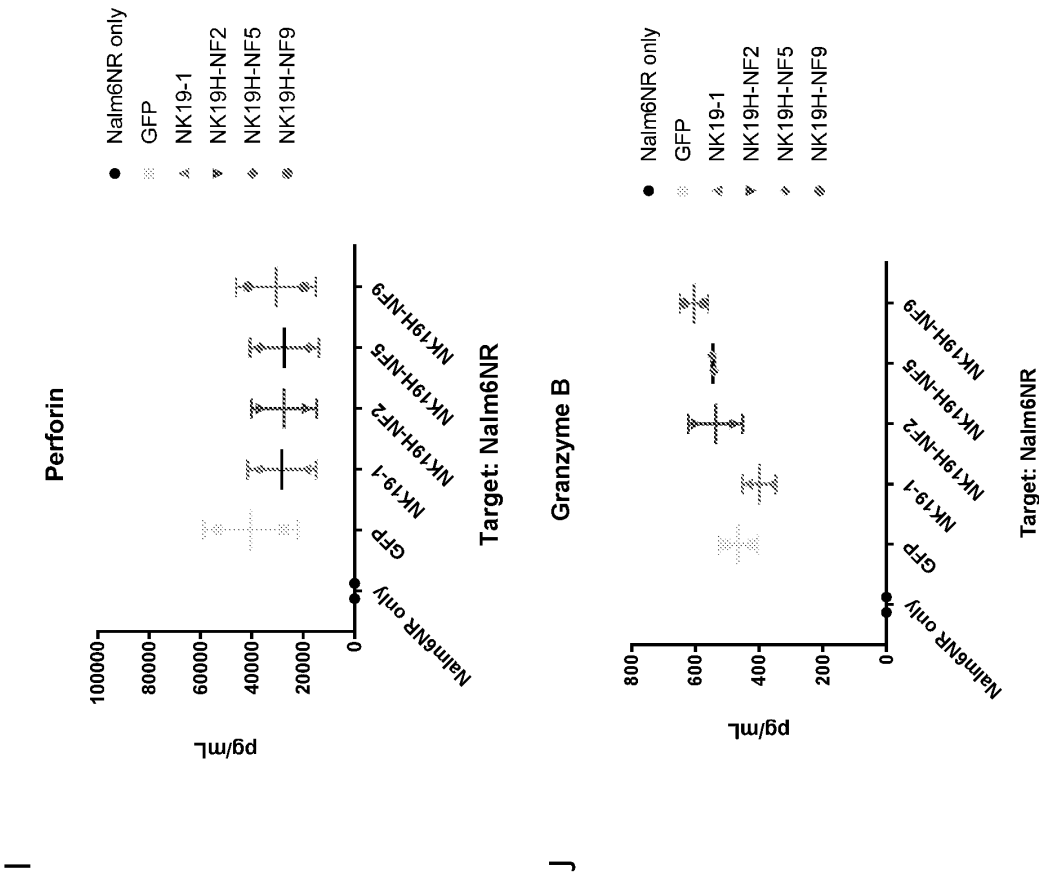


Figure 34

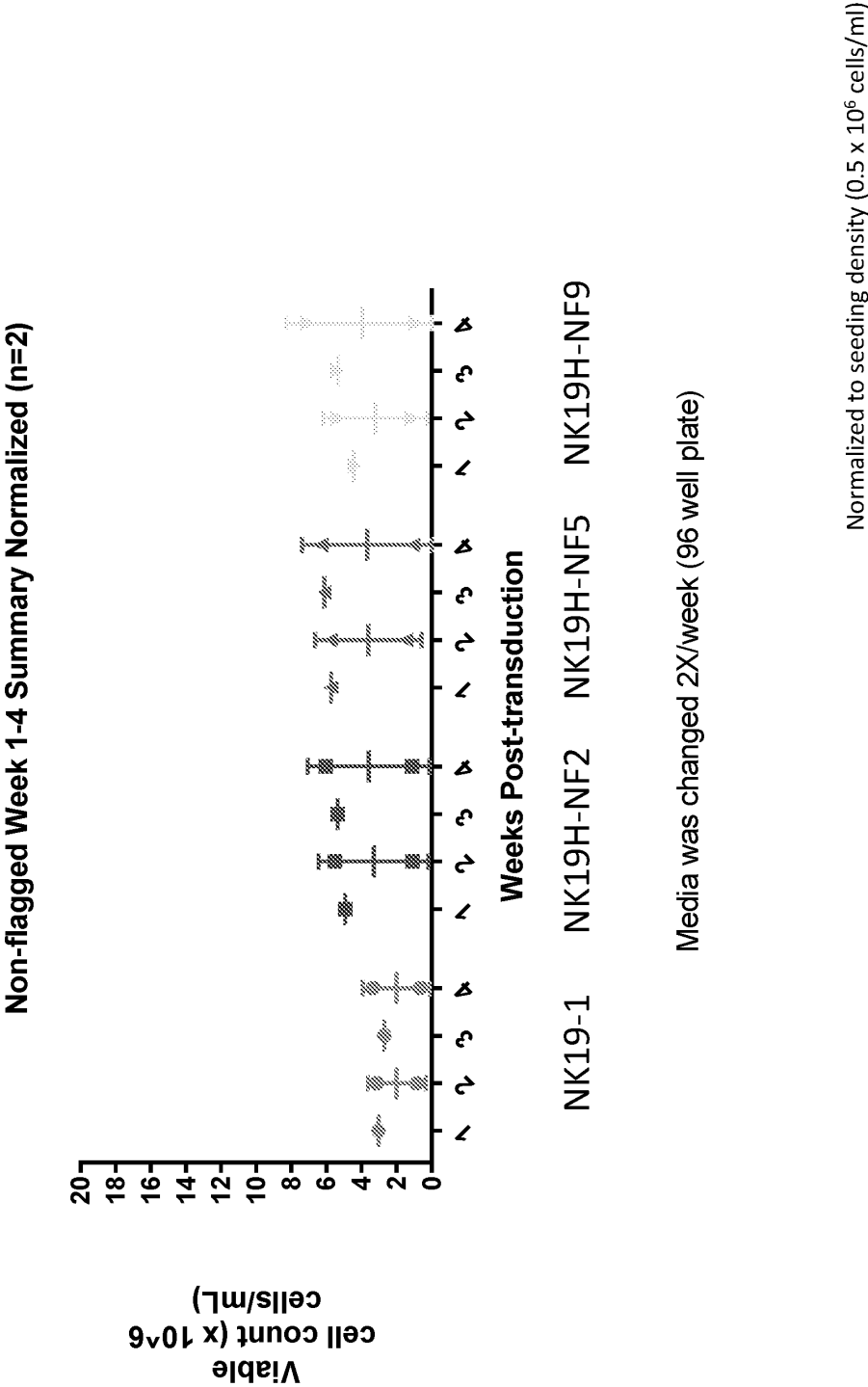
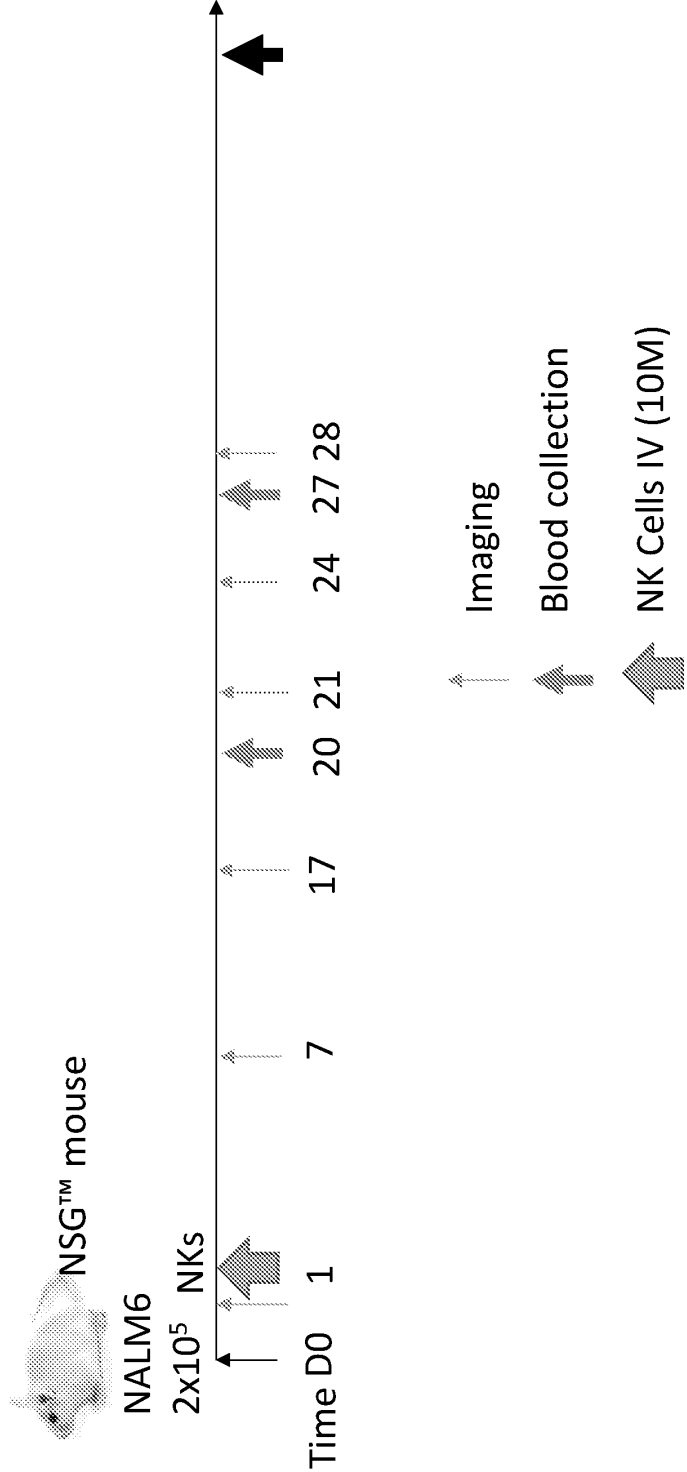


