

FIG. 1A

Internal ID		CDR1	CDR2	CDR3
312557	SEQ ID NO:1	GFTFDDYA	ISWNSGSI	AKDSRGYGDYRLGGAY
308261	SEQ ID NO:2	GFTFDDYA	ISWNSGSI	AKDSRGYGDYRLGGAY
308159	SEQ ID NO:3	GFTFDDYA	ISWNSGSI	AKDSRGYGDYSRGGAY
308160	SEQ ID NO:4	GFTFDDYA	ISWNSGSI	AKDSRGYGDYSLGGAY
308256	SEQ ID NO:5	GFTFDDYA	ISWNSGSI	AKDSRGYGDYSLGGAY
312585	SEQ ID NO:6	GFTFANYA	ISWNSGSI	AKDSRGYGDYSRGGAY
312614	SEQ ID NO:7	GFTFNNYA	ISWNSGSI	AKDSRGYGDYSRGGAY
312583	SEQ ID NO:8	GFTFADYA	ISWNSGSI	AKDSRGYGDYSRGGAY
312586	SEQ ID NO:9	GFTFDNYA	ISWNSGSI	AKDSRGYGDYSRGGAY
312624	SEQ ID NO:10	GFTFDNYA	ISWNSGSI	AKDSRGYGDYSRGGAY
312578	SEQ ID NO:11	GFTFDDYA	ISWNSGSI	AKDSRGYGDYSRGGAY
312620	SEQ ID NO:12	GFTFDDYA	ISWNSGSI	AKDSRGYGSYSRGGAY
312634	SEQ ID NO:13	GFTFHNIA	ISWNSGSI	AKDSRGYGDYSLGGAY
312579	SEQ ID NO:14	GFTFDDYA	ISWNSGSI	AKDSRGYGDYSRGGAY
312630	SEQ ID NO:15	GFTFDNYA	ISWNSGSI	AKDSRGYGDYSLGGAY
312570	SEQ ID NO:16	GFTFDDYA	ISWNSGSI	AKDSRGYGDYRLGGAY
312567	SEQ ID NO:17	GFTFDDYA	ISWNSGSI	AKDSRGYGDYRLGGAY
312558	SEQ ID NO:18	GFTFDDYA	ISWNSGSI	AKDSRGYGDYRLGGAY

FIG. 1B

312325	SEQ ID NO:19	QSVSSN	GAS	QQYNNWPWT
308902- bivalent	SEQ ID NO:20	GFTVSSYG	IRGSDGST	AKQGENDGPFDH
308902	SREQ ID NO:21	GFTVSSYG	IRGSDGST	AKQGENDGPFDH

FIG. 1C

304703	SEQ ID NO. 22	GGSISSGGHY	IHYSGST	ARWRHDI FAAYPYYYGMDV
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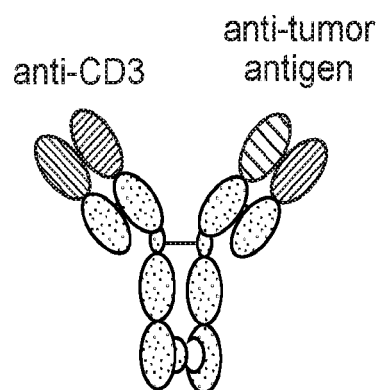


