

Figure 1
1/55

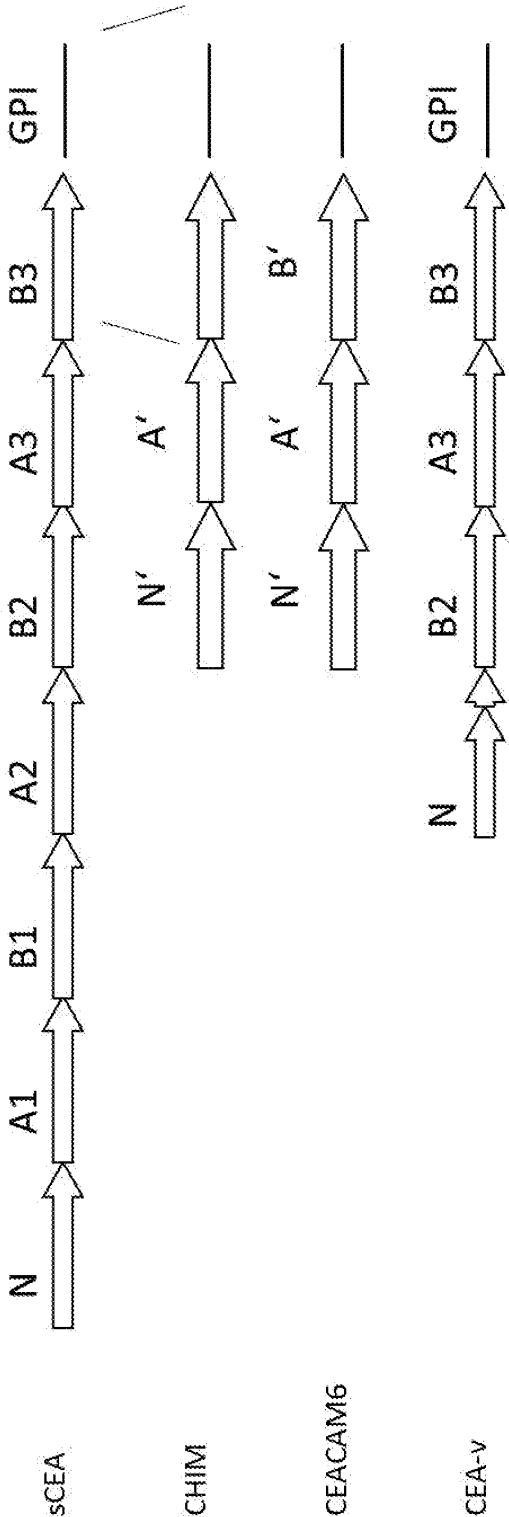


Figure 2A
2/55

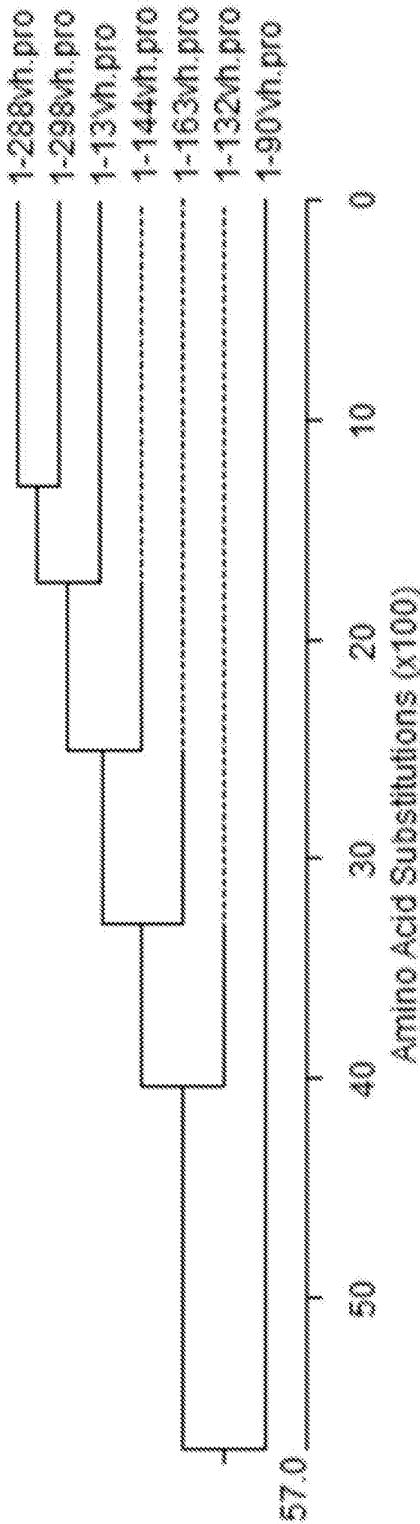


Figure 2B
3/55

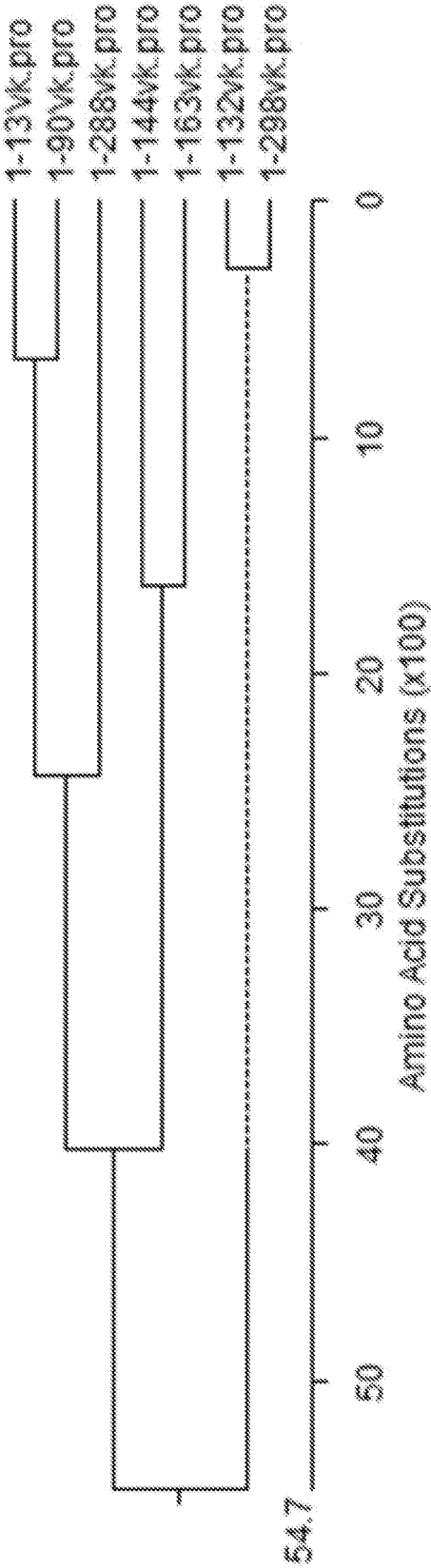


Figure 3A-3B
4/55

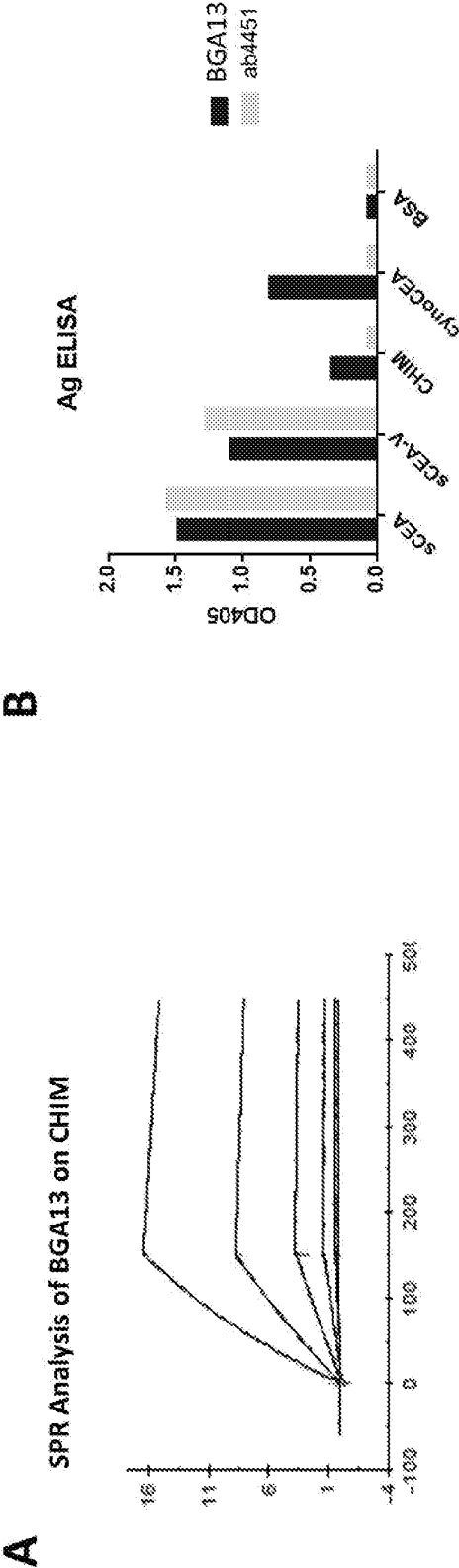


Figure 4A
5/55

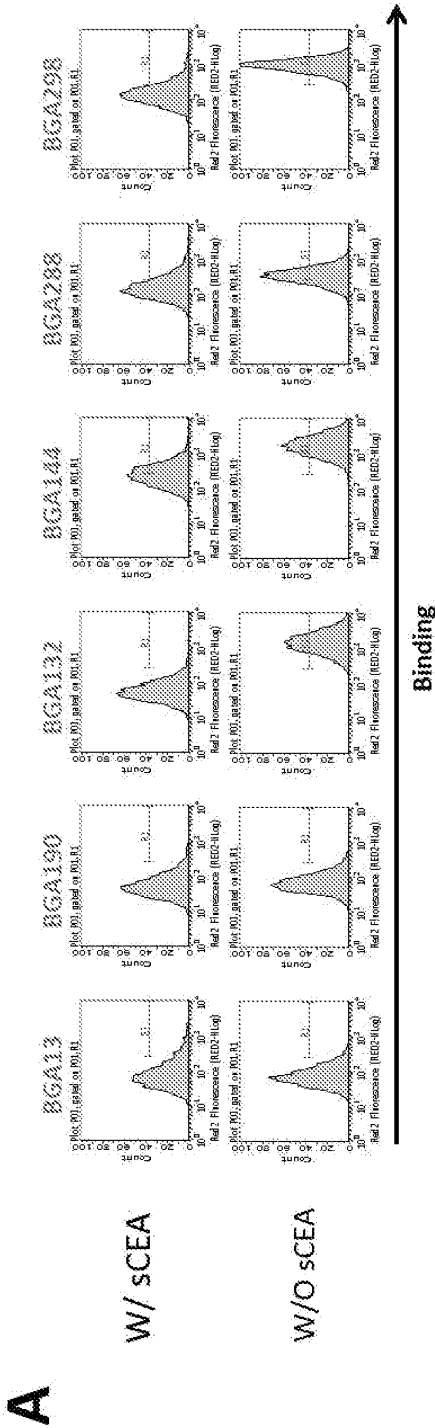


Figure 4B
6/55

B

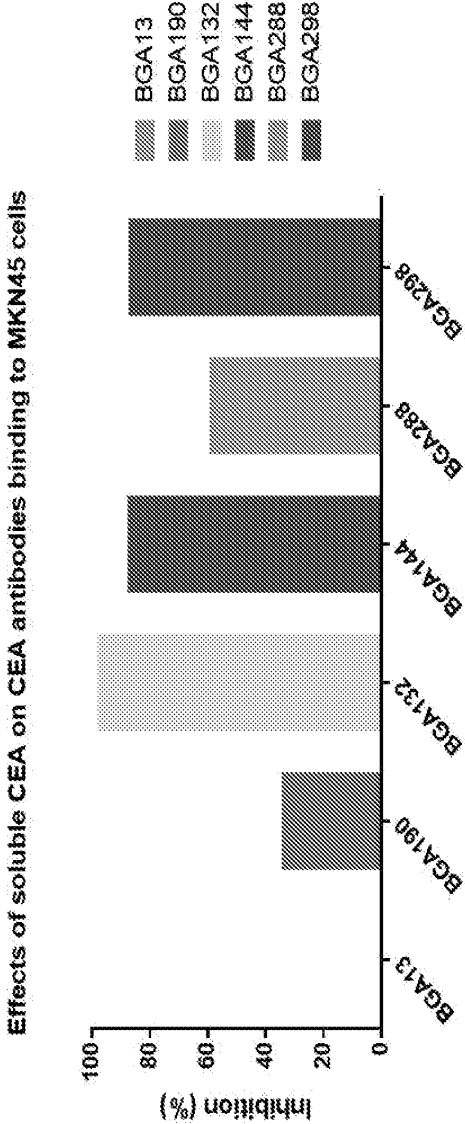


Figure 5A-5B
7/55

△

	LCDR1					LCDR2					LCDR3							
31	32	33	40	41	42	70	71	72	73	130	131	132	133	134	135	136	137	138
E	N	I	Y	G	Y	N	A	K	N	Q	H	H	Y	G	T	P	Y	T