Figure 35A



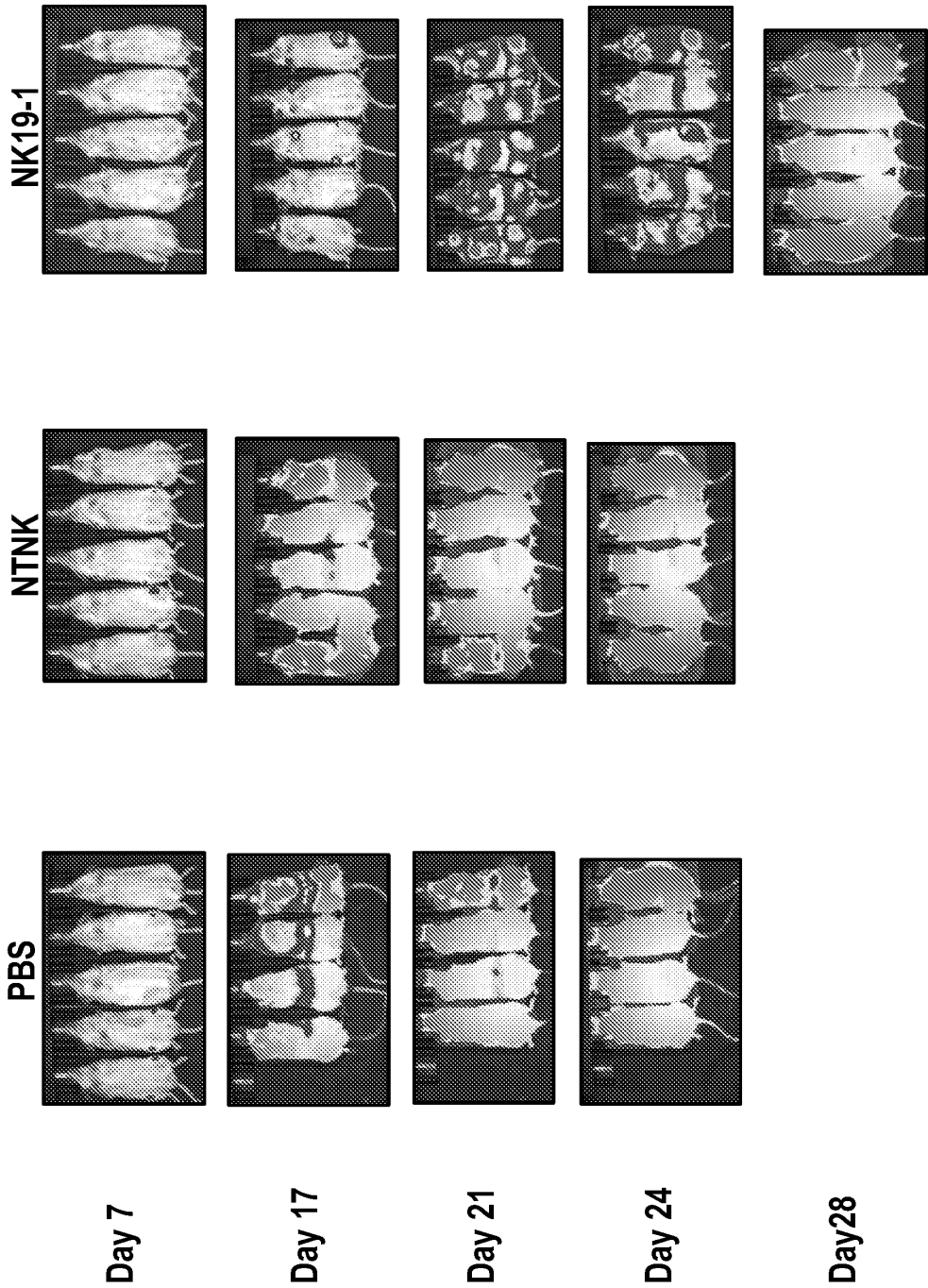


FIG. 35B

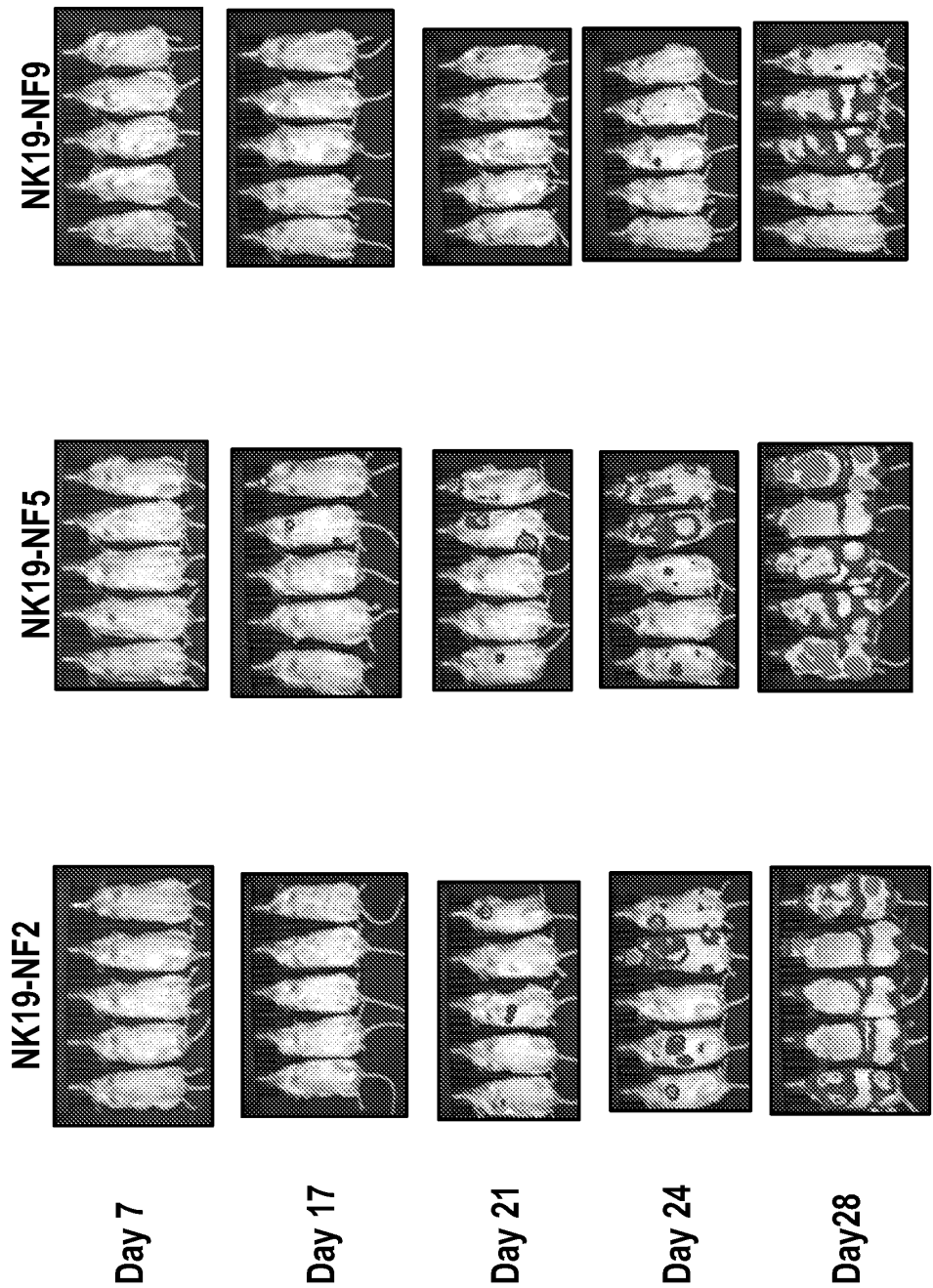


FIG. 35B (continued)