FIG. 2A

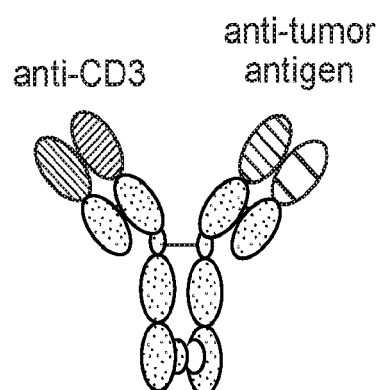


FIG. 2B

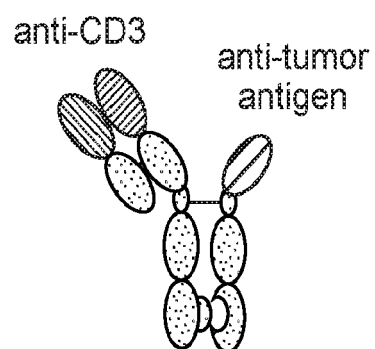


FIG. 2C

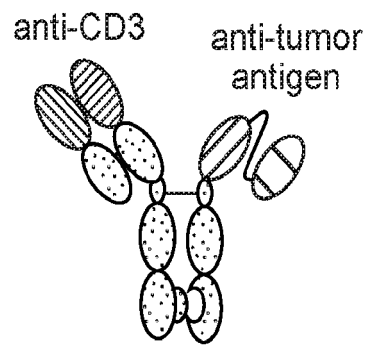


FIG. 2D

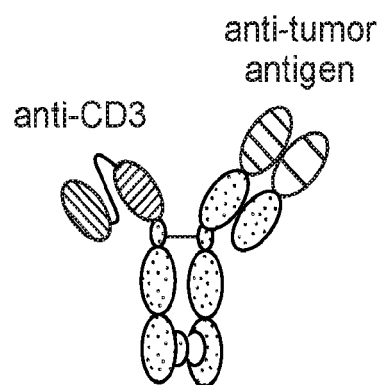
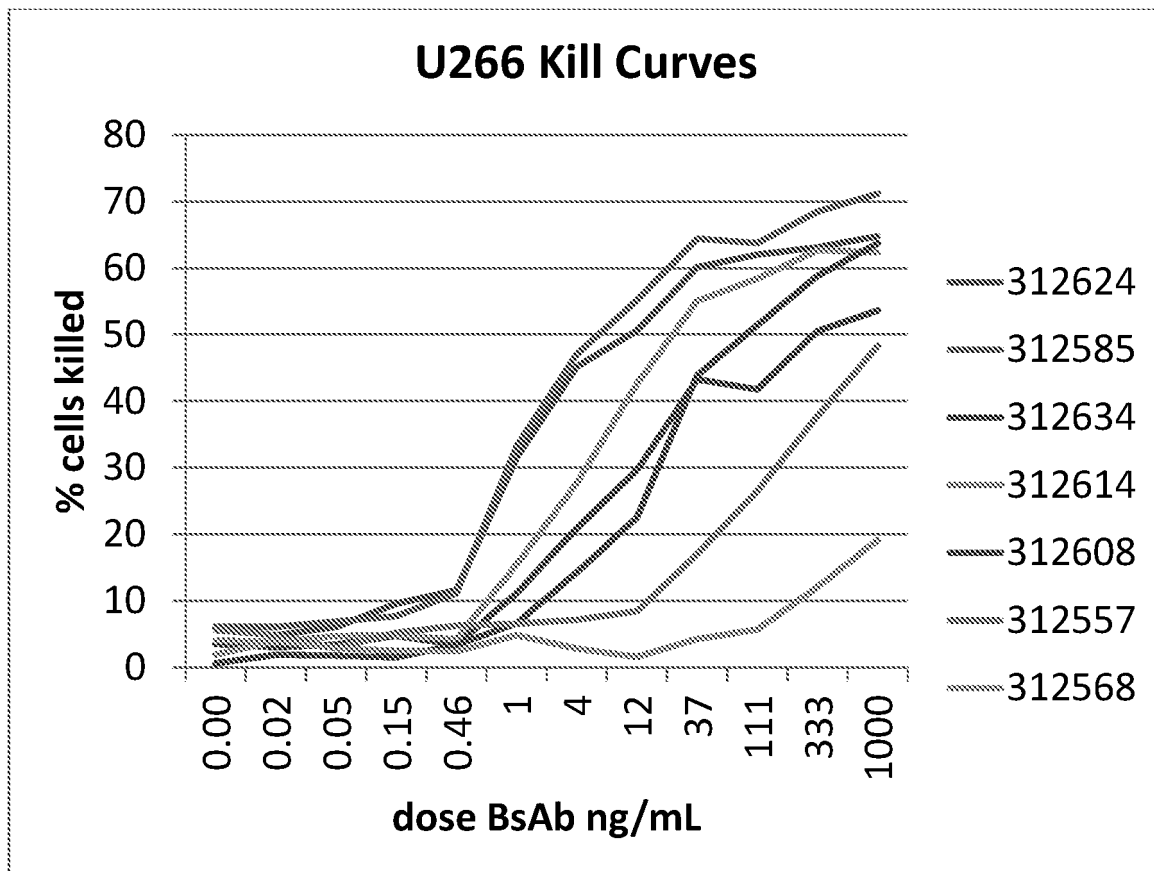