HCDR1						HCDR2						HCDR3															
Y	I	F	T	S	Y	G	Y	I	N	P	Q	T	G	Y	T	S	Y	A	E	Y	G	N	Y	N	Y	P	L
31	32	33	39	40	44	60	61	65	66	67	68	69	70	71	72	74	75	76	119	120	127	128	129	130	131	132	133

Figure 6
8/55

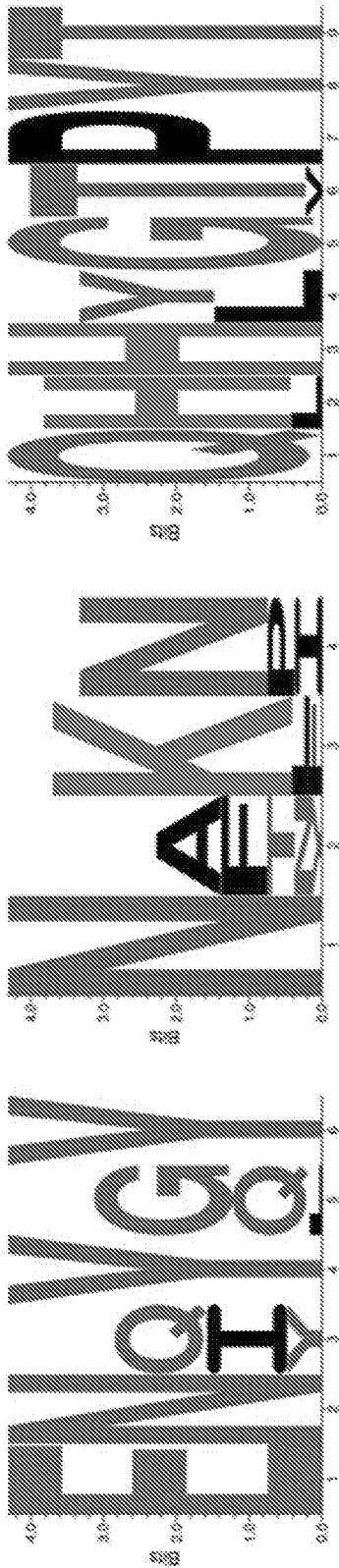


Figure 7
9/55

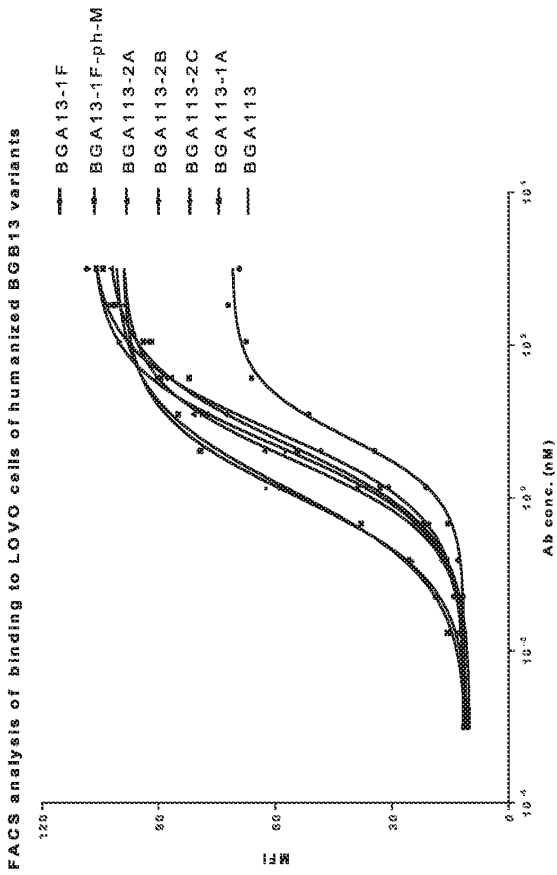


Figure 8
10/55

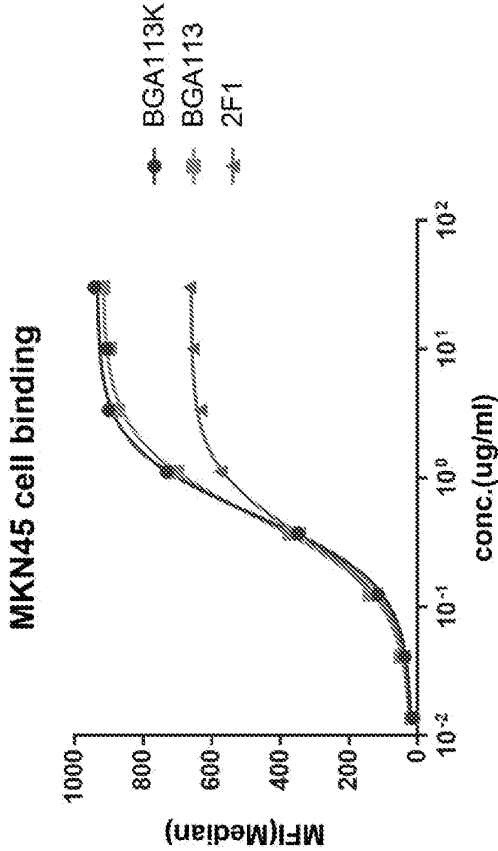


Figure 9A-B
11/55

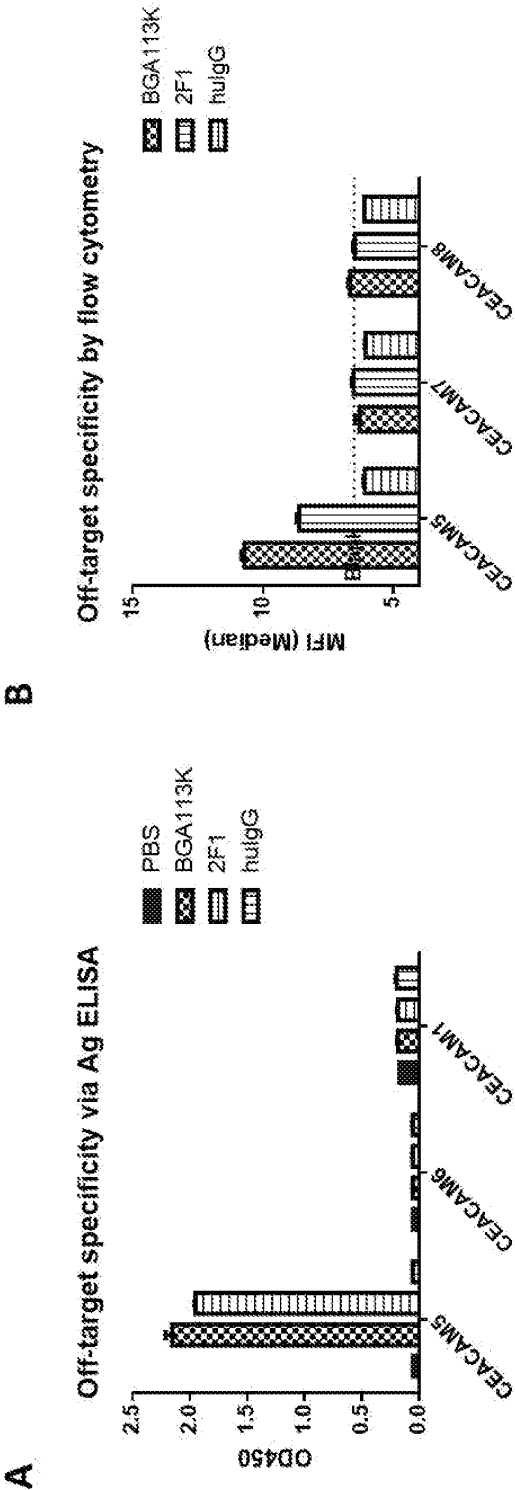


Figure 10
12/55

MKN45 (with or w/o recombinant sCEA) cell binding

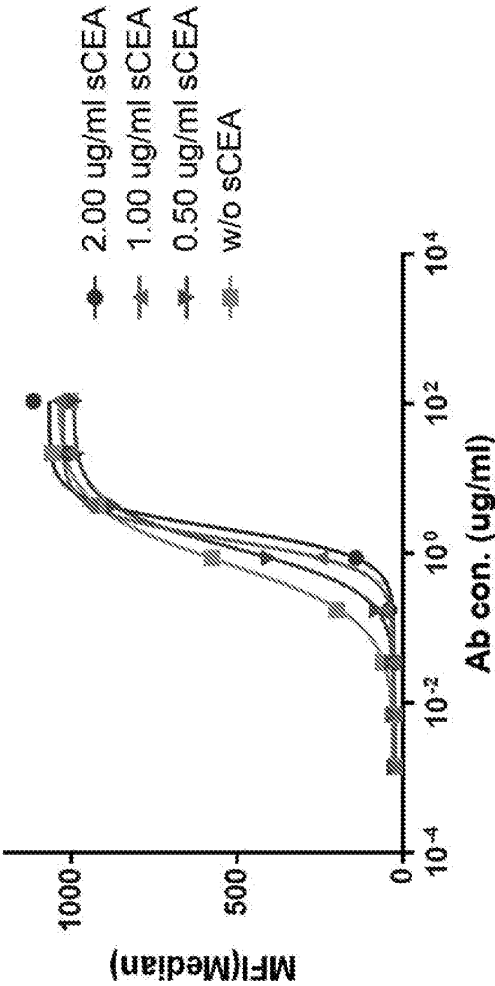


Figure 11
13/55

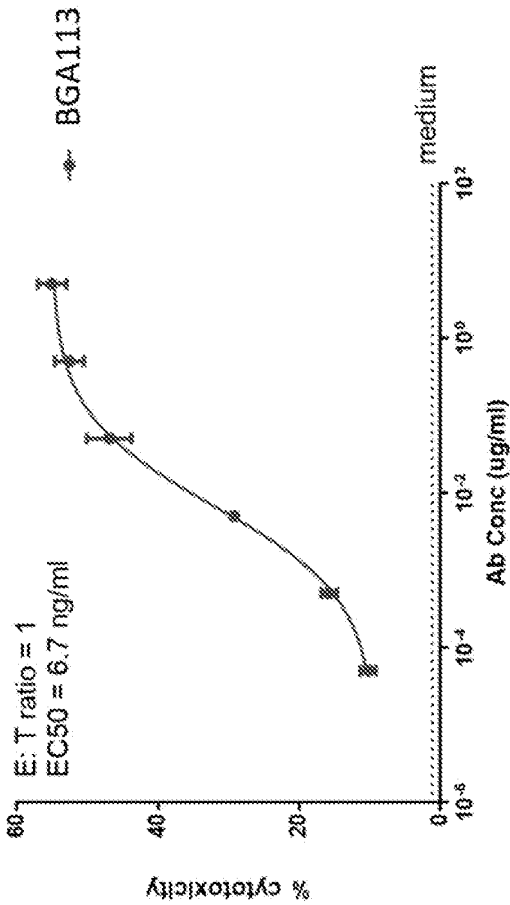


Figure 12
14/55

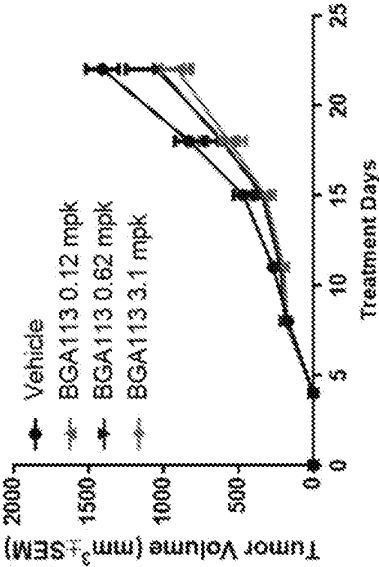
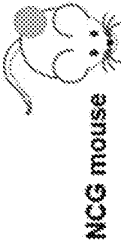
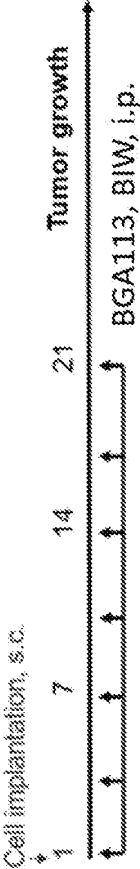


Figure 13A
15/55

Library	Positive clones
HC-8	7
HC-9	8
HC-10	37
HC-11	6
HC-12	7
HC-13	21
HC-14	7
total	93