Figure 35C-35D

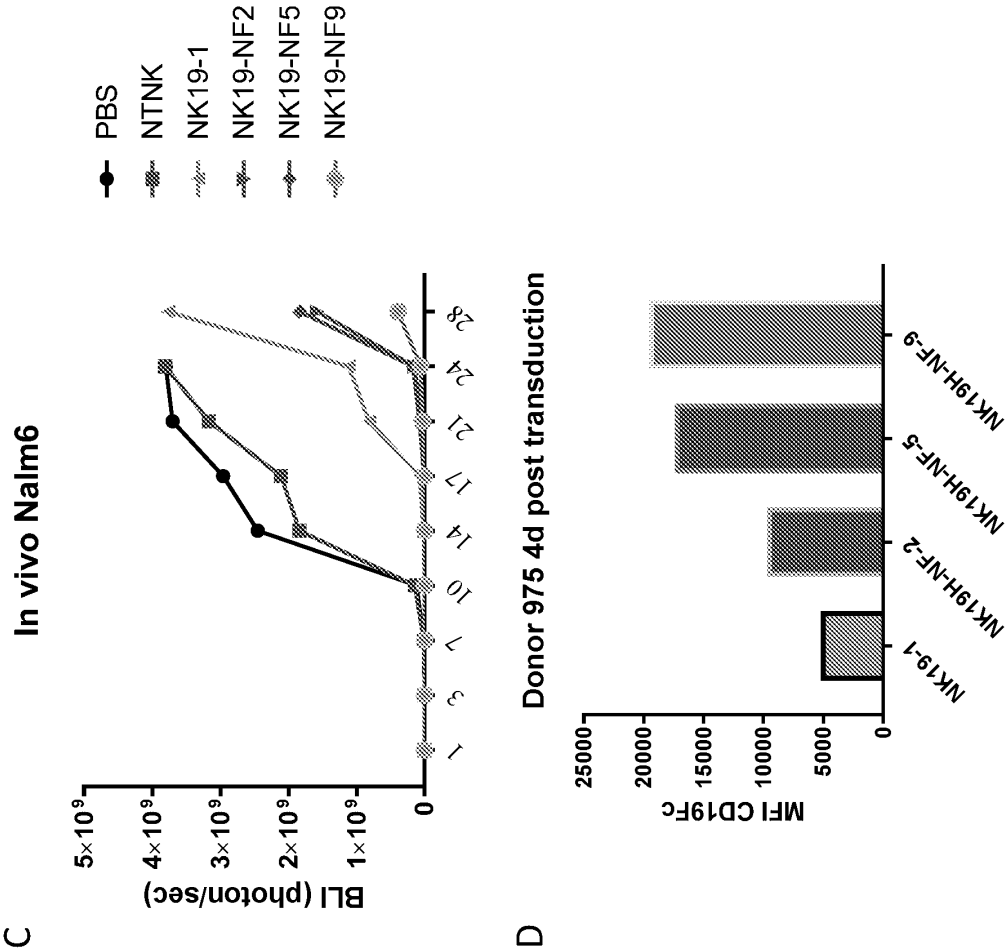


Figure 36A-36B

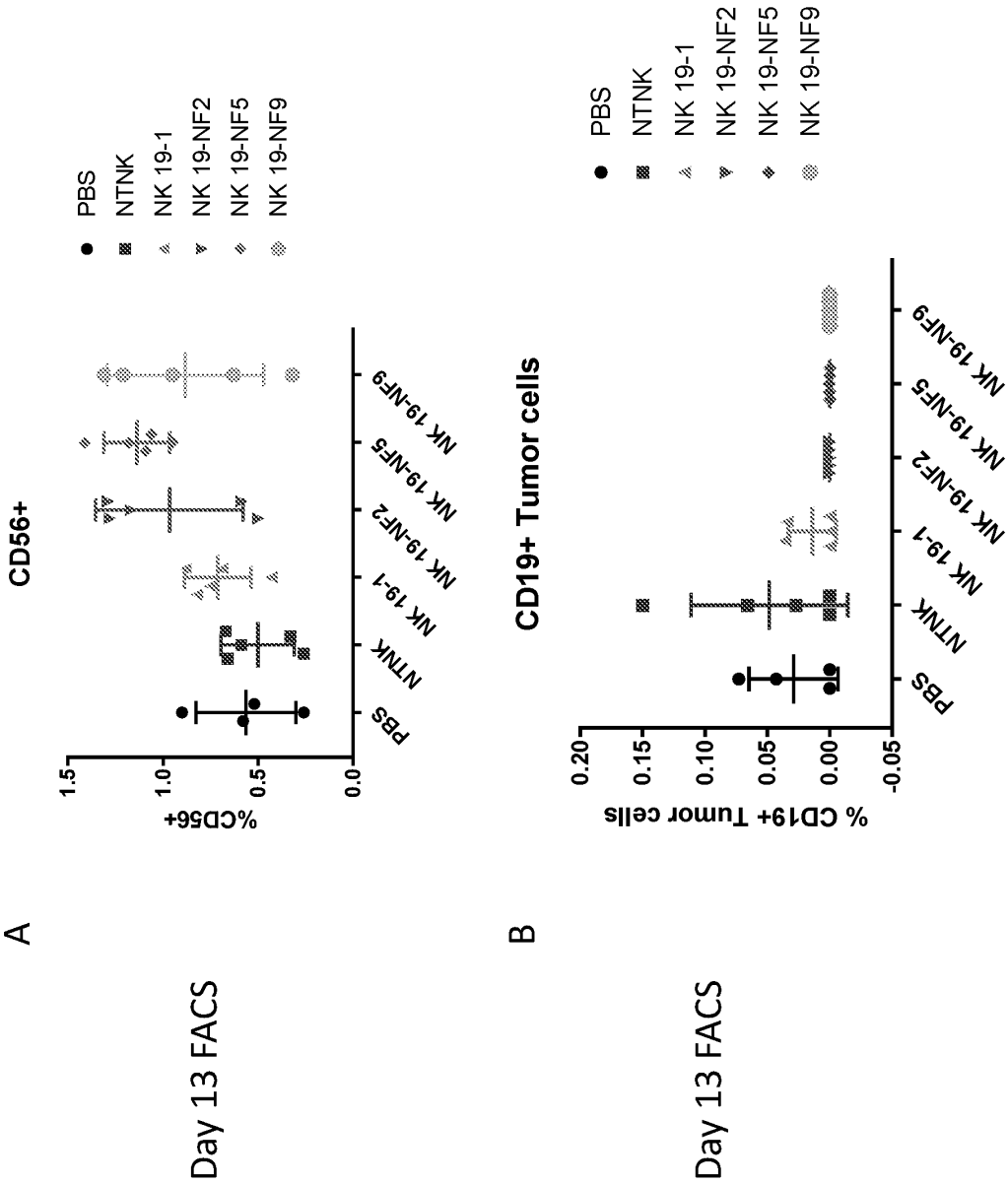


Figure 36C-36D