FIG. 2E

Column	1	2	3	4	5	6	7	8	9	10	11	12	13
	PARENTAL ANTI-CD3 ANTIBODY			ANTI-CD3:ANTI-BCMA BISPECIFIC ANTIBODY									
anti-CD3 ID	Jurkat cell bind (MFI)	Cyno T-cell bind (MFI)		at BsAb dose ng/mL	IL-2	IL-6	IL-10	IFNg	TNFa	kill EC50 (ng/mL)	% kill (333ng/mL)	KD (nM)	Jurkat cell bind (MFI)
312624	30.5	1.4		CD3_F2E-BCMA	130	1.0	24.1	705	1787	2.0	63	227	296
312585	32.7	0.9		CD3_F2C-BCMA	93	0.5	19.2	751	1821	2.1	68	44	513
312614	32.4	0.9		CD3_F2D-BCMA	294	1.5	89.9	1185	2387	6.1	63	86	357
312634	21.4	1.1		CD3_F2F-BCMA	44	0.5	2.4	333	485	9.8	51	714	67
312608	25.9	1.0		CD3_F2A-BCMA	96	0.5	3.3	505	1161	22.2	59	199	110
312557	6.1	1.0		CD3_F2B-BCMA	8	0.5	0.6	154	553	150.1	38	1000	31
312568	4.1	1.2		CD3_F2G-BCMA	1	0.5	0.5	49	231	352.0	12	ND	9
304703	15.9	26.2		CD3_F1A-BCMA	212	0.8	48.5	746	1844	6.4	71	98	149