Figure 13B
16/55

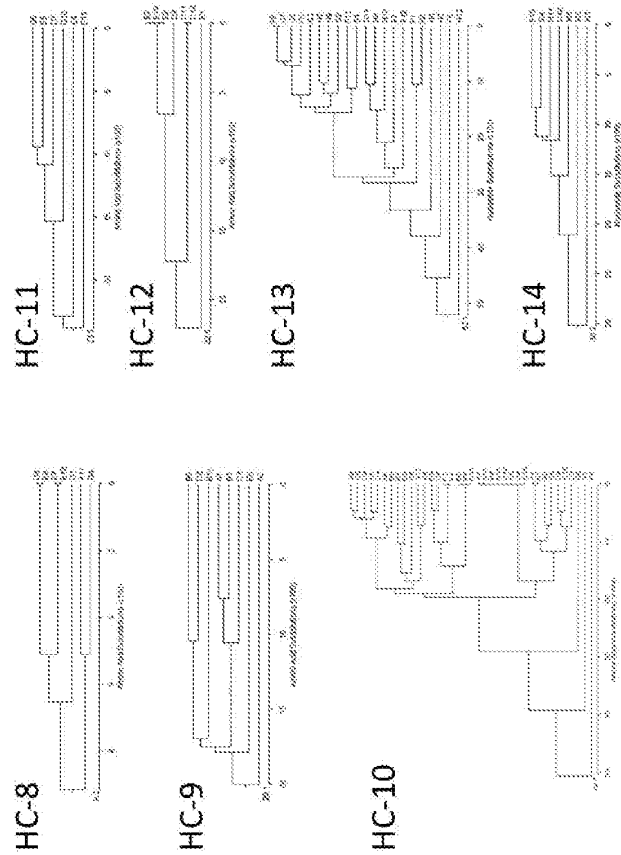


Figure 14A-C
17/55

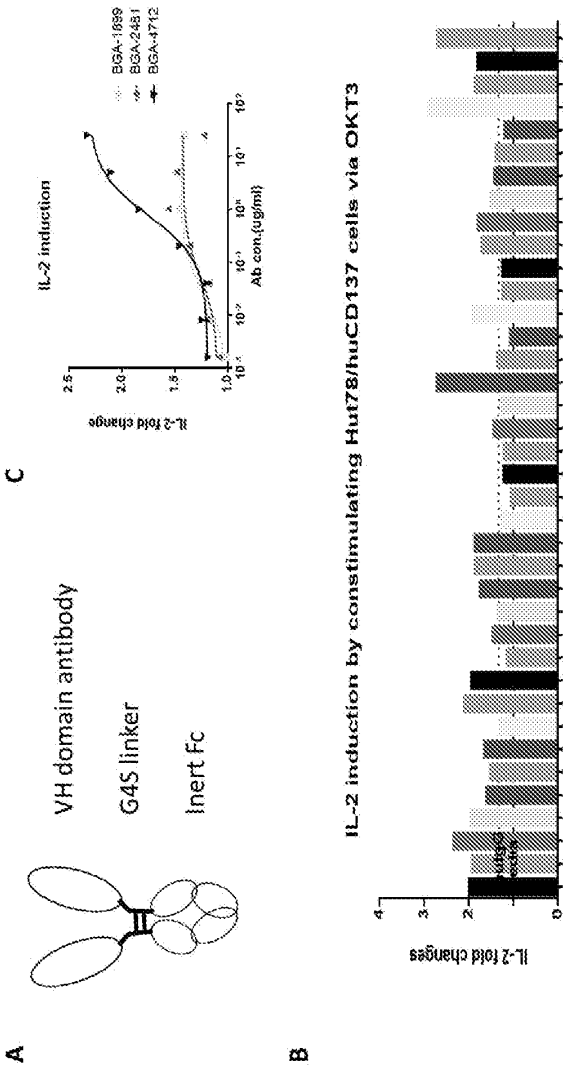


Figure 15A-B
18/55

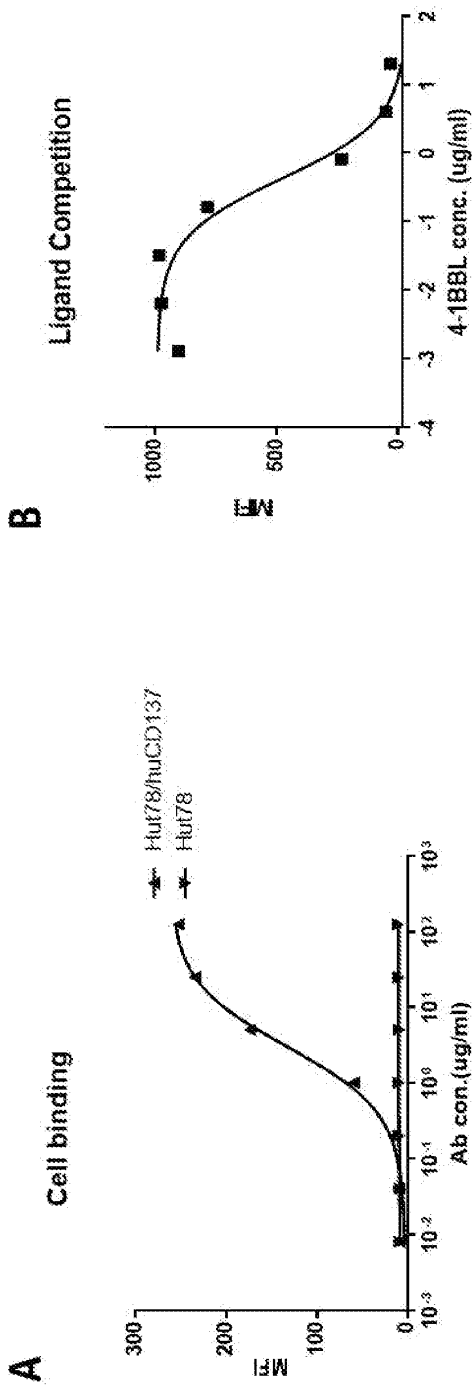


Figure 16A-D
19/55

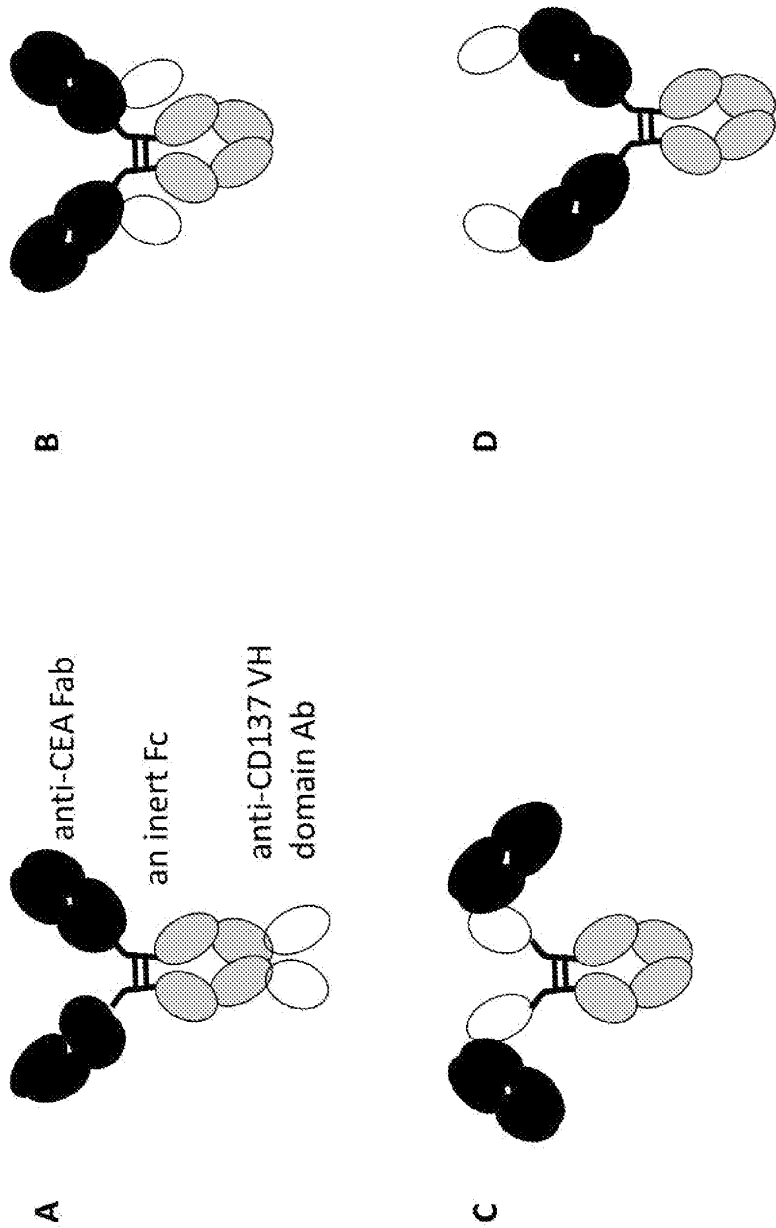


Figure 17A-B
20/55

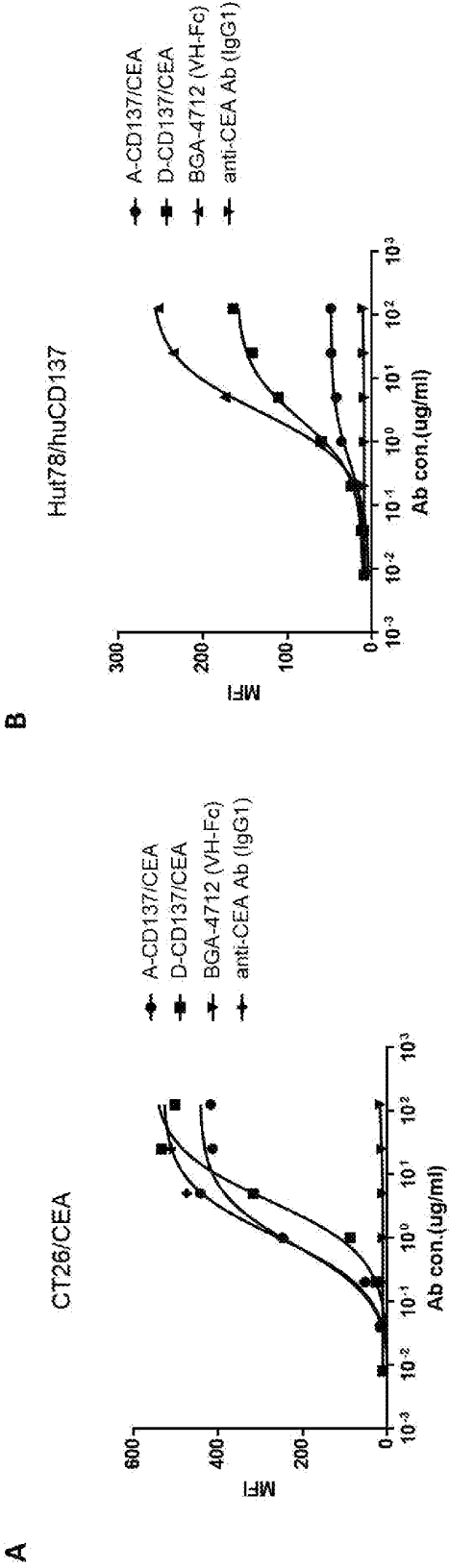


Figure 18A-B
21/55