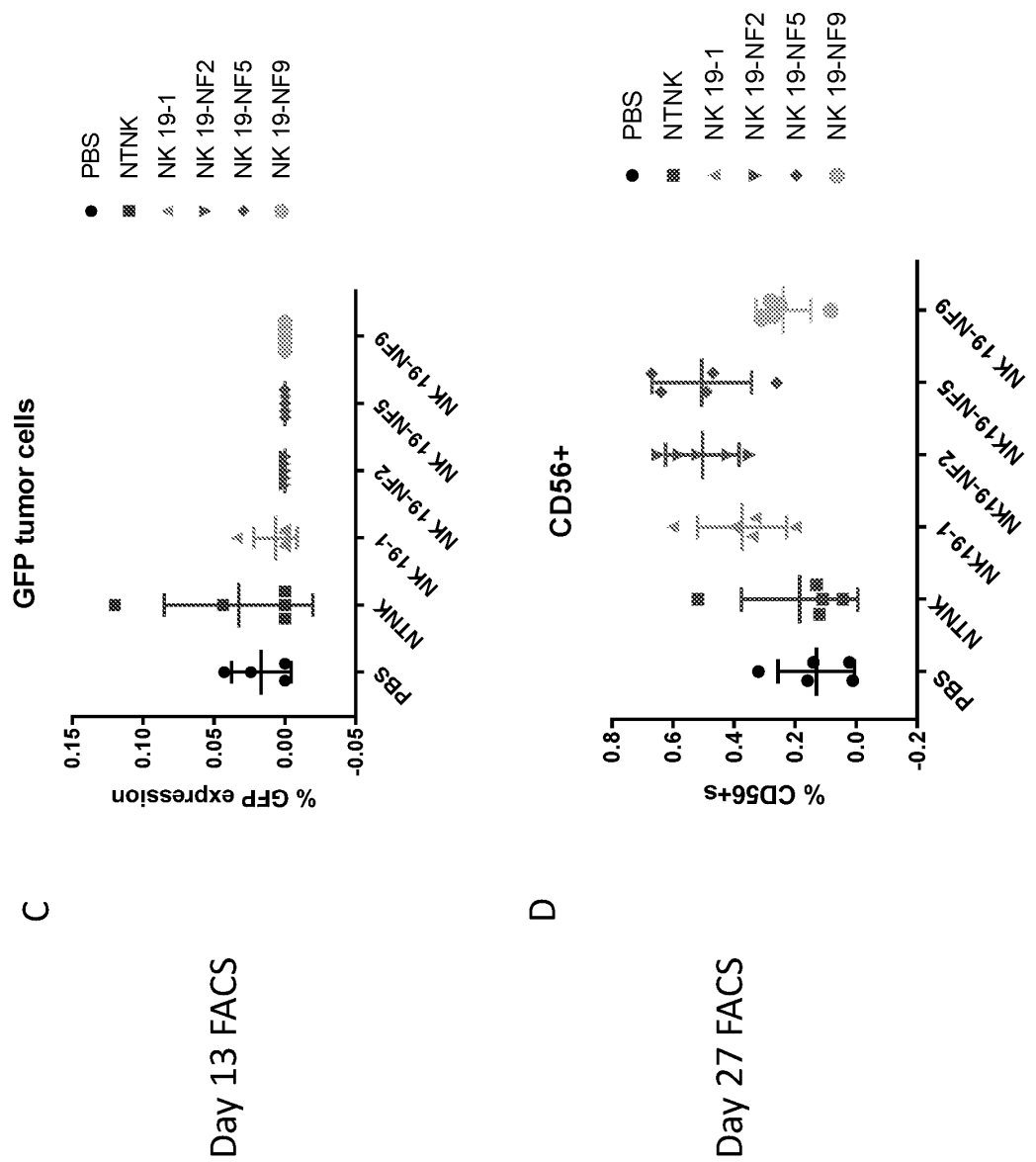
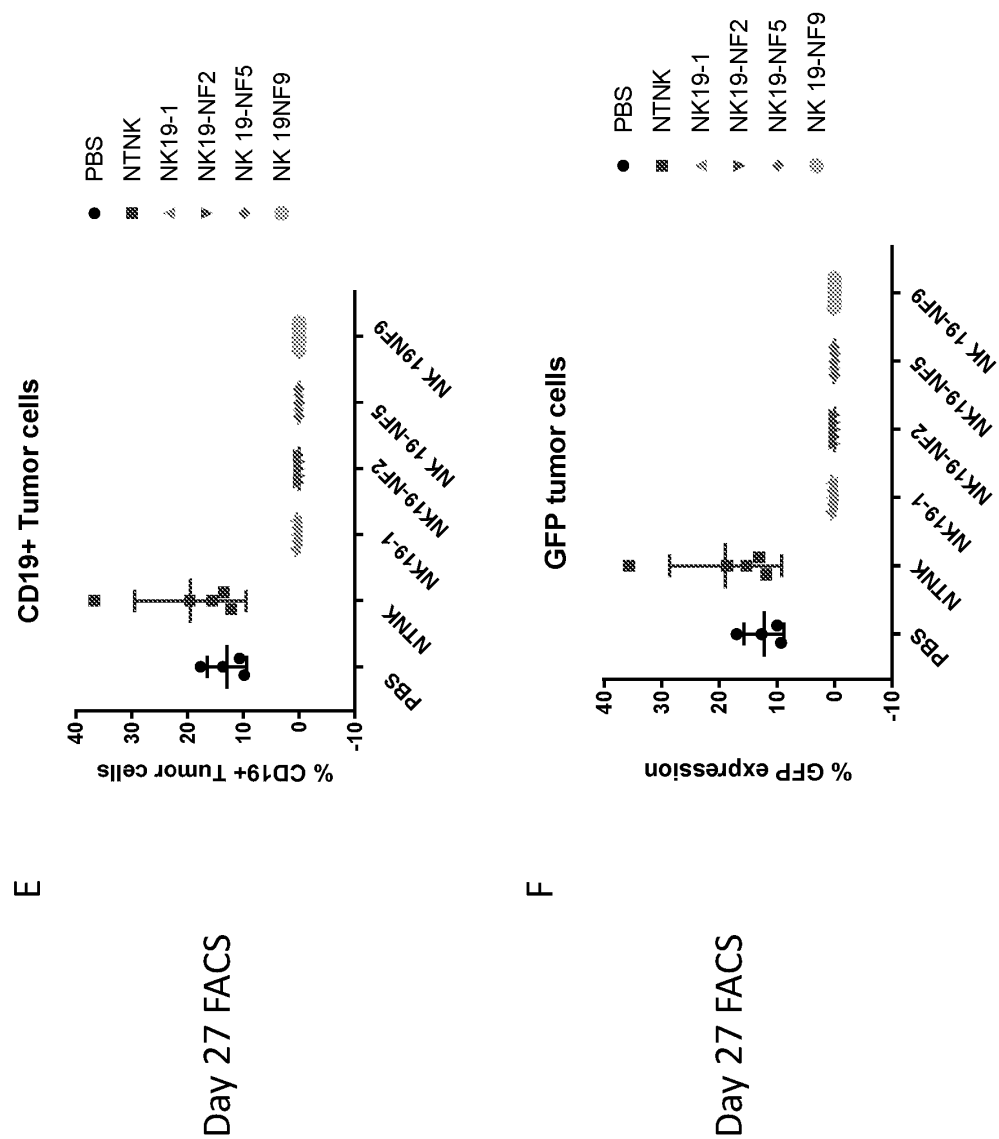
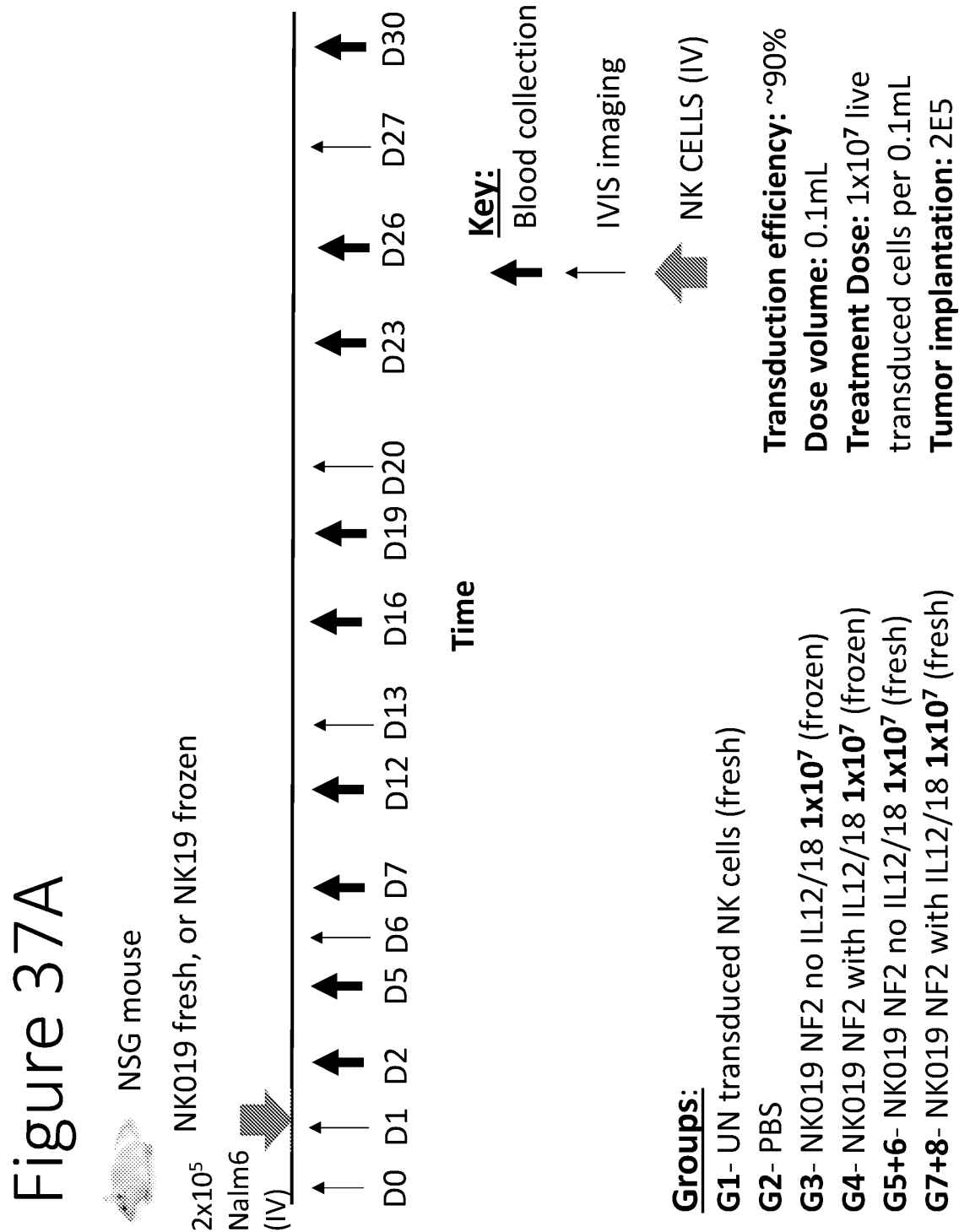
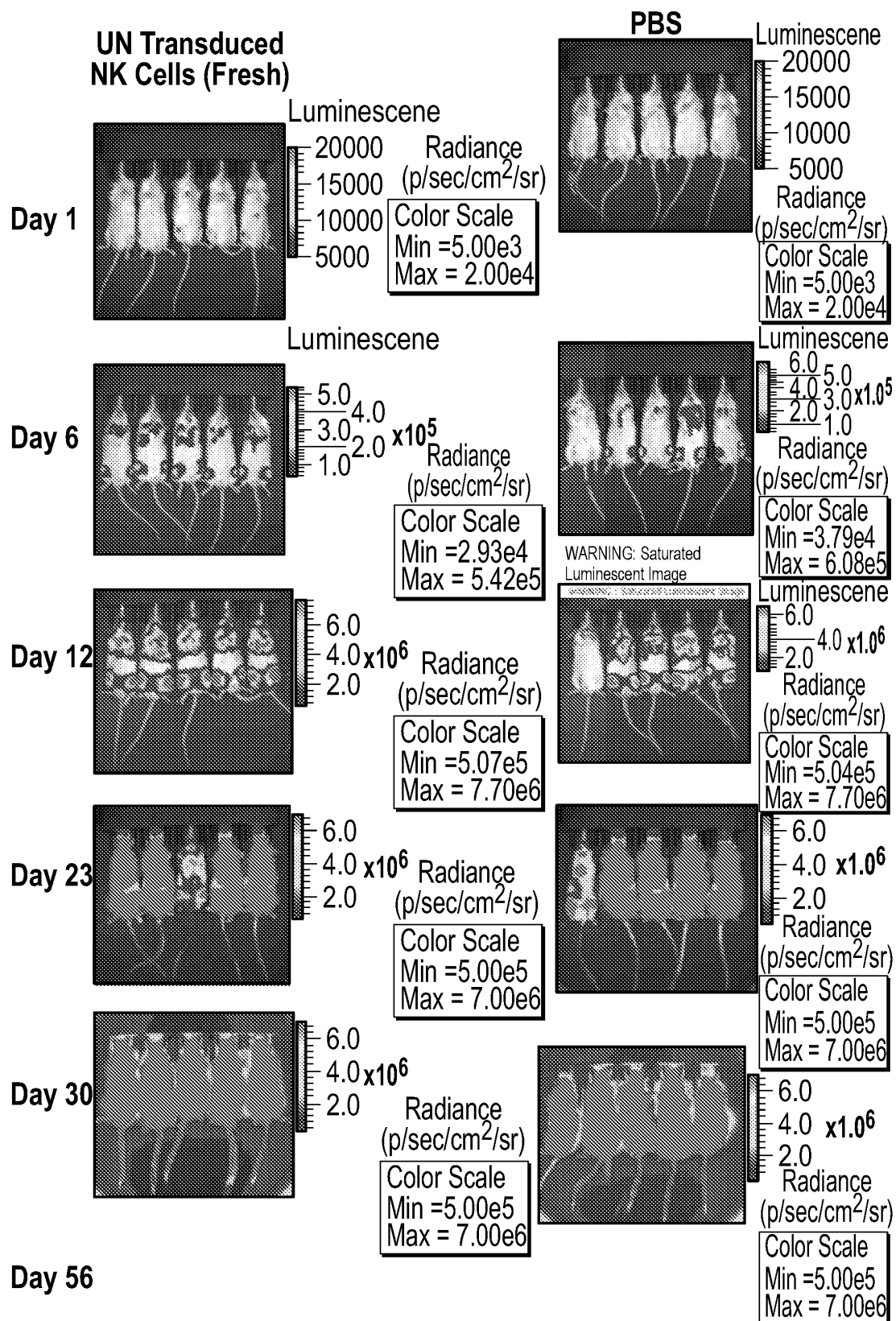