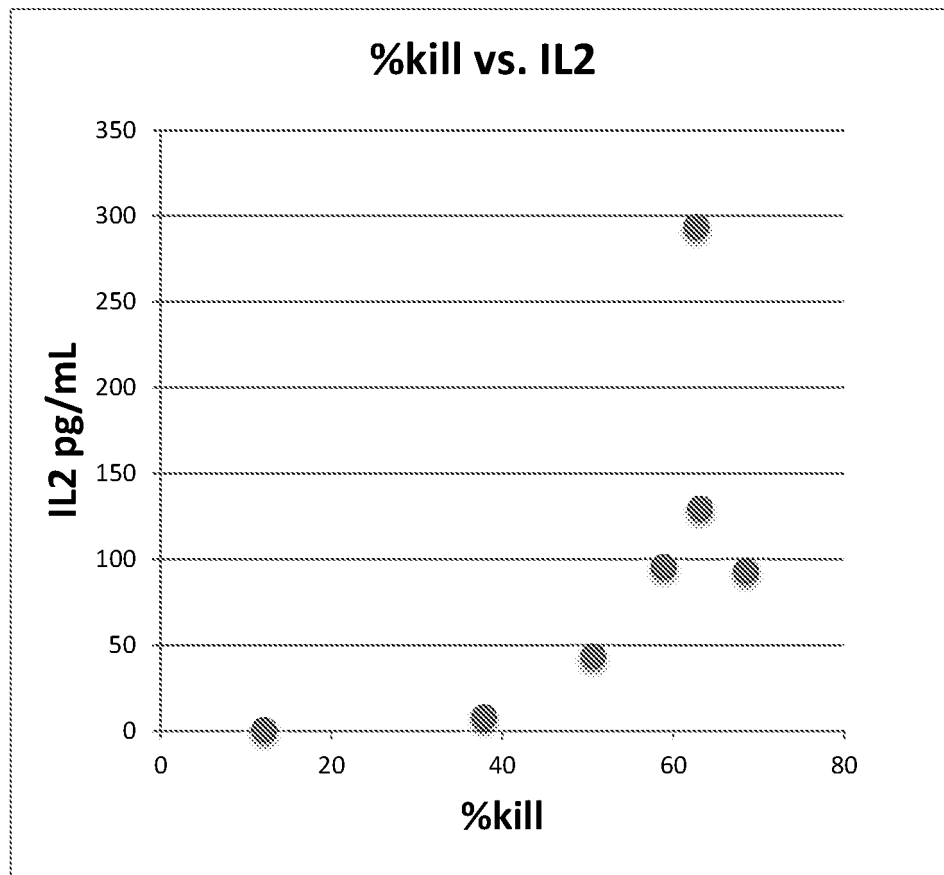
FIG. 3

FIG. 4



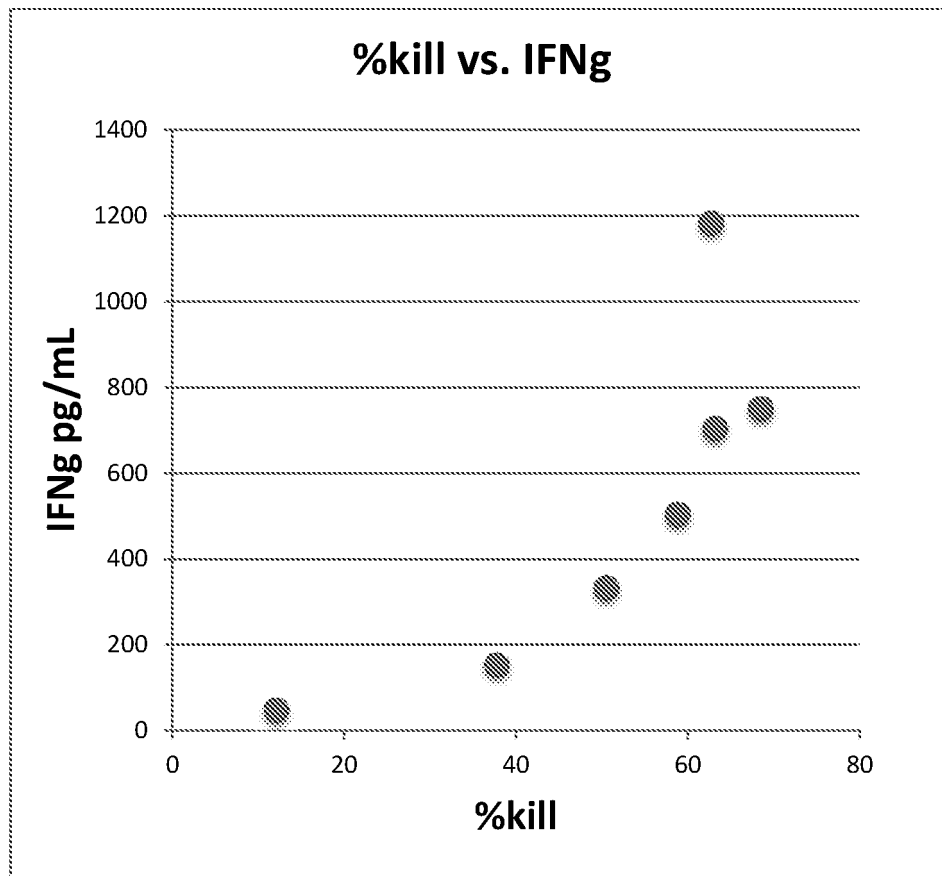
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FIG. 5