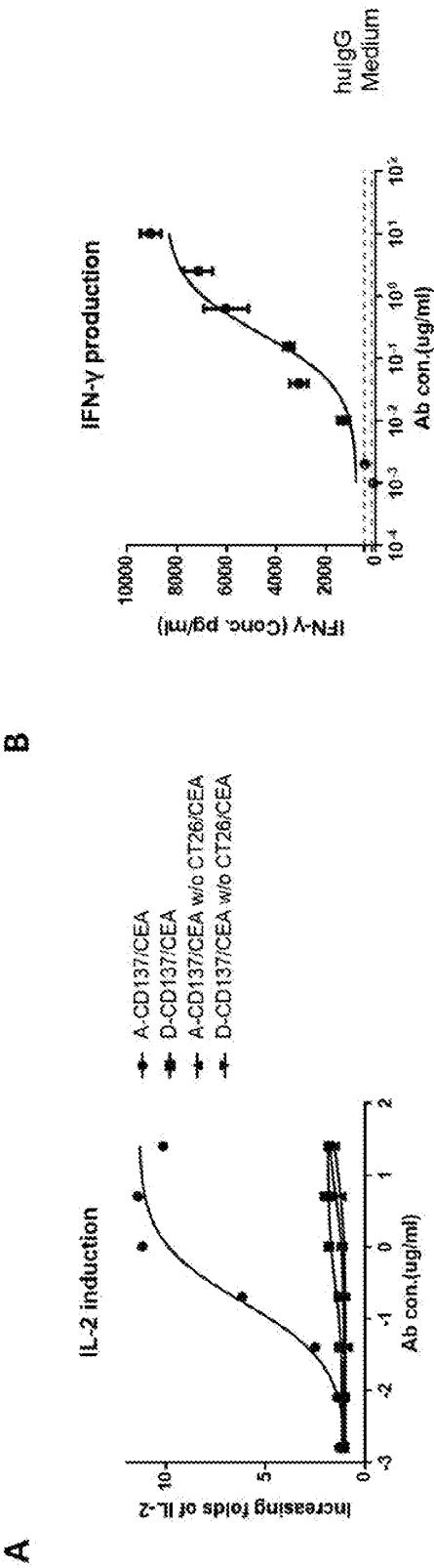


Figure 19
22/55

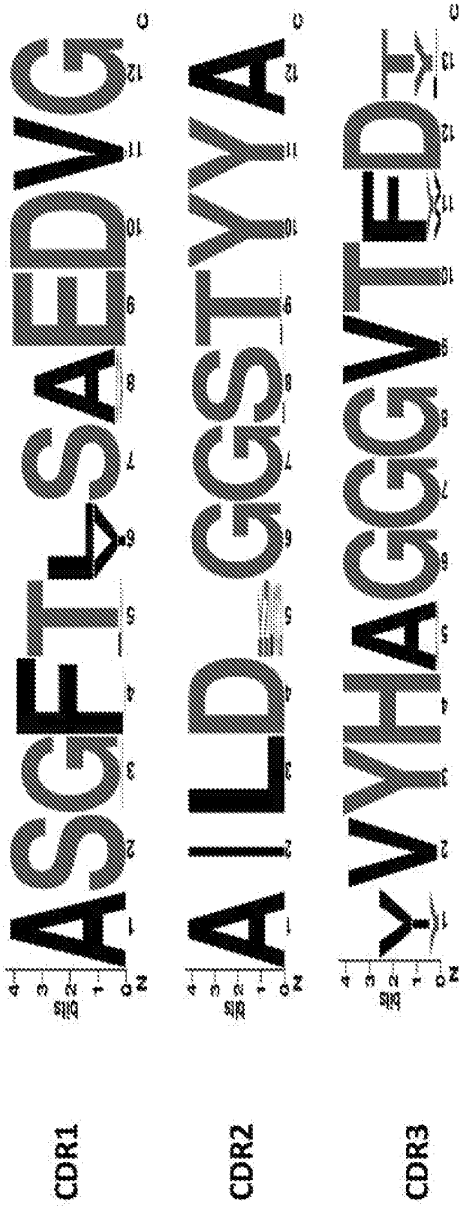


Figure 20
23/55

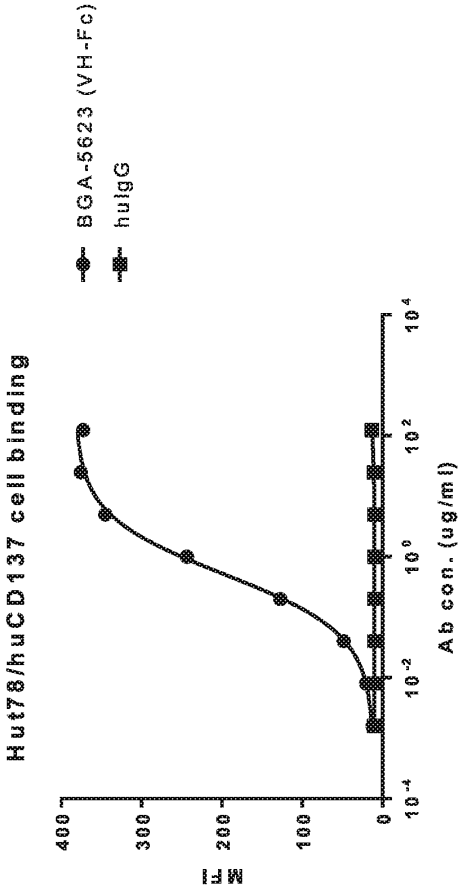


Figure 21
24/55

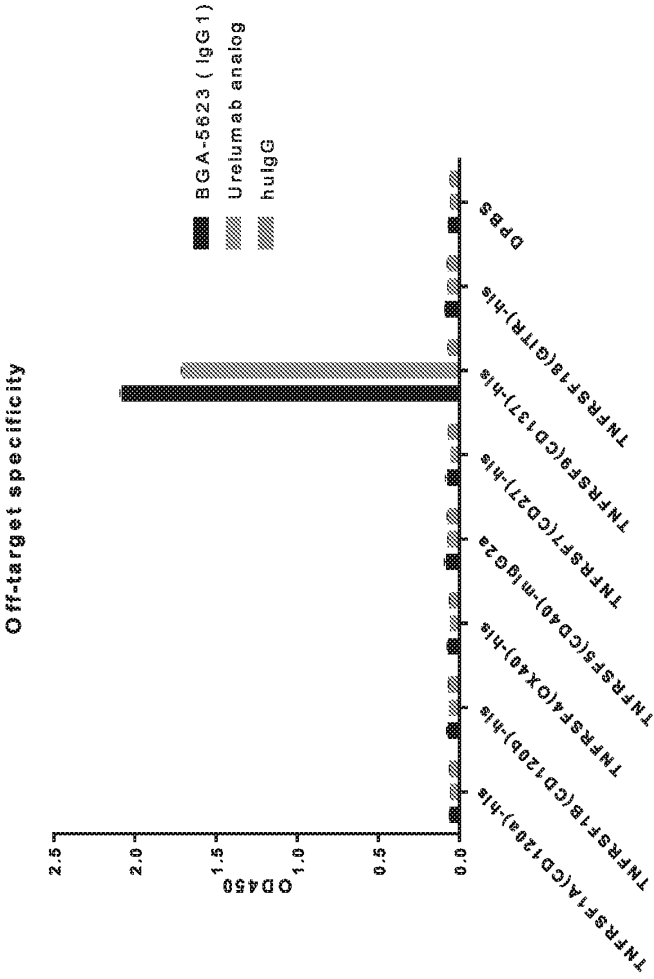


Figure 22A-B
25/55

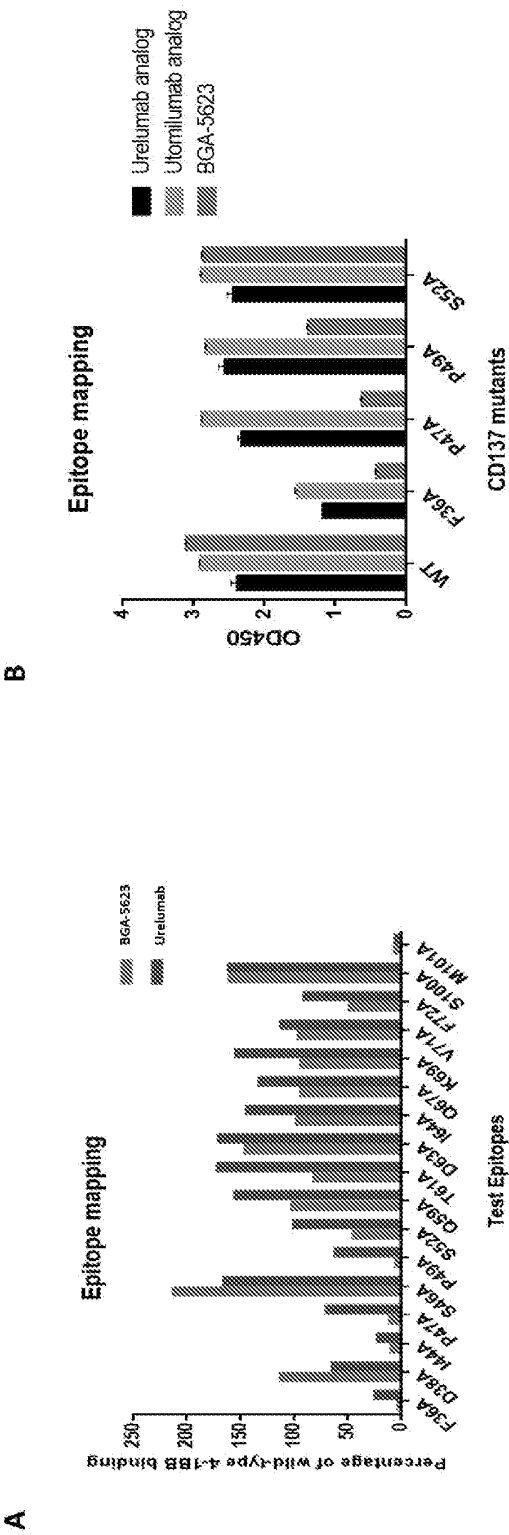
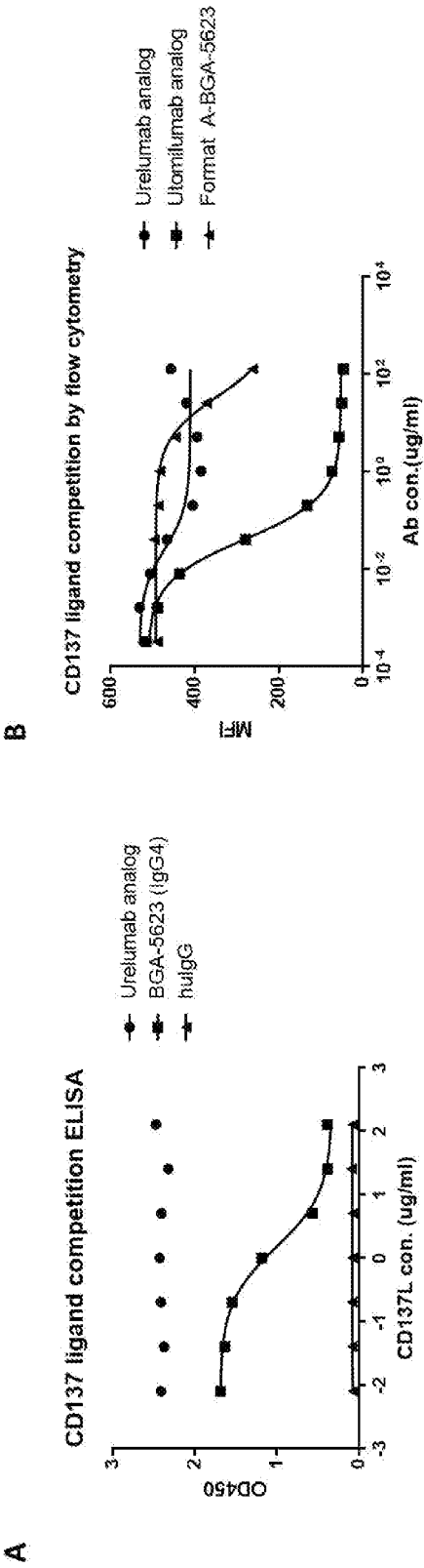
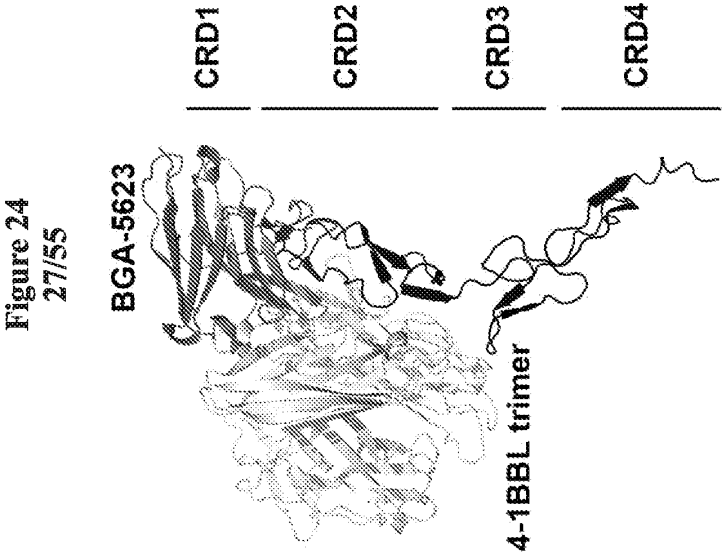