Figure 36E-36F







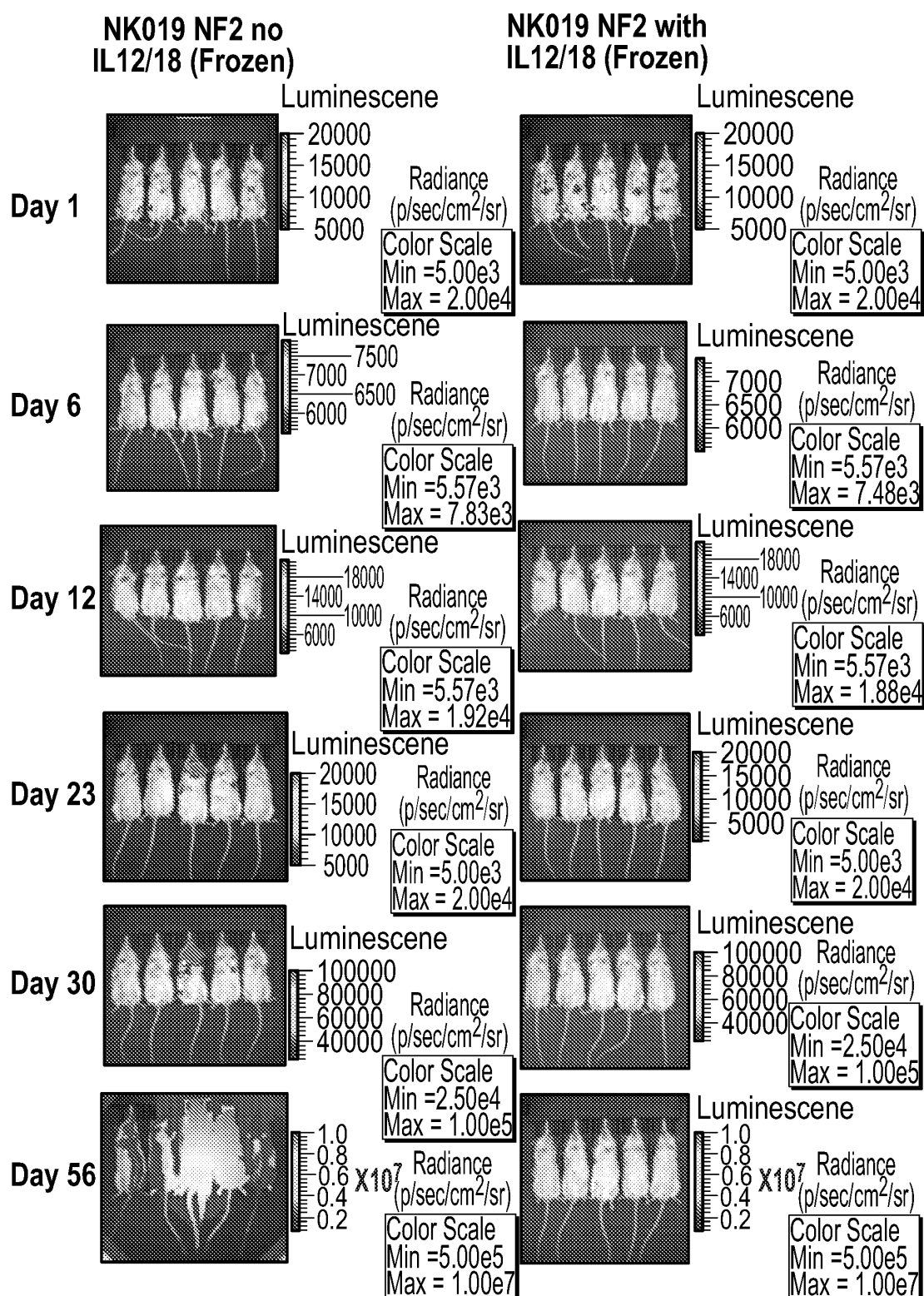


FIG. 37B
(Continued)

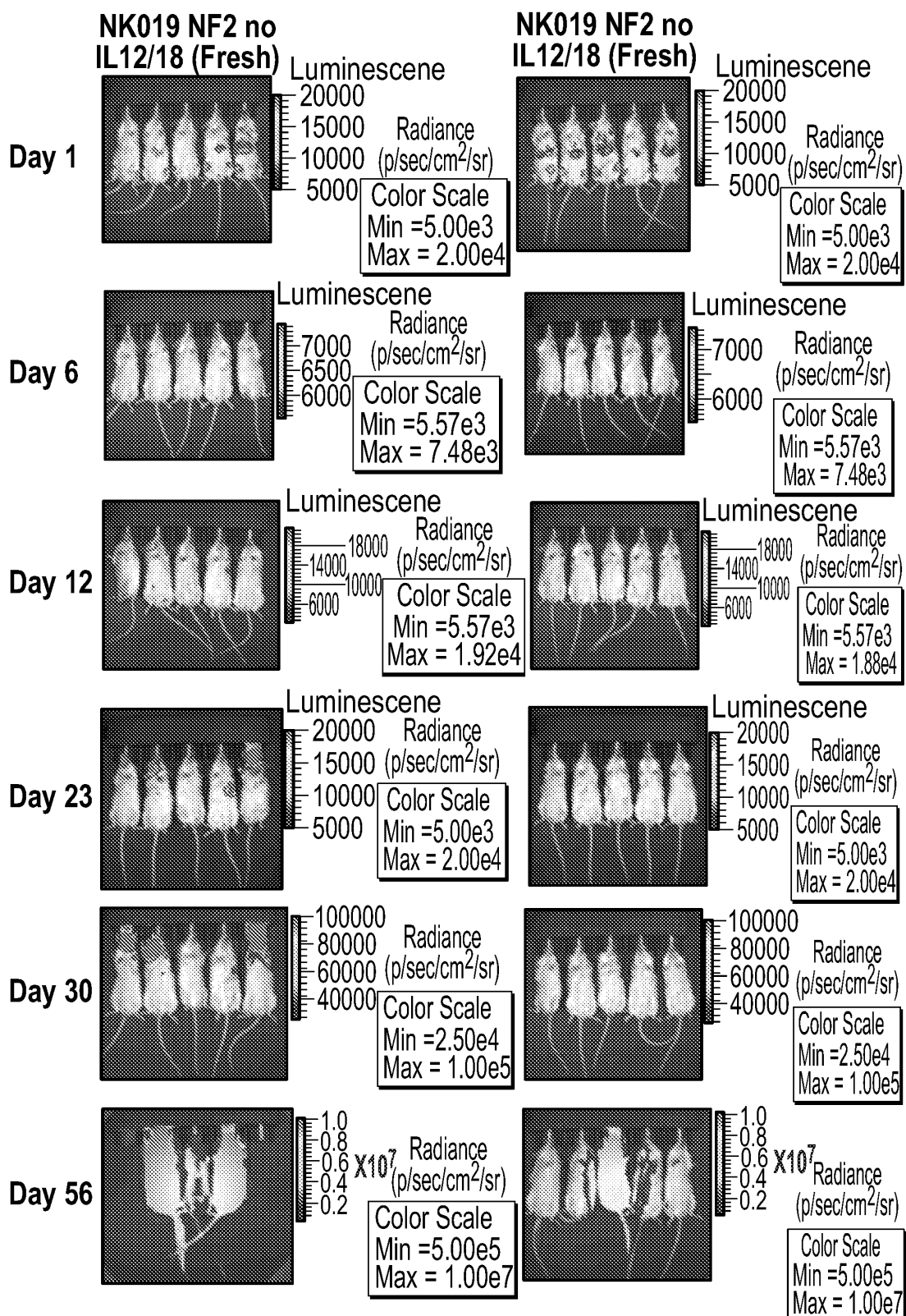


FIG. 37B
(Continued)