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FIG. 6



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FIG. 7

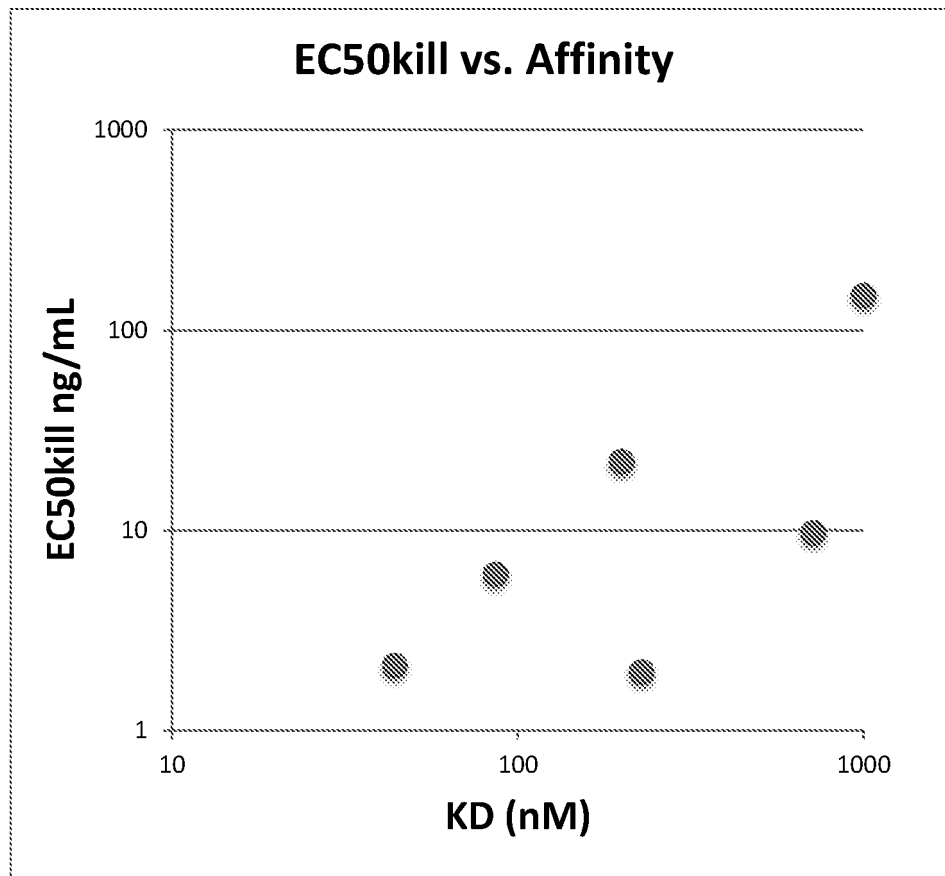


FIG. 8A

RPMI-8226

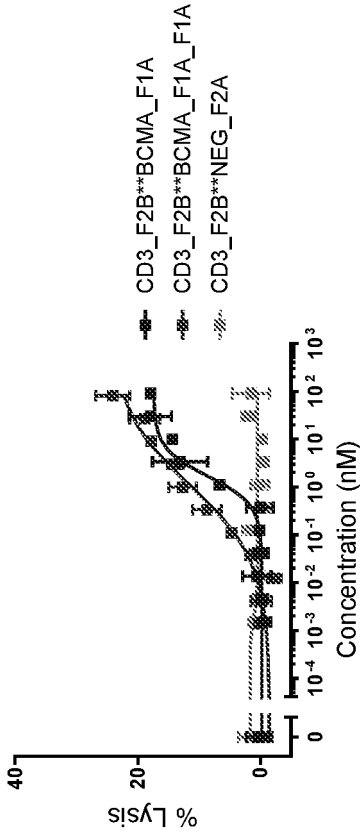


FIG. 8B

NCI-H929

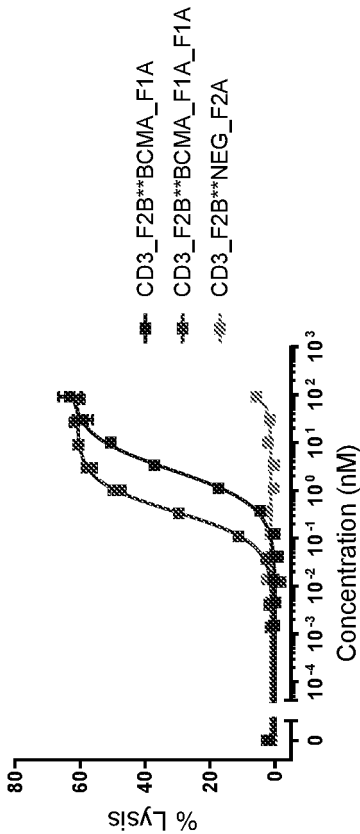