Figure 23A-B
26/55





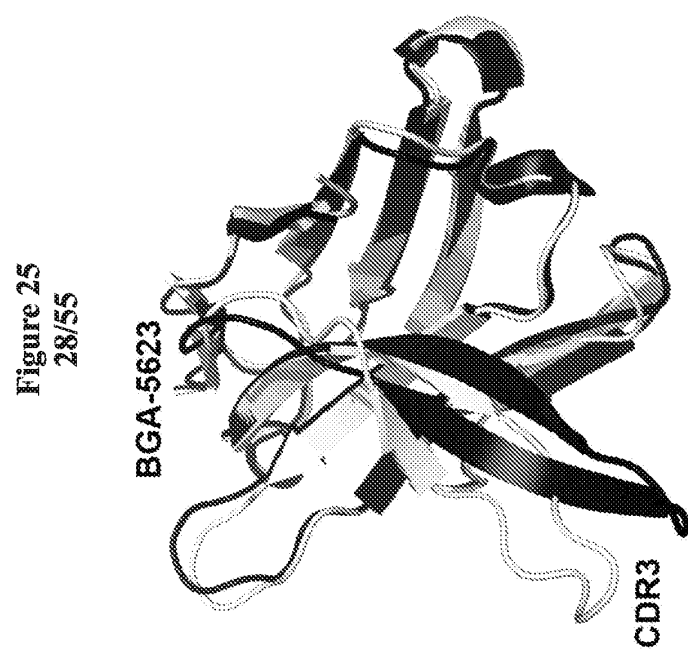


Figure 26
29/55

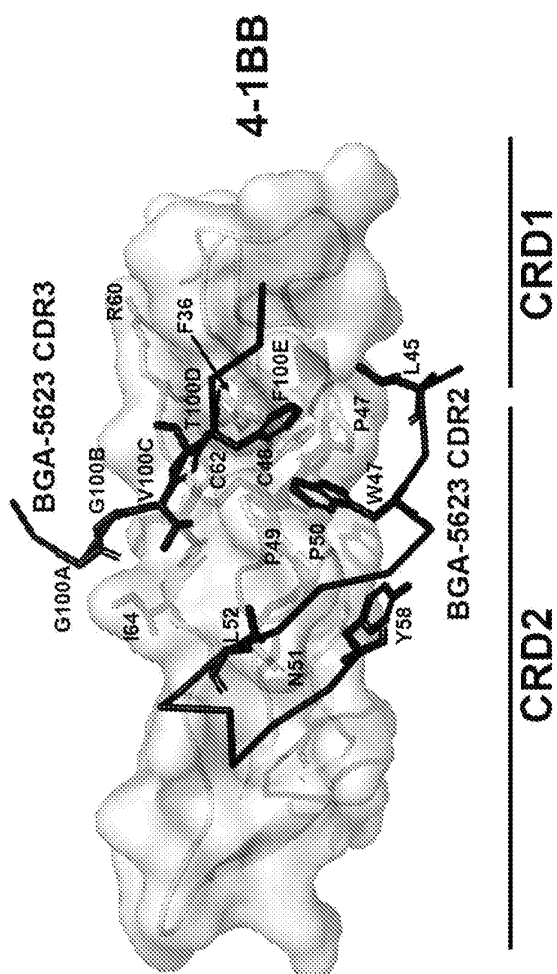


Figure 27
30/55

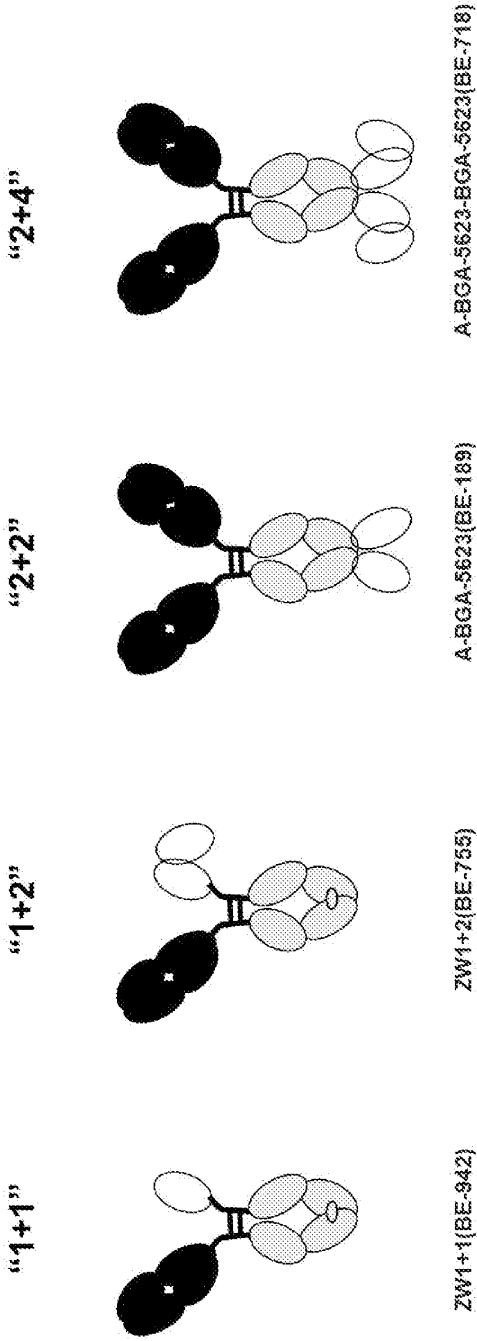


Figure 28A-B
31/55

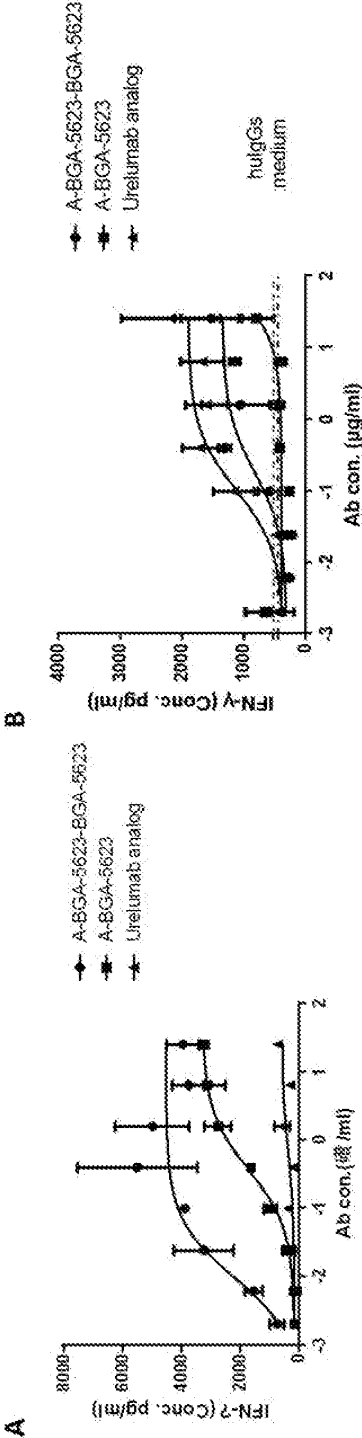


Figure 29
32/55

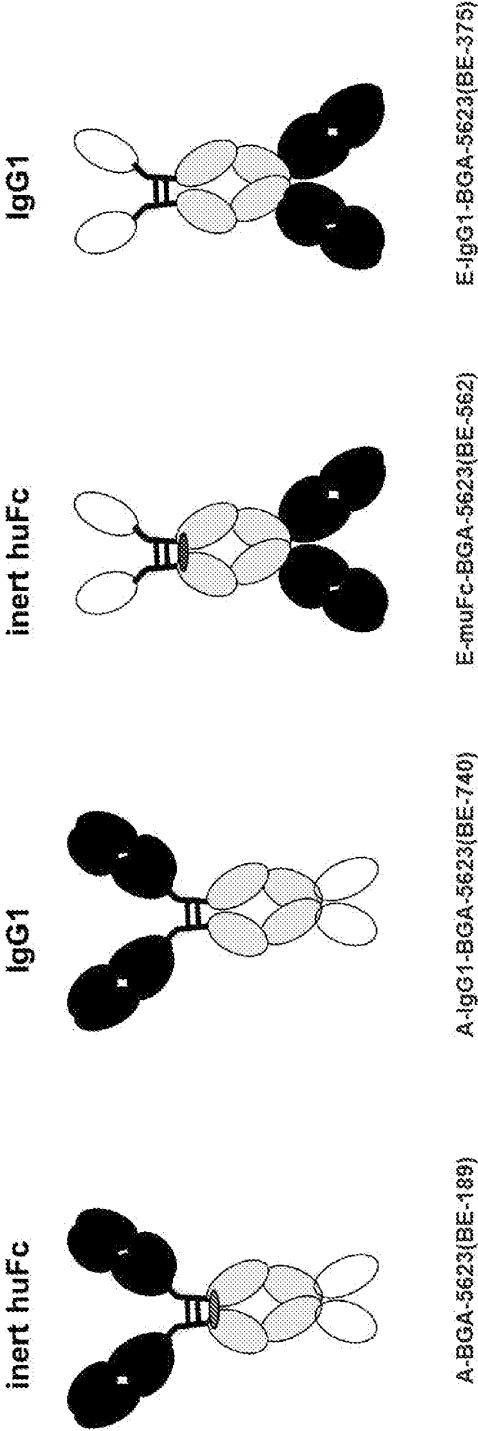


Figure 30A-B
33/55

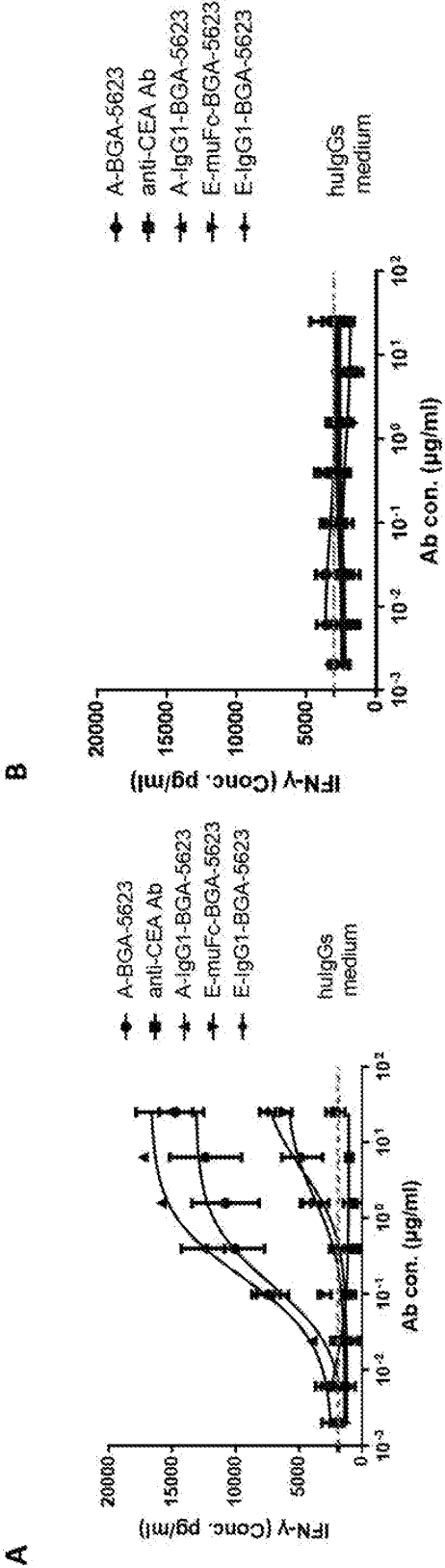


Figure 31
34/55

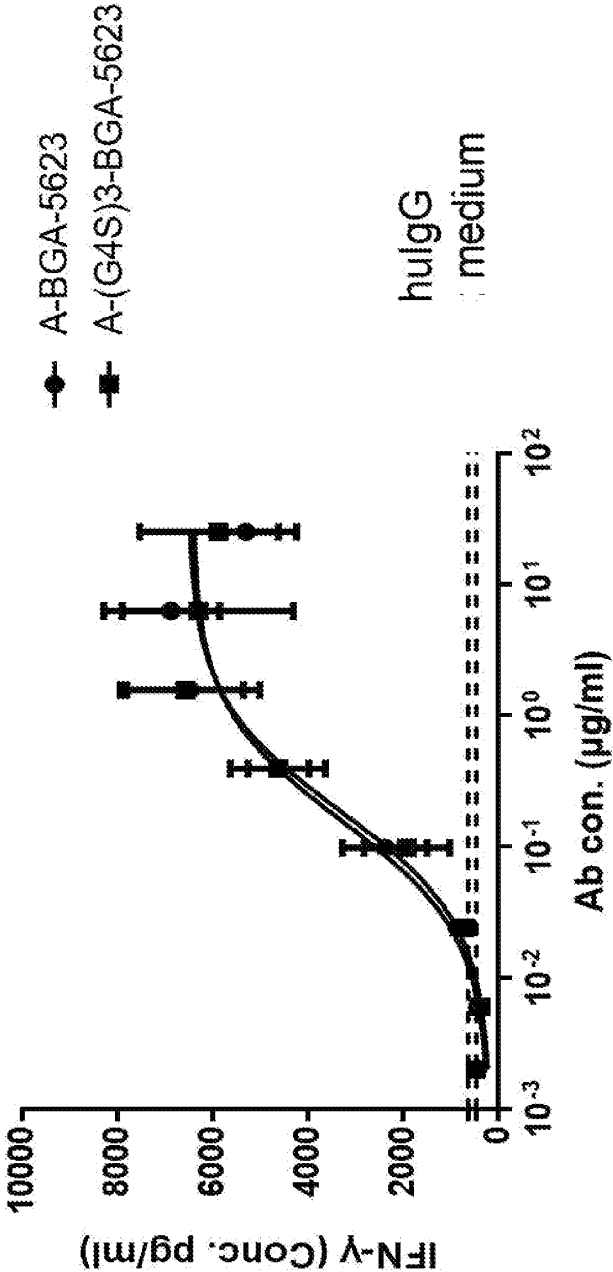


Figure 32A-D
35/55

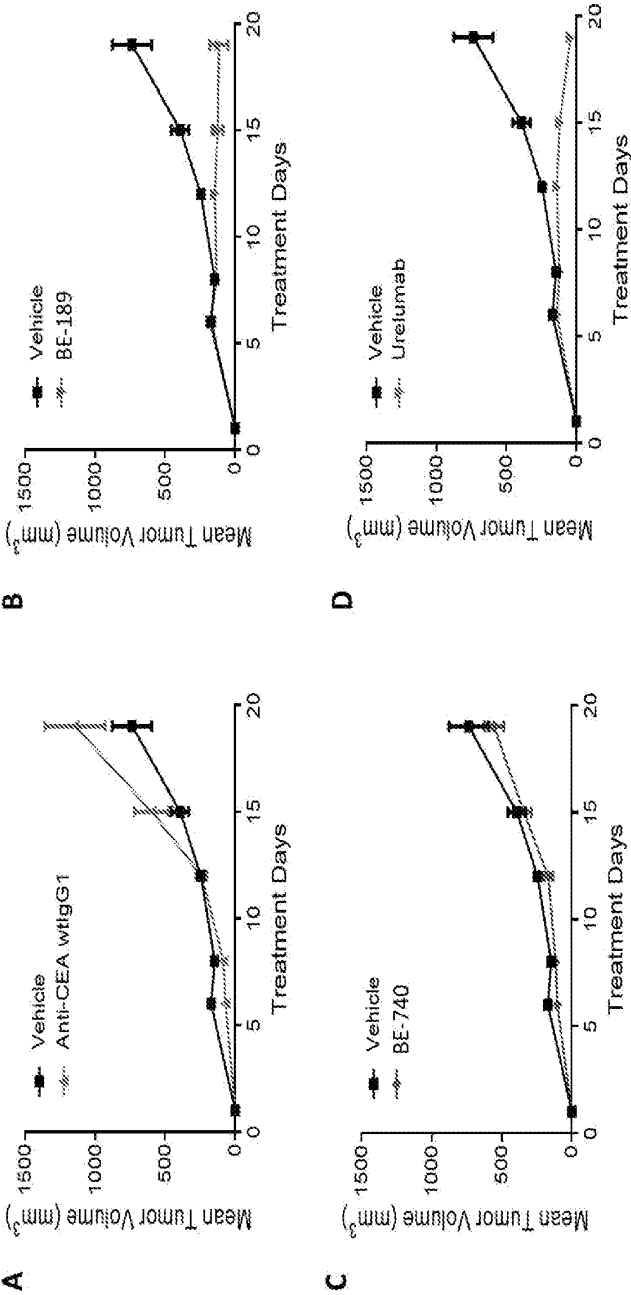


Figure 33
36/55

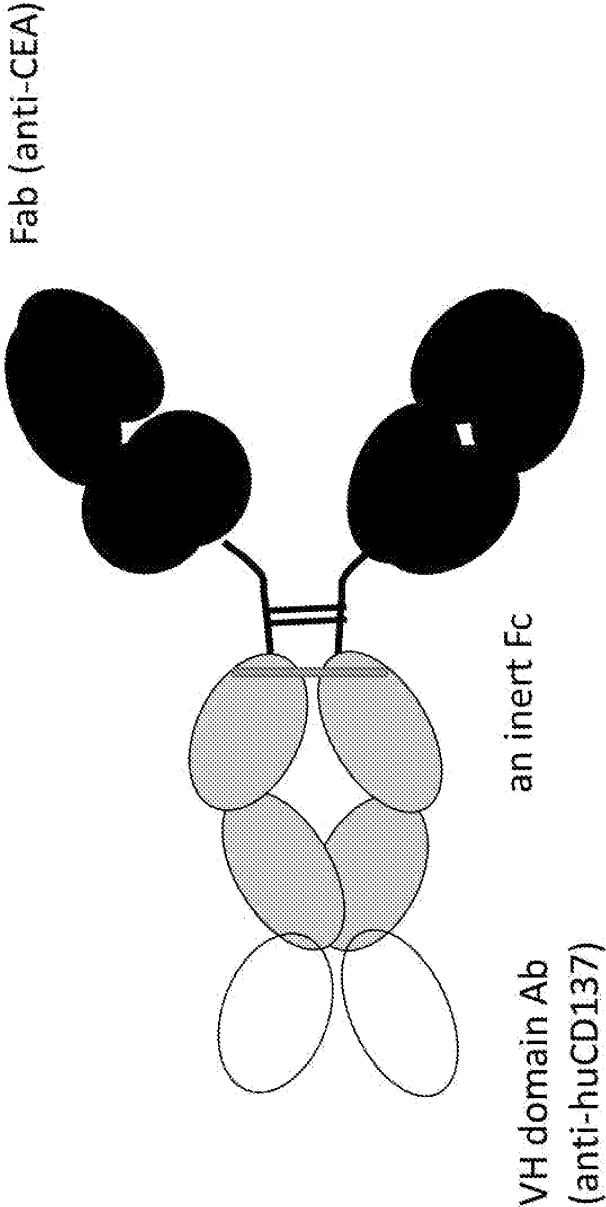
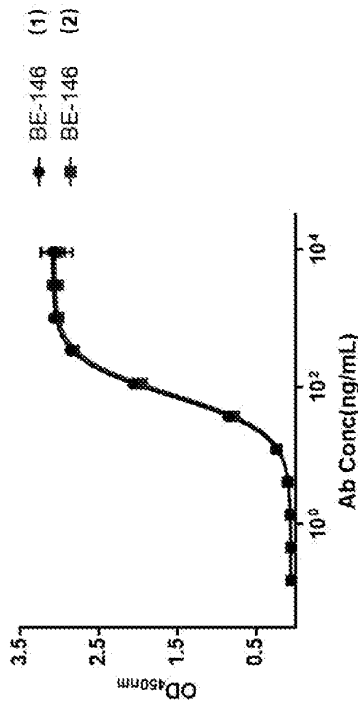