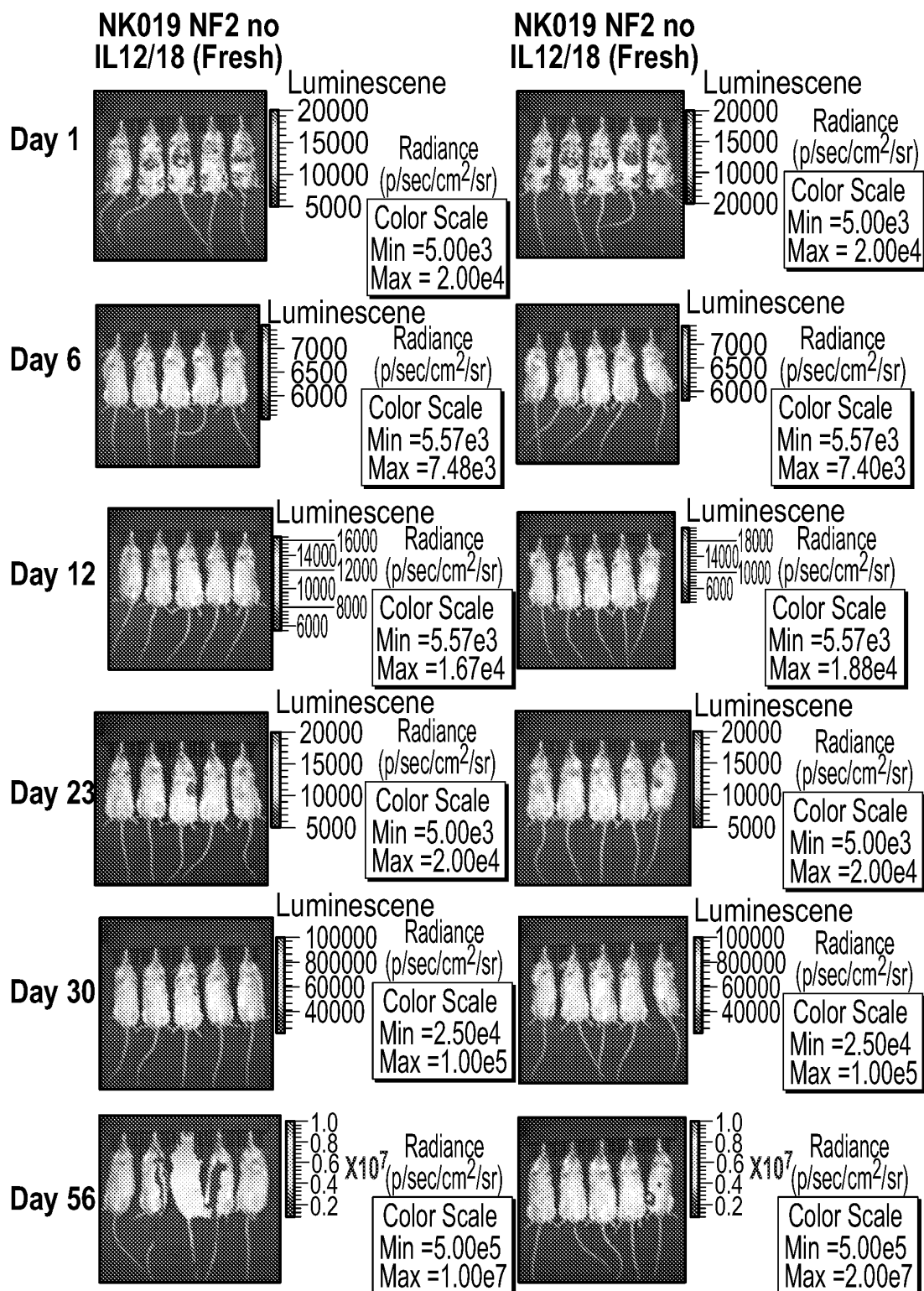
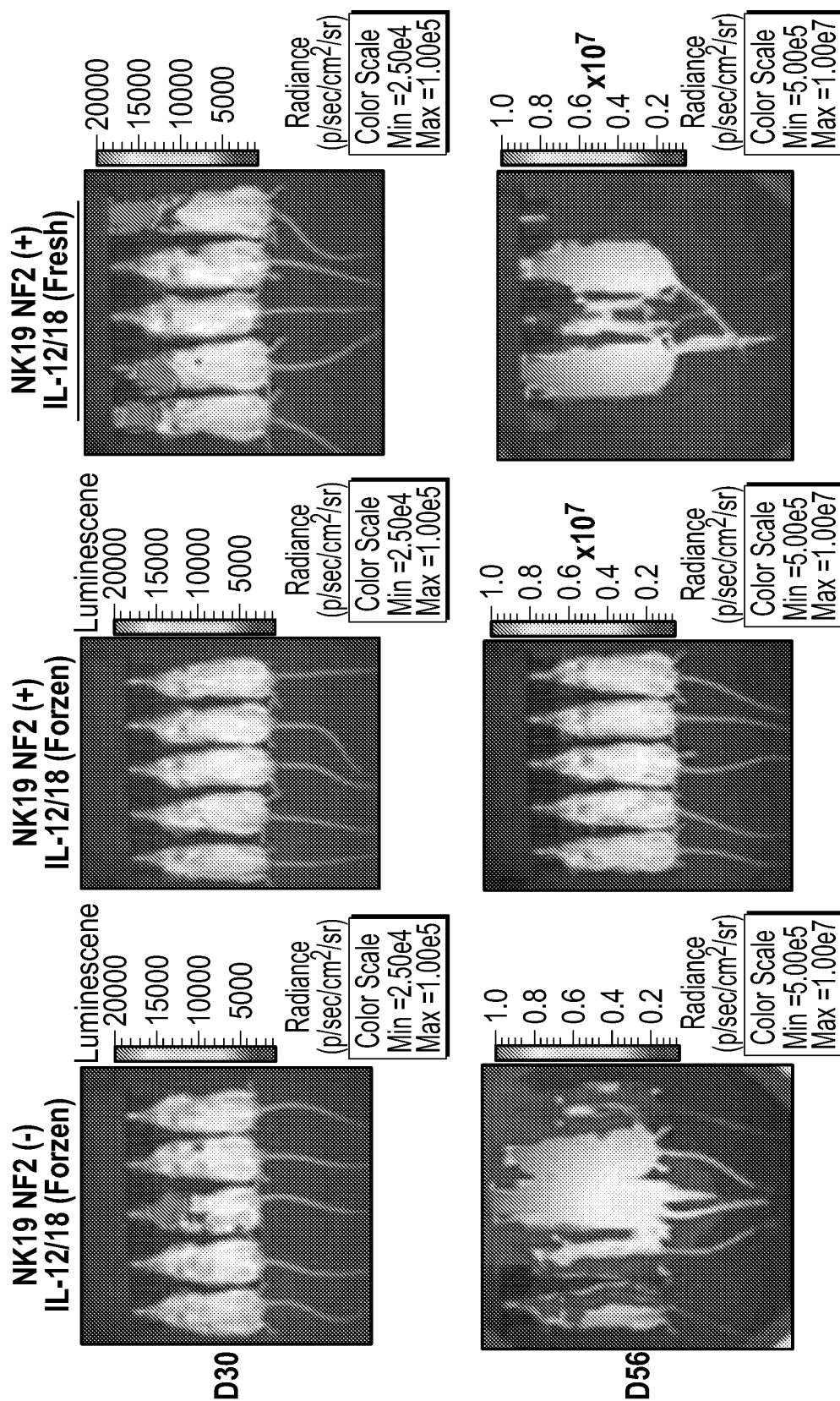
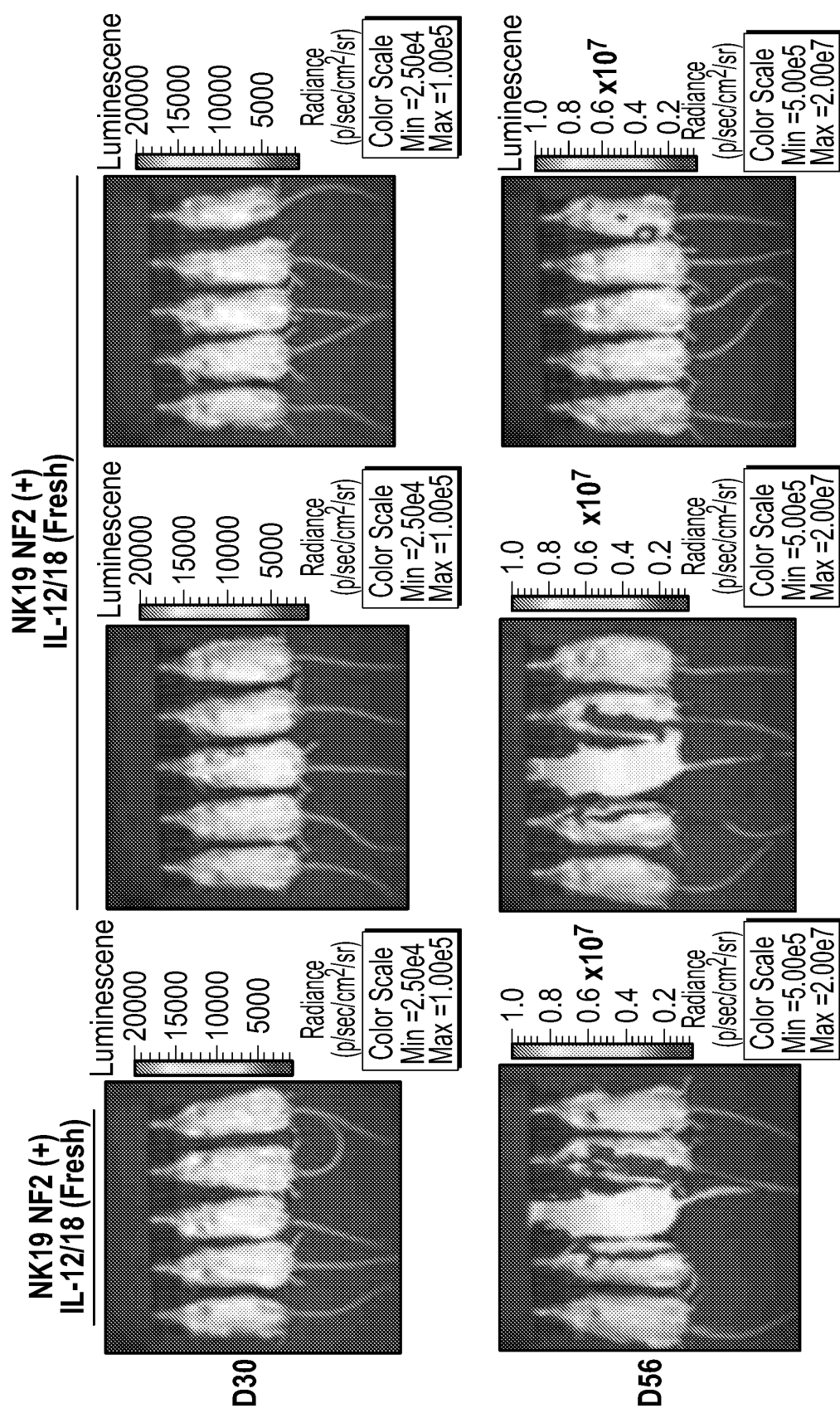


FIG. 37B
(Continued)

SUBSTITUTE SHEET (RULE 26)