FIG. 8C

U-266

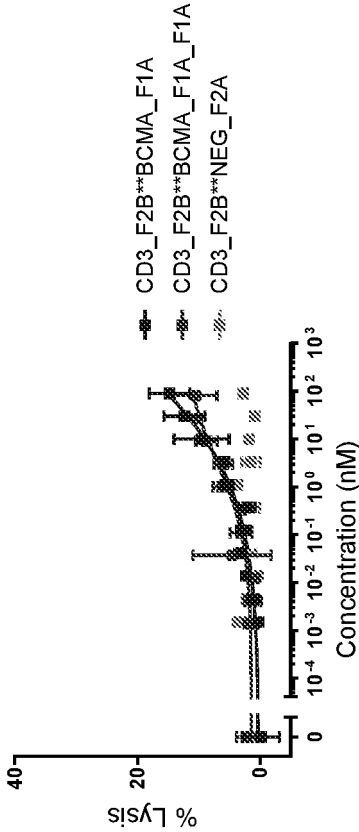


FIG. 8D

K562

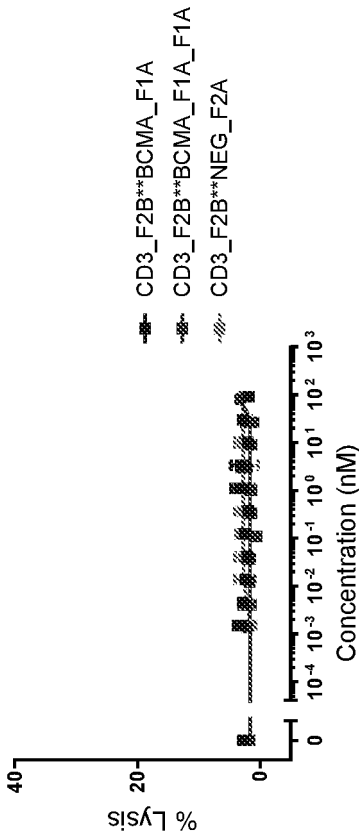


FIG. 9A

RPMI-8226

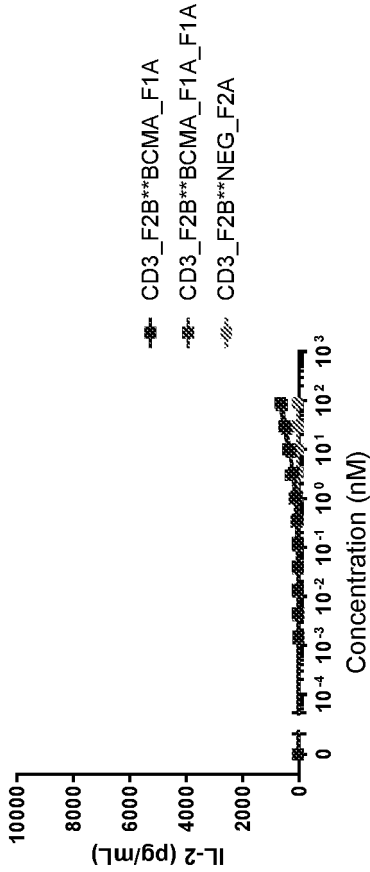


FIG. 9B
NCI-H929

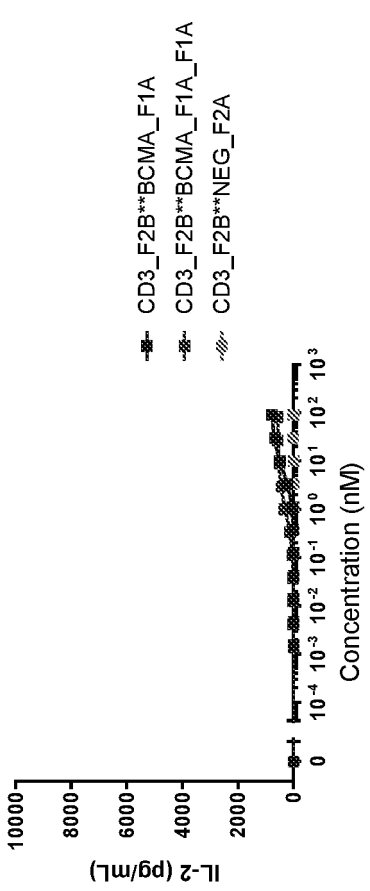


FIG. 9C

U-266