Figure 34A-B
37/55

A



B

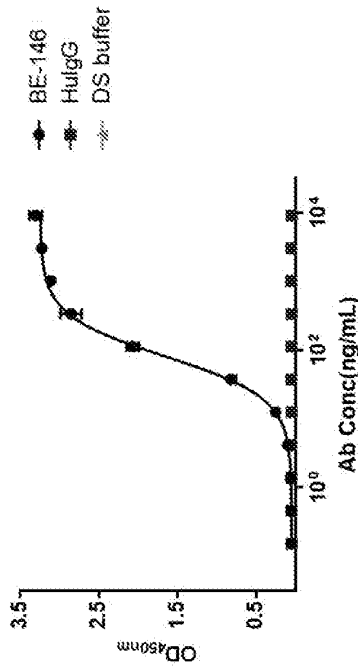


Figure 35
38/55

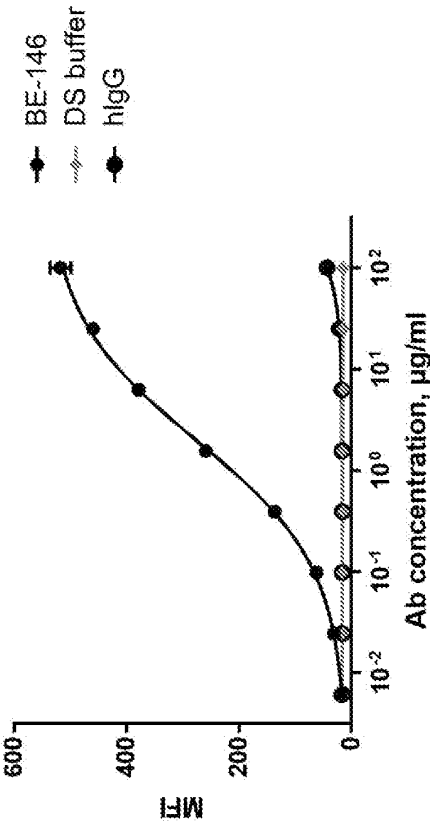


Figure 36
39/55

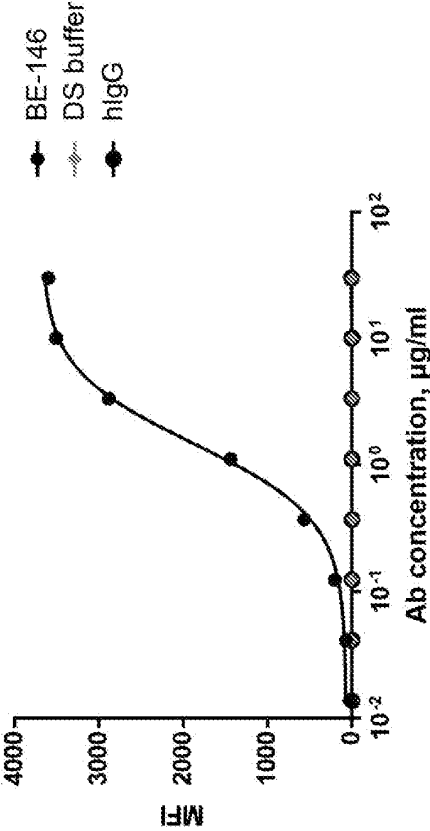


Figure 37
40/55

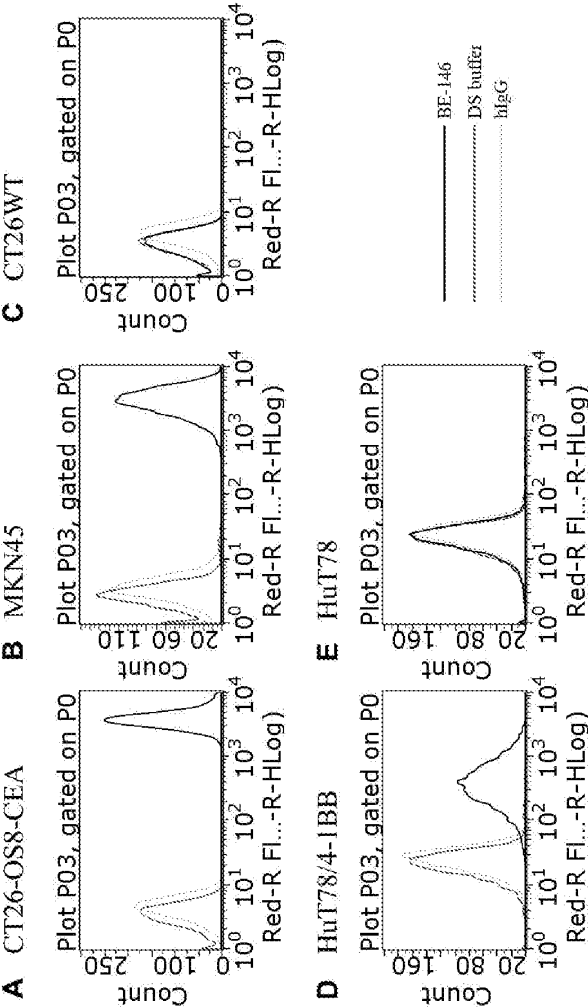


Figure 38A-C
41/55

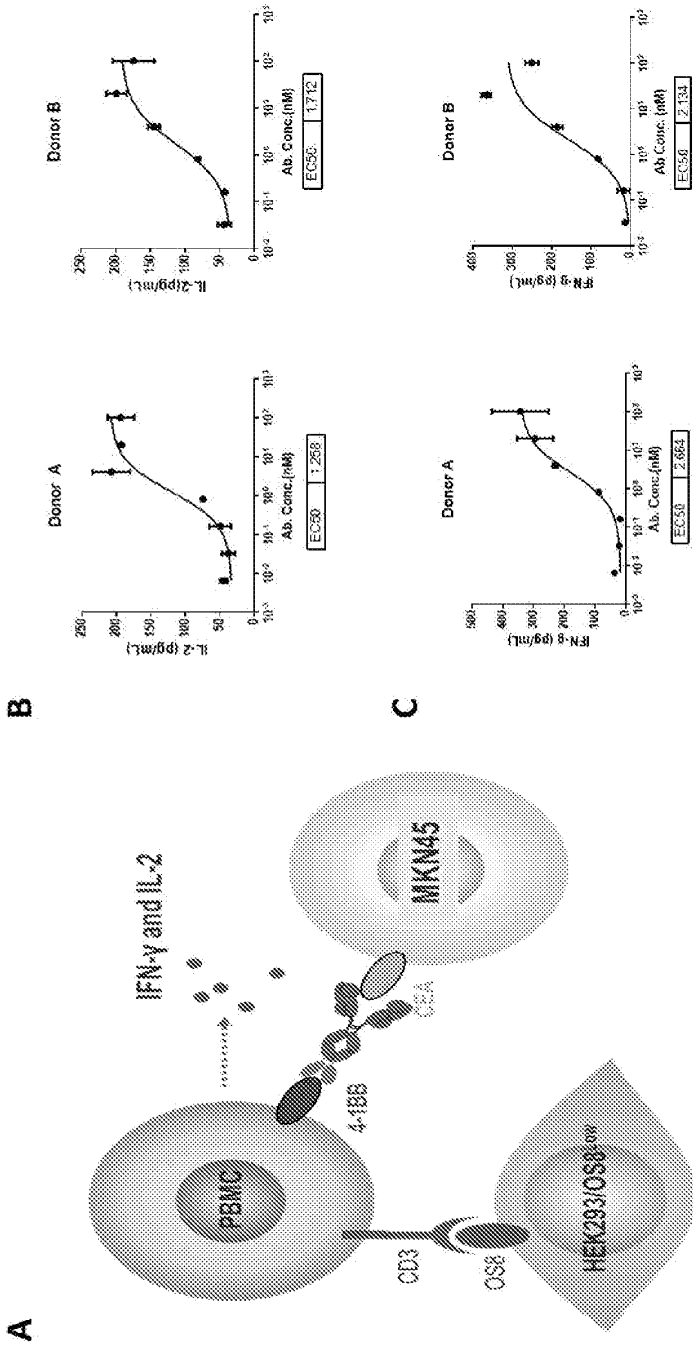


Figure 39A-B
42/55

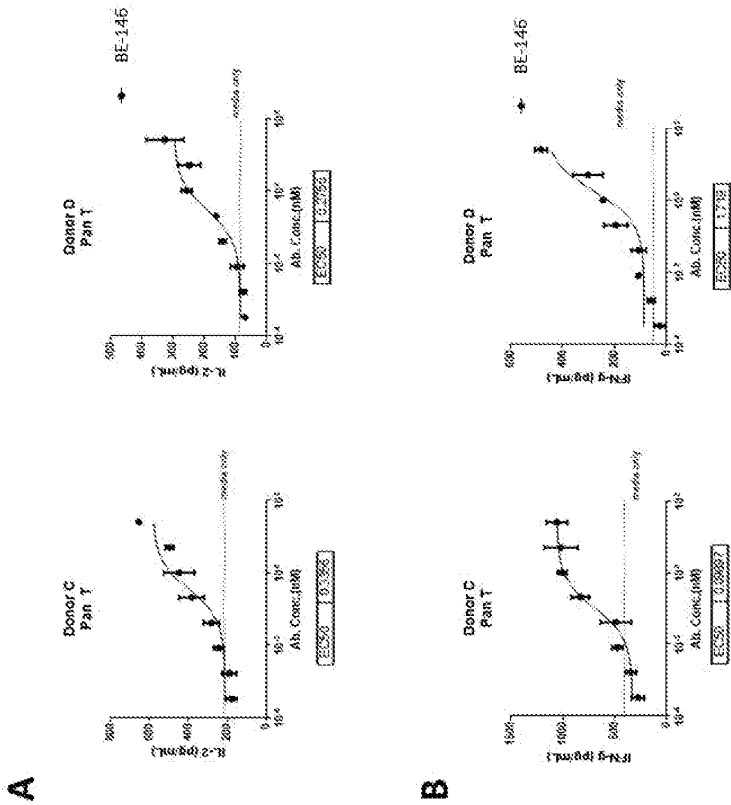
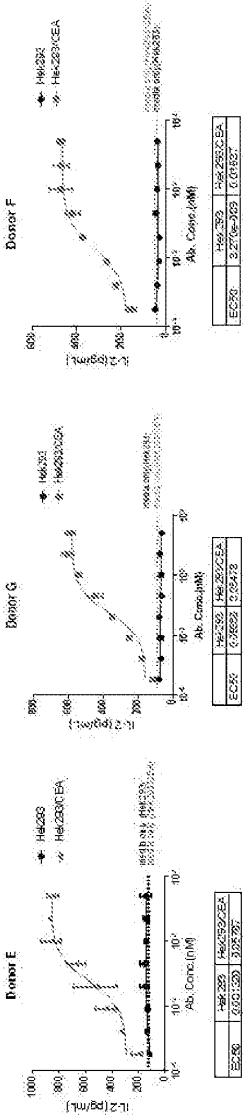


Figure 40A-B
43/55

A



B

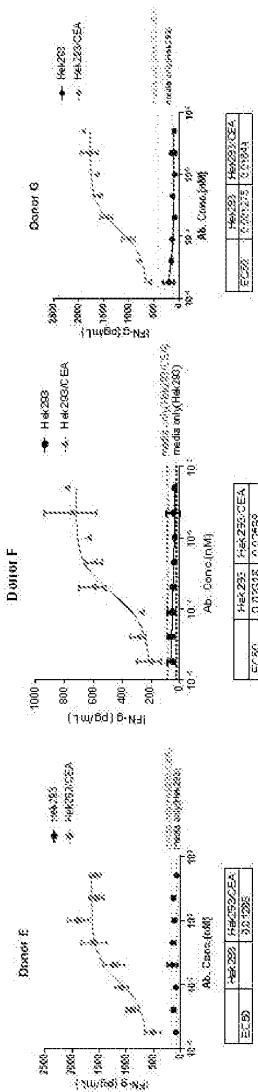
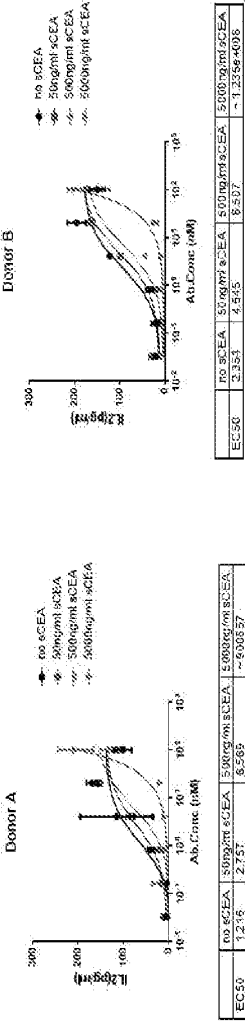