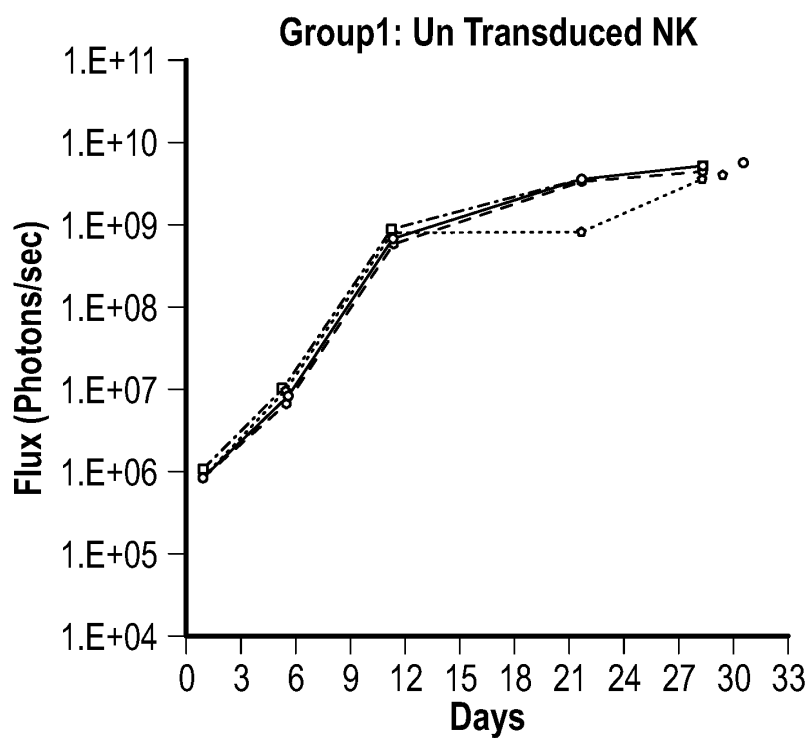


FIG. 38A

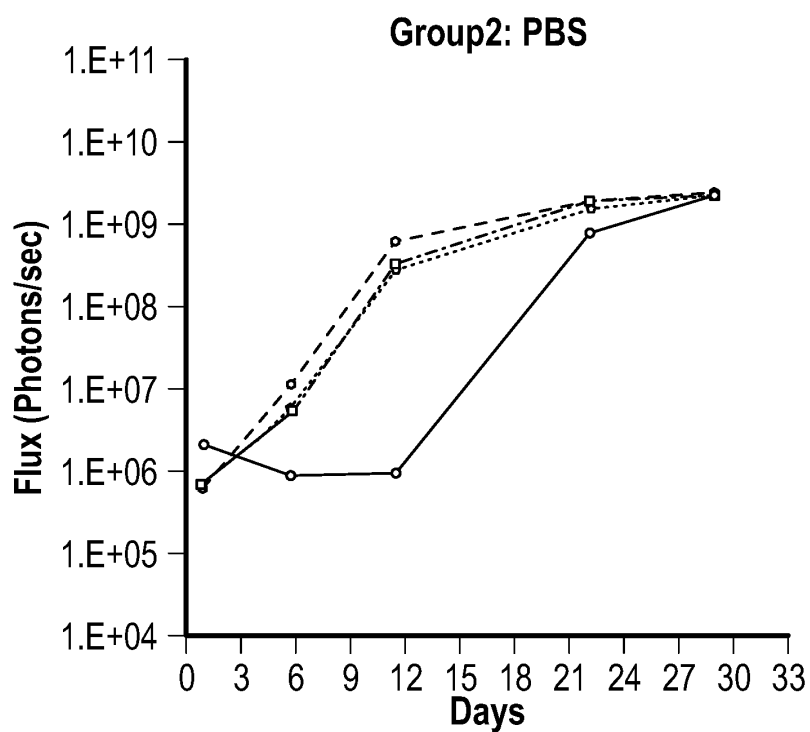
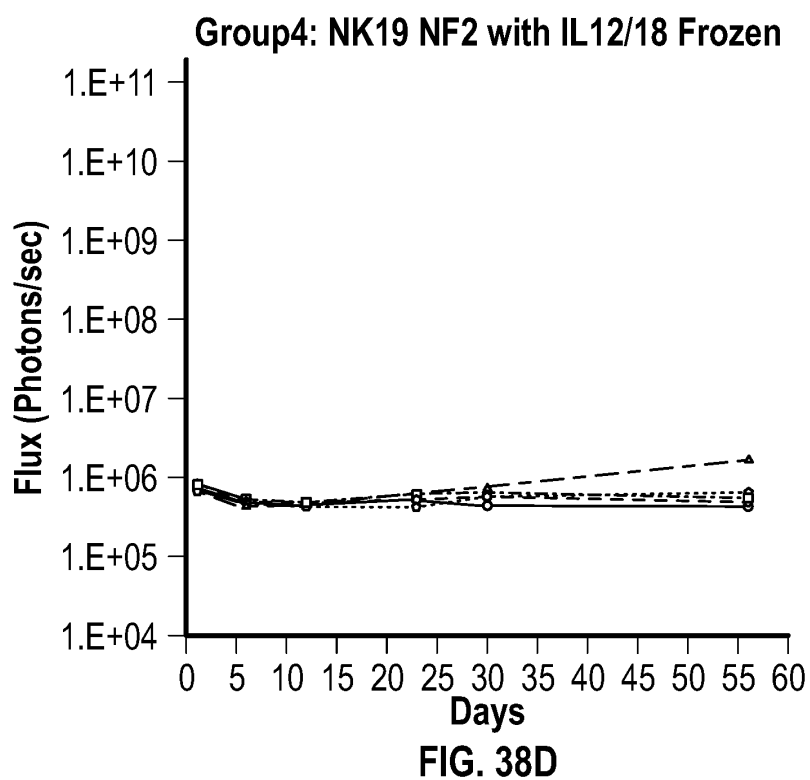
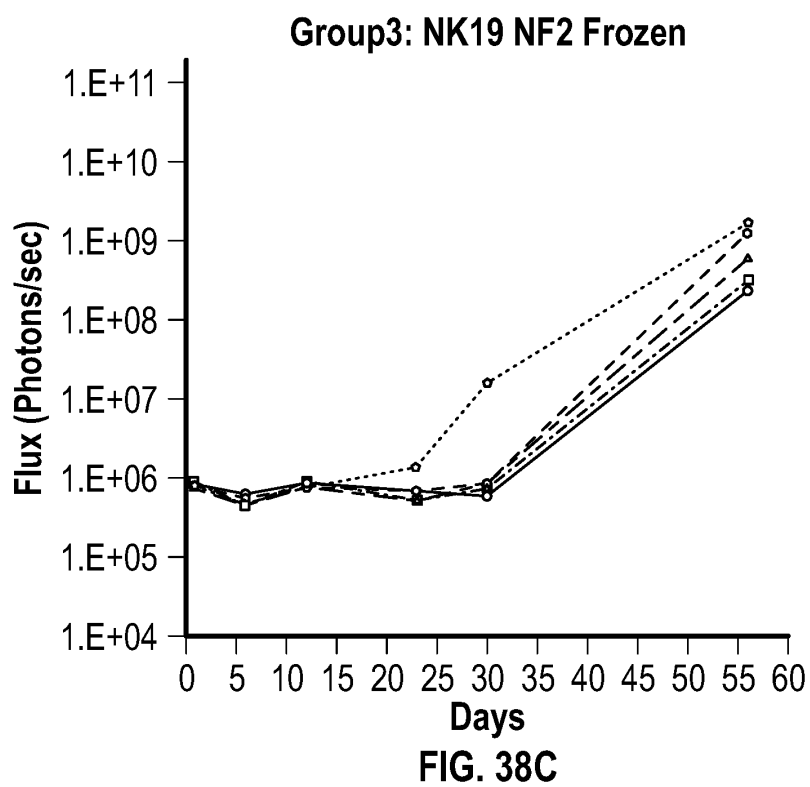
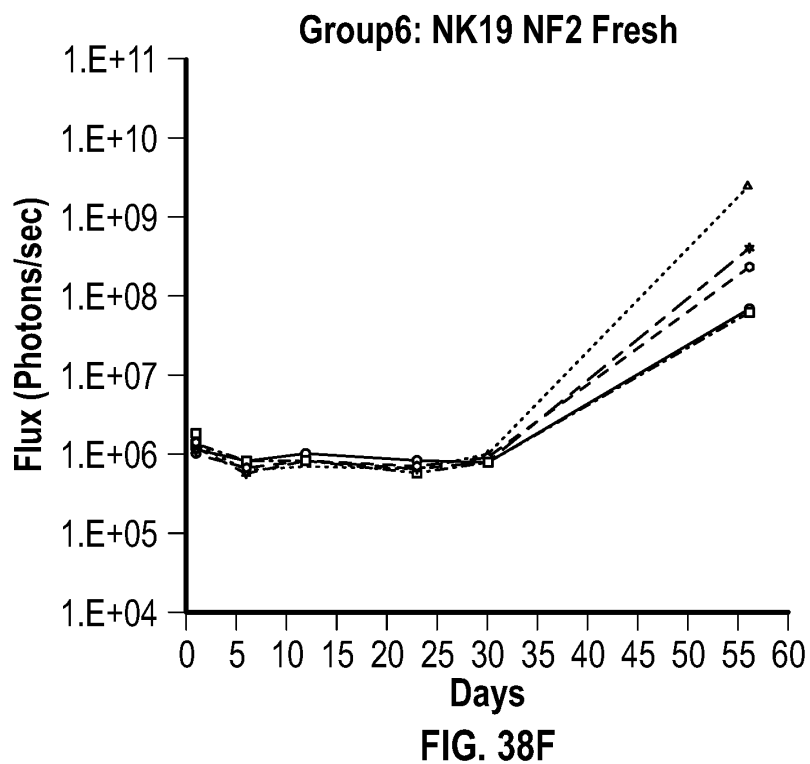
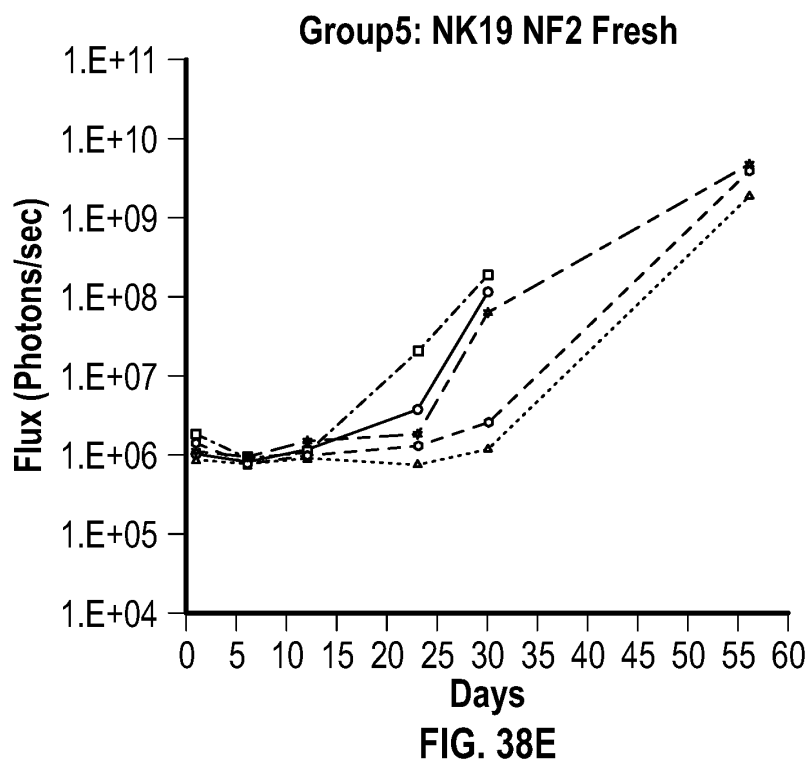