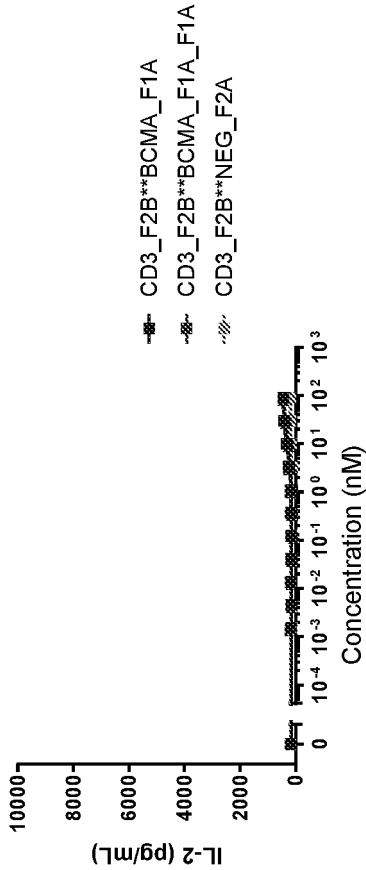


FIG. 9D
K562

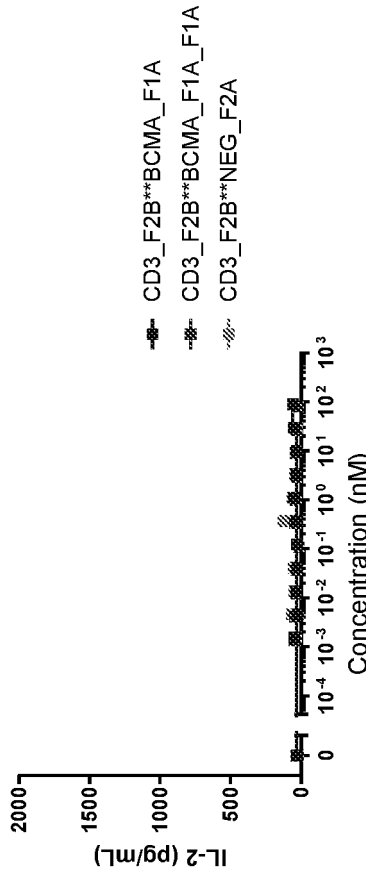


FIG. 10A

RPMI-8226

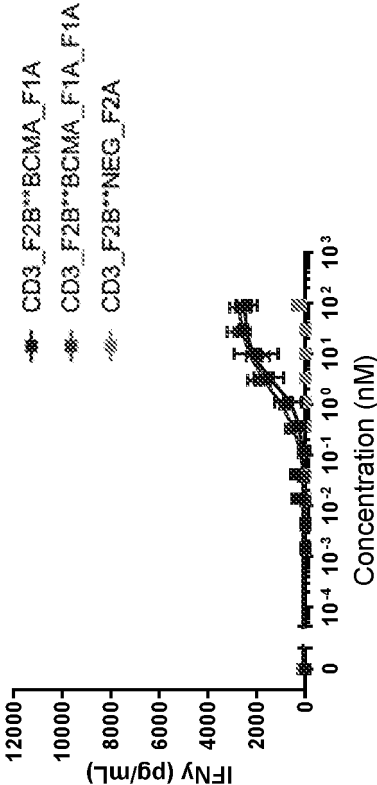


FIG. 10B

NCI-H929

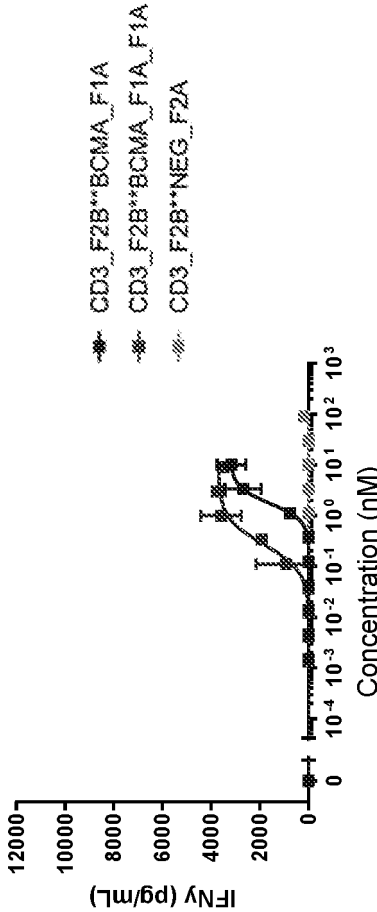


FIG. 10C

U-266

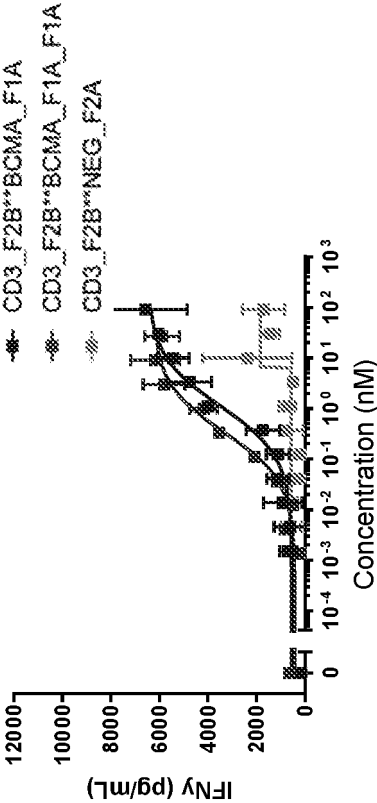


FIG. 10D

K562