Figure 41A-B
44/55

A



B

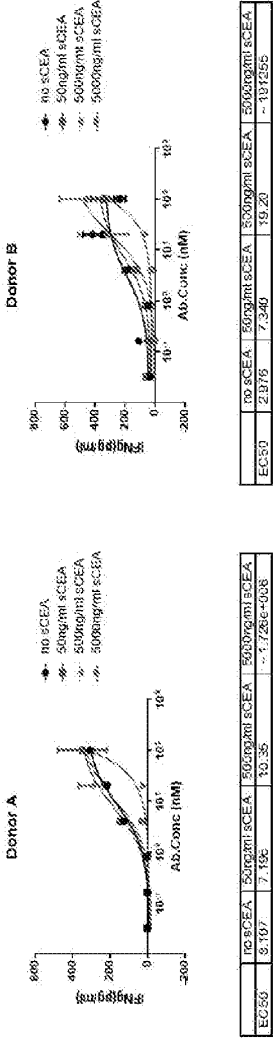


Figure 42
45/55

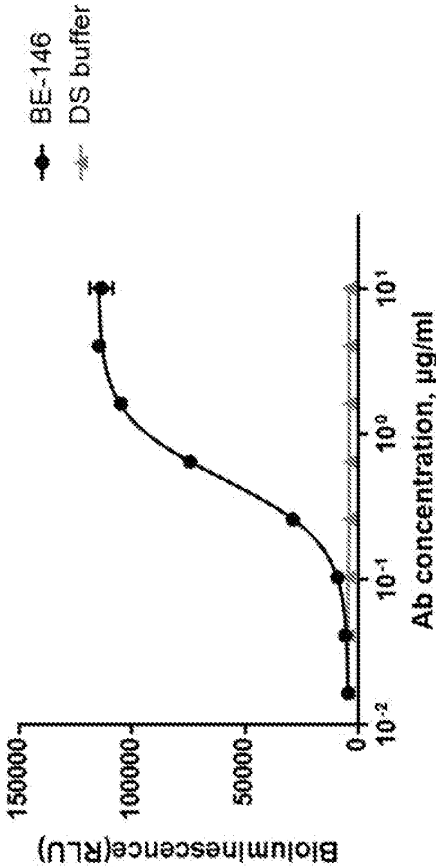


Figure 43A-B
46/55

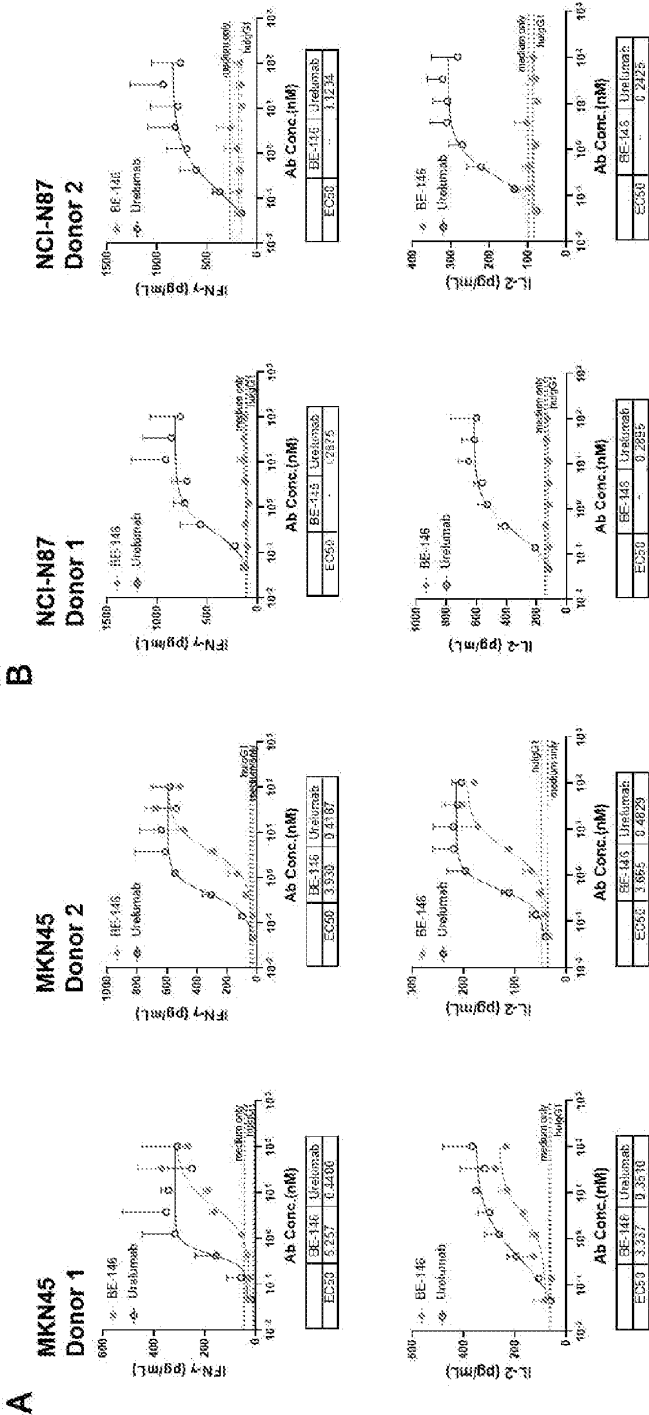


Figure 44
47/55

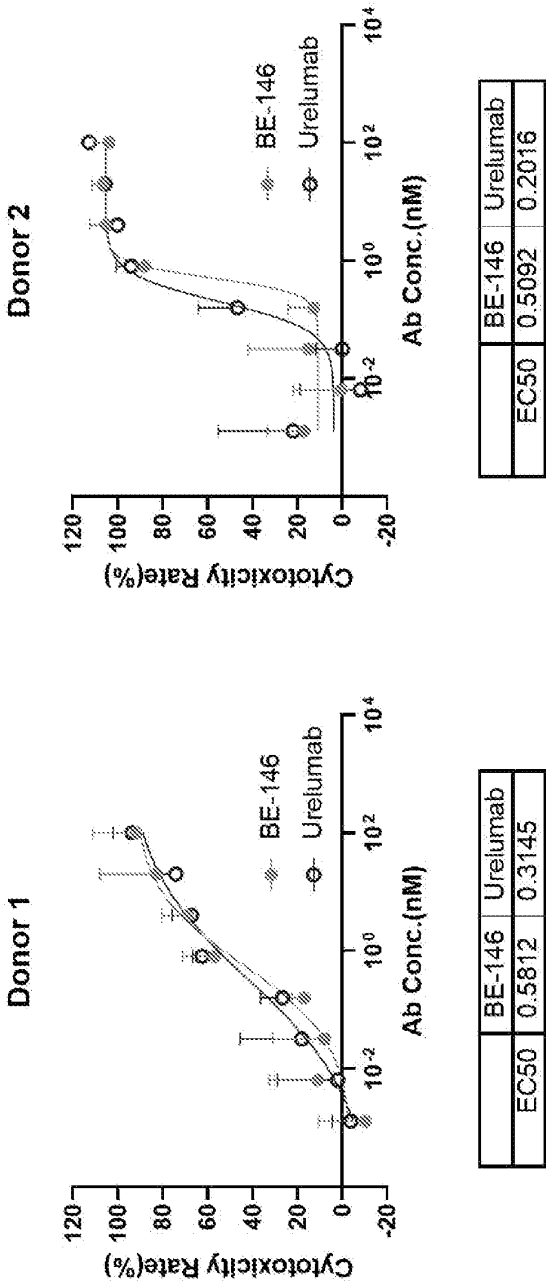


Figure 45
48/55

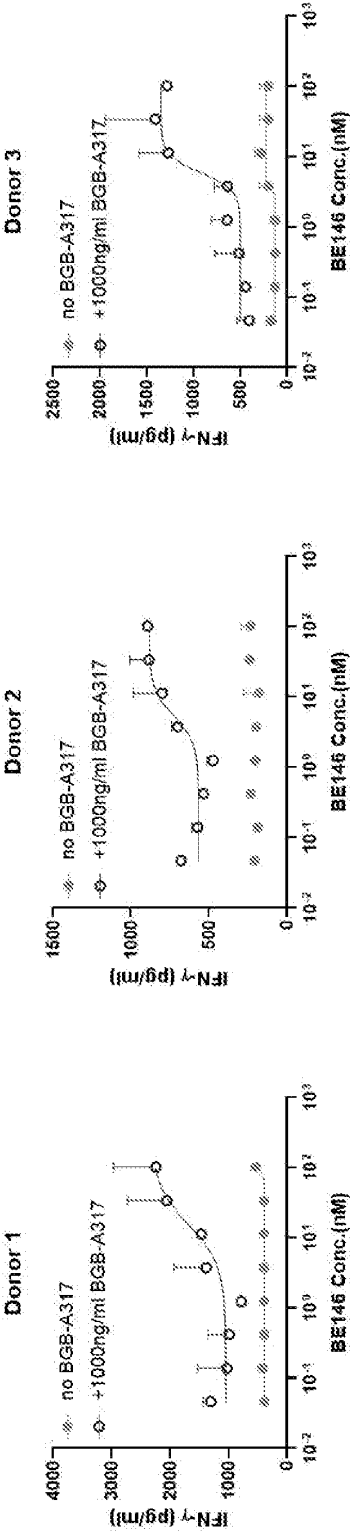


Figure 46A
49/55

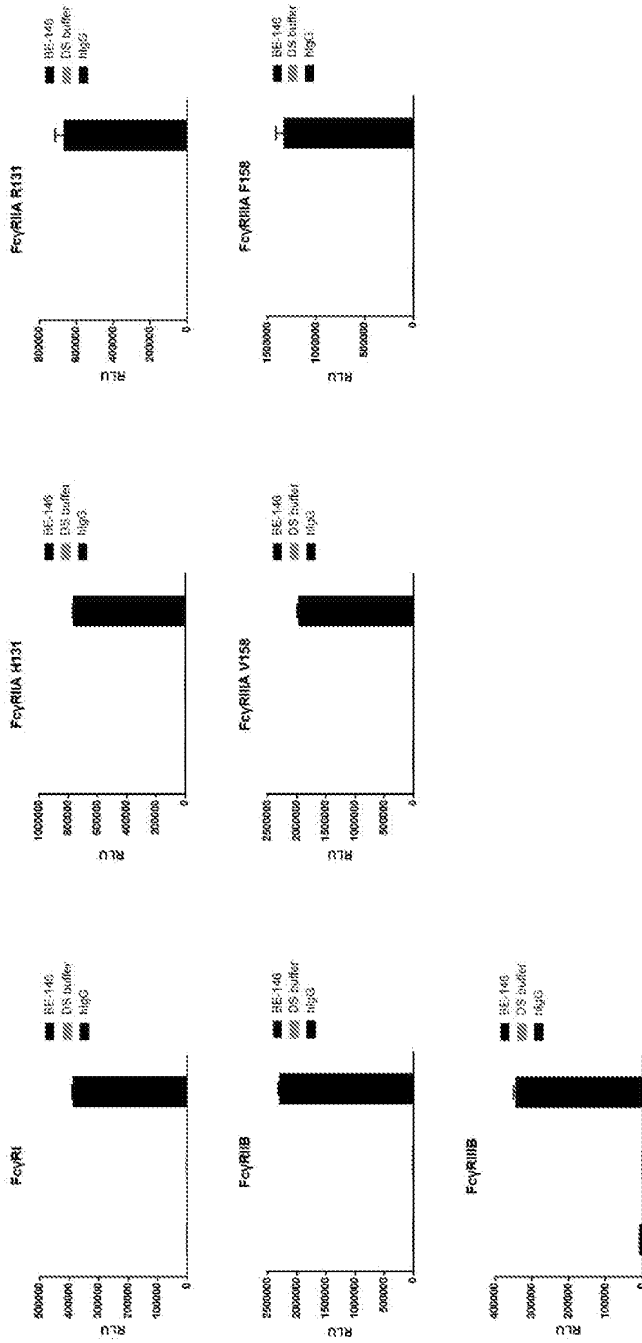