FIG. 38B





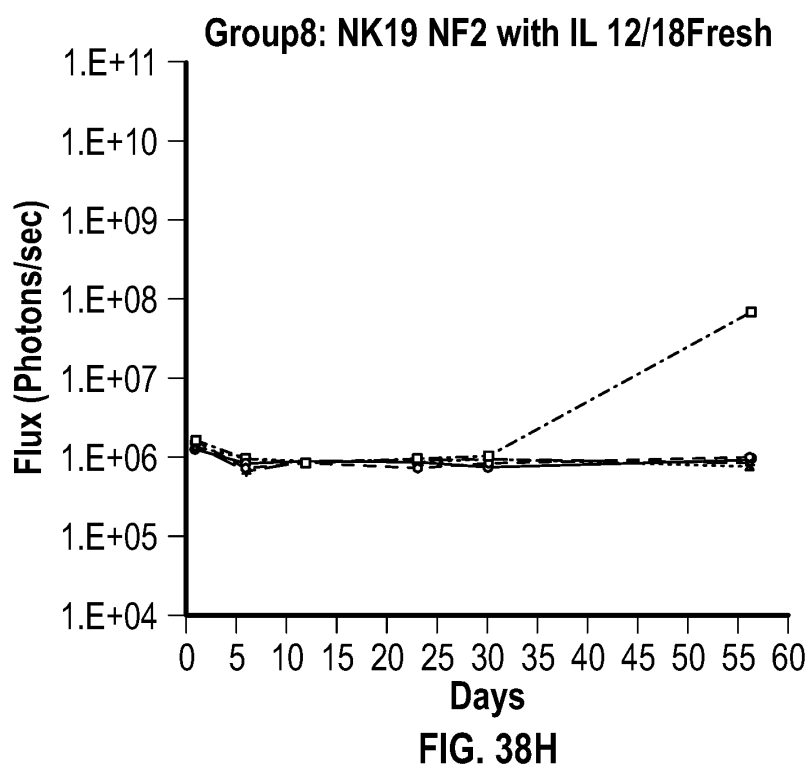
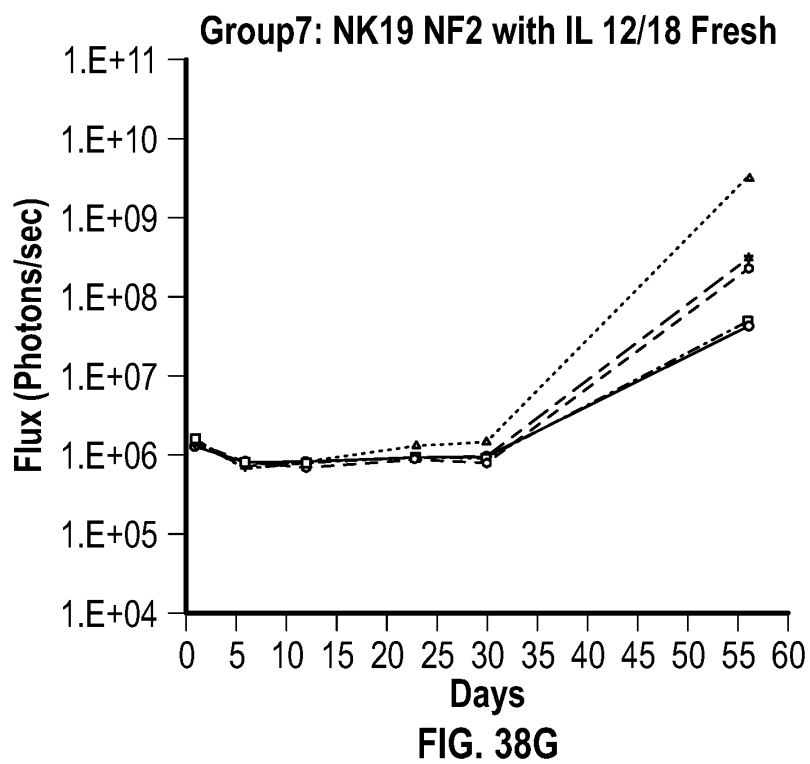


Figure 38I

Longitudinal Imaging Results for NK19 IL12/18
Fresh vs Frozen Days 1-30

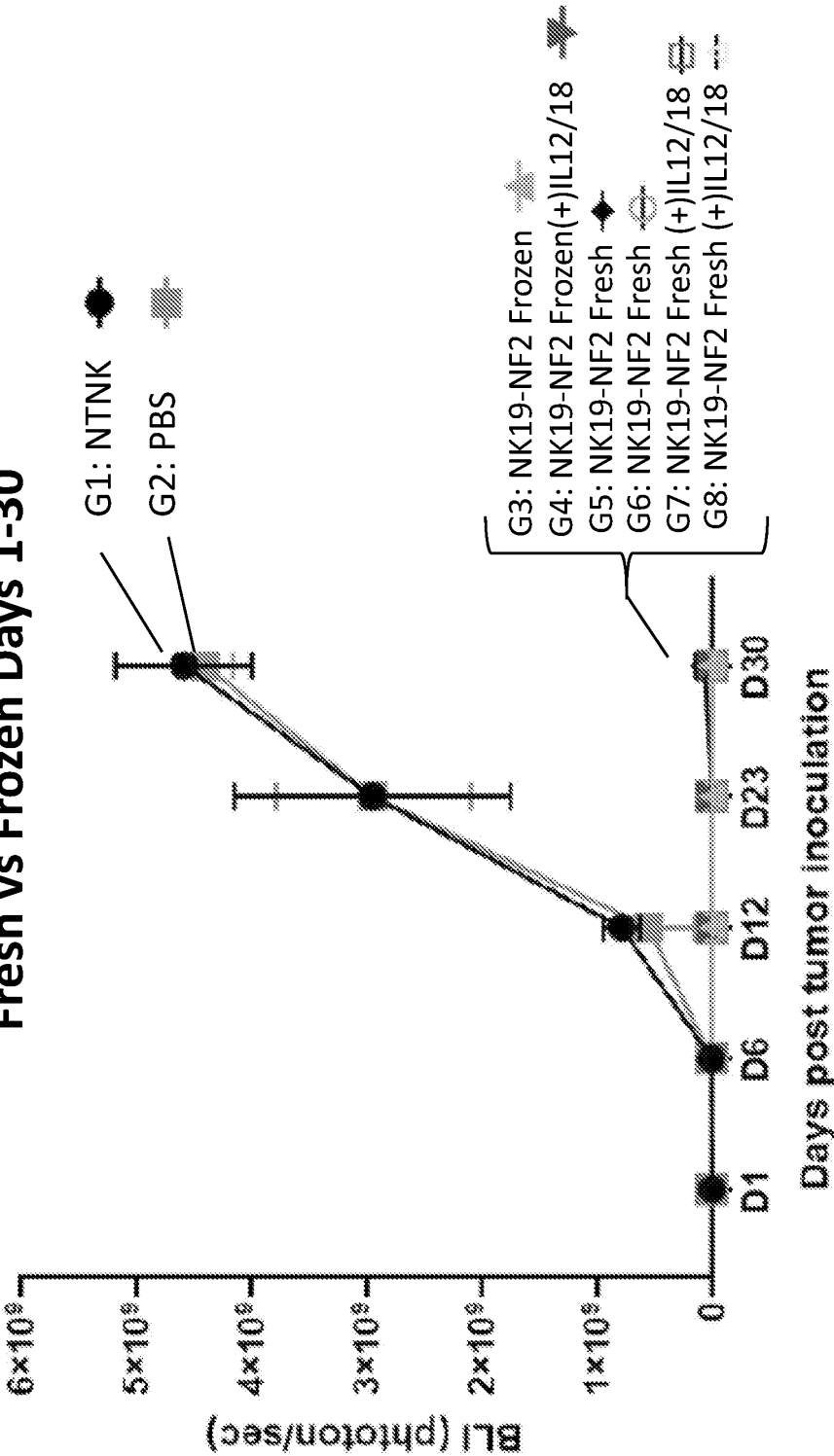


Figure 38J
Longitudinal Imaging Results for NK19 IL12/18 Fresh
vs Frozen Days 1-56

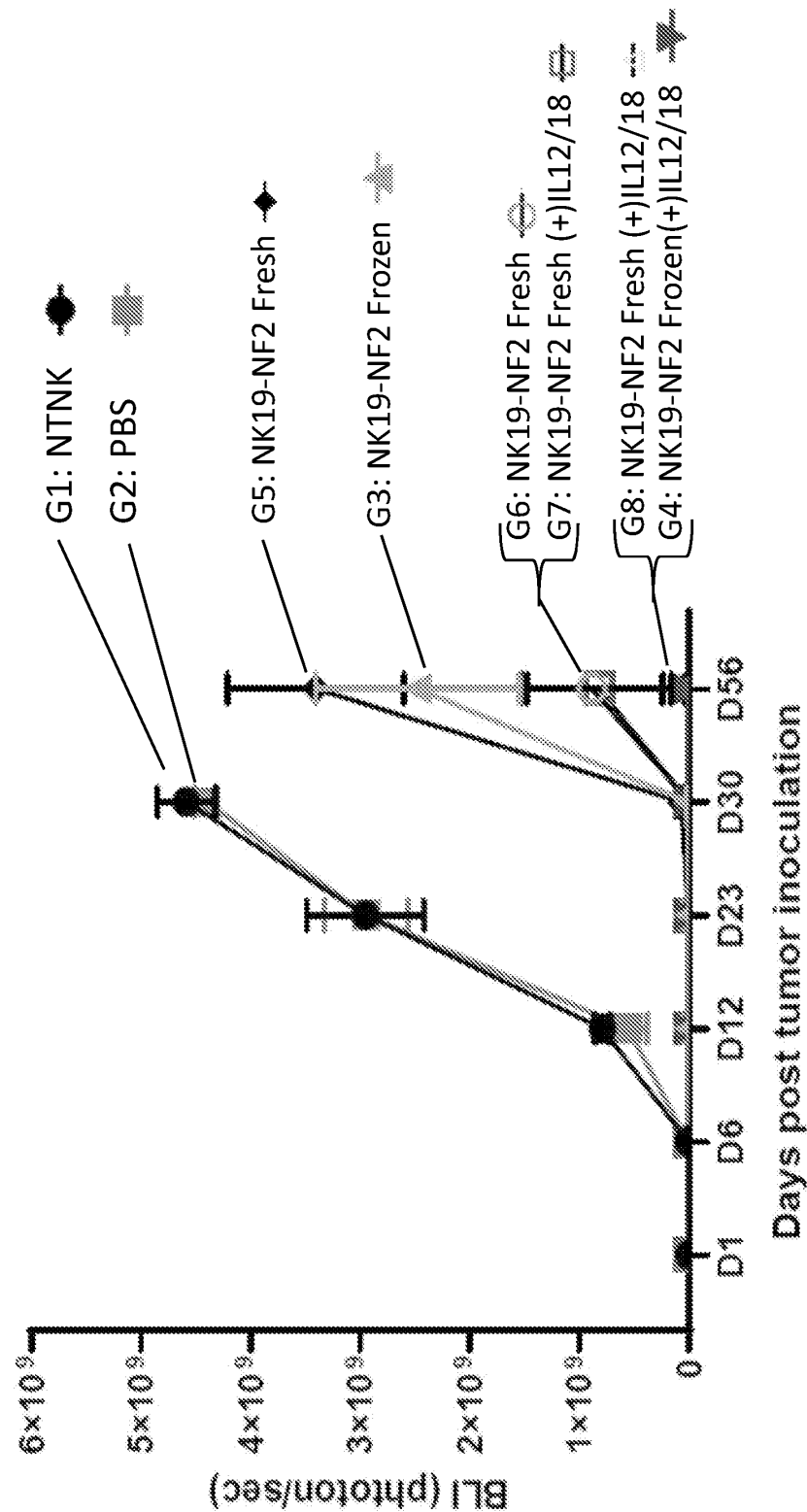


Figure 39