Figure 46B
50/55

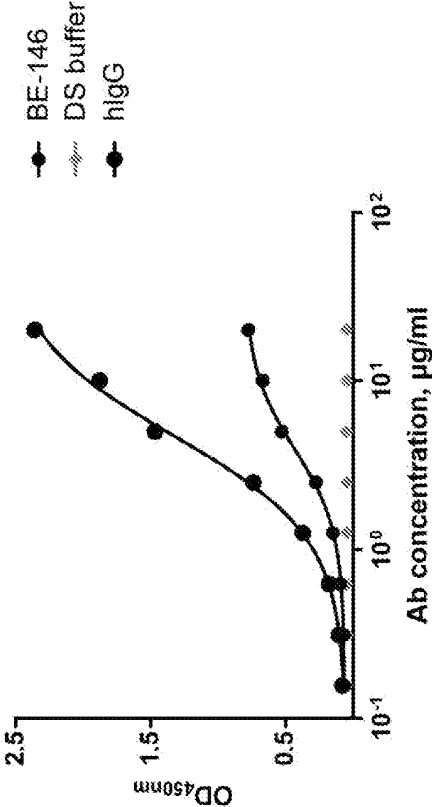


Figure 47
51/55

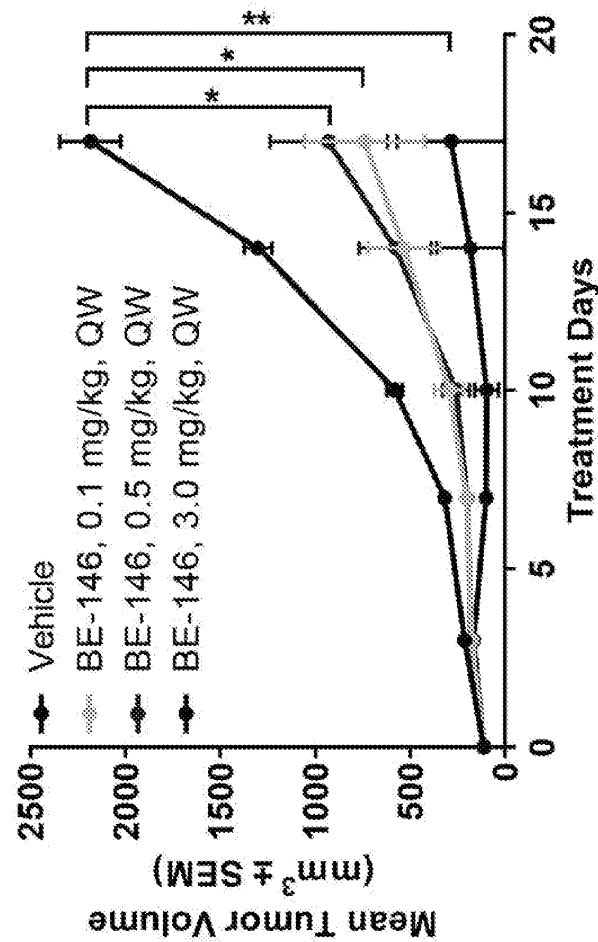


Figure 48
52/55

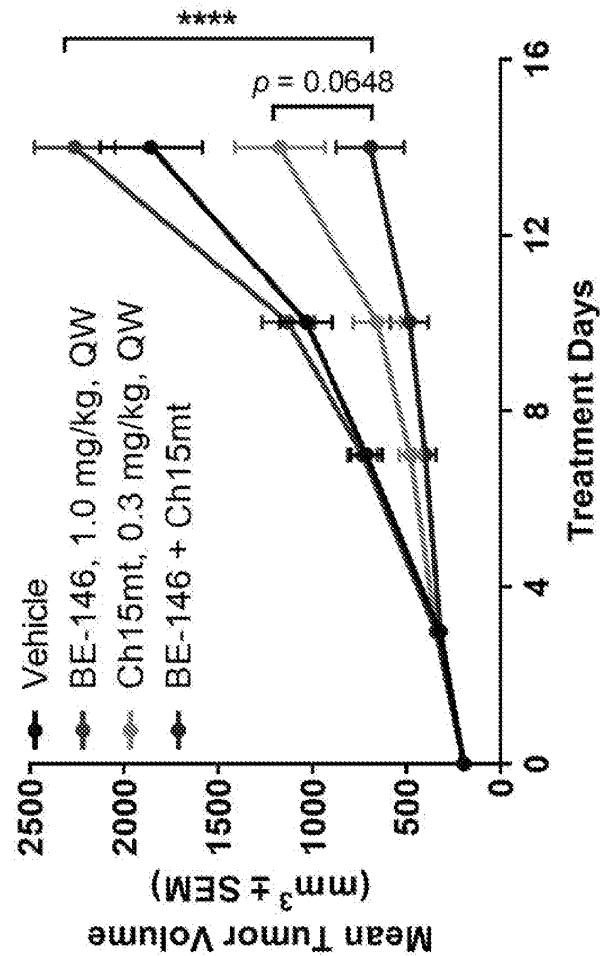


Figure 49
53/55

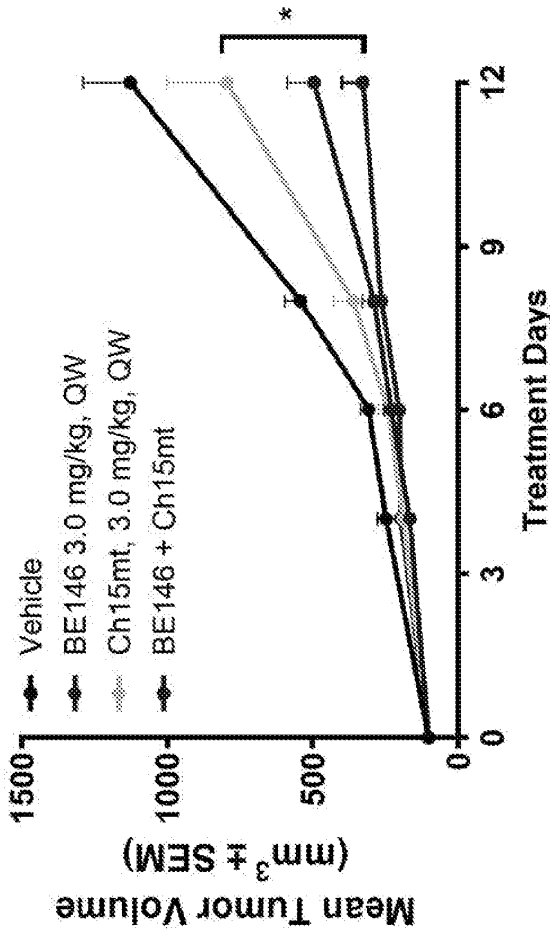


Figure 50
54/55

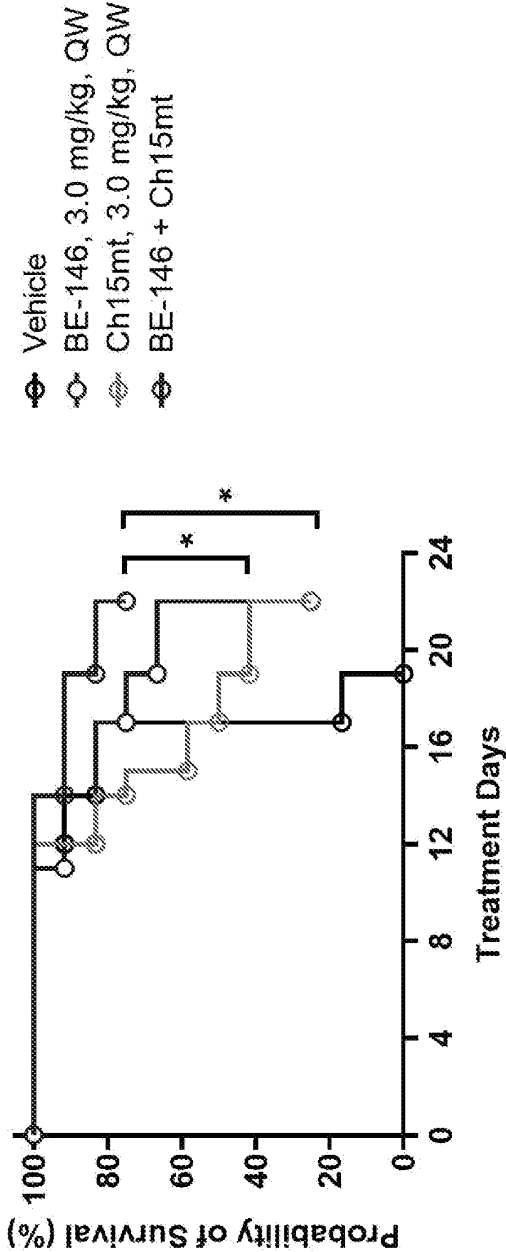


Figure 51
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