

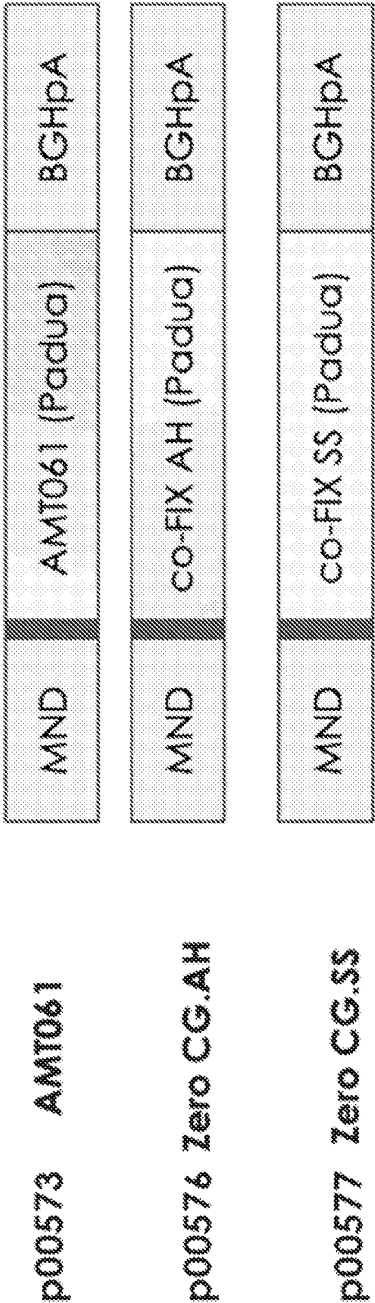


FIG. 1

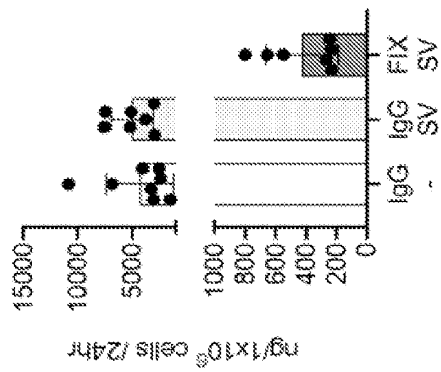


FIG. 2A

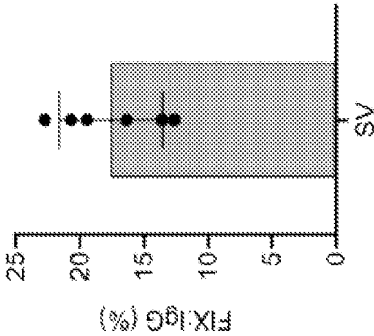


FIG. 2B

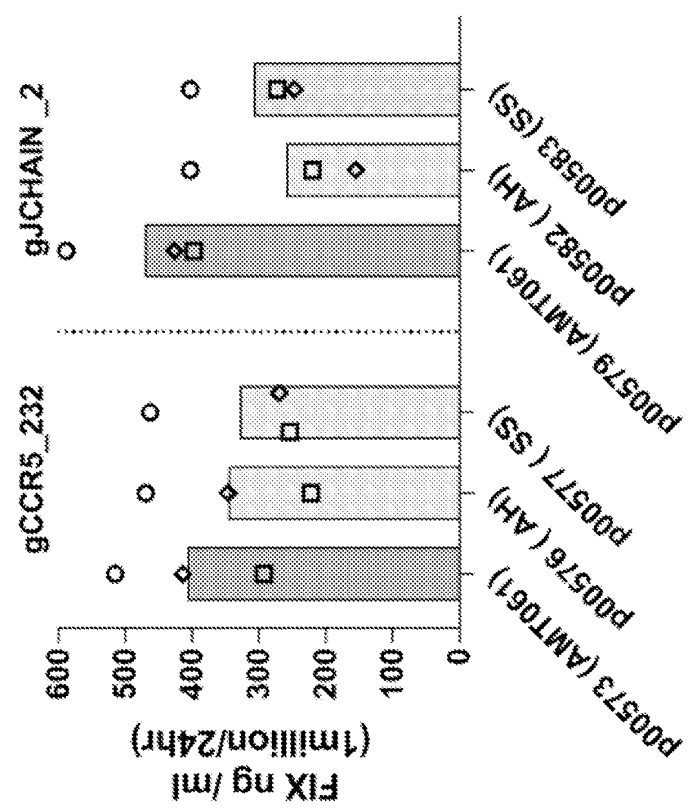


FIG. 3A

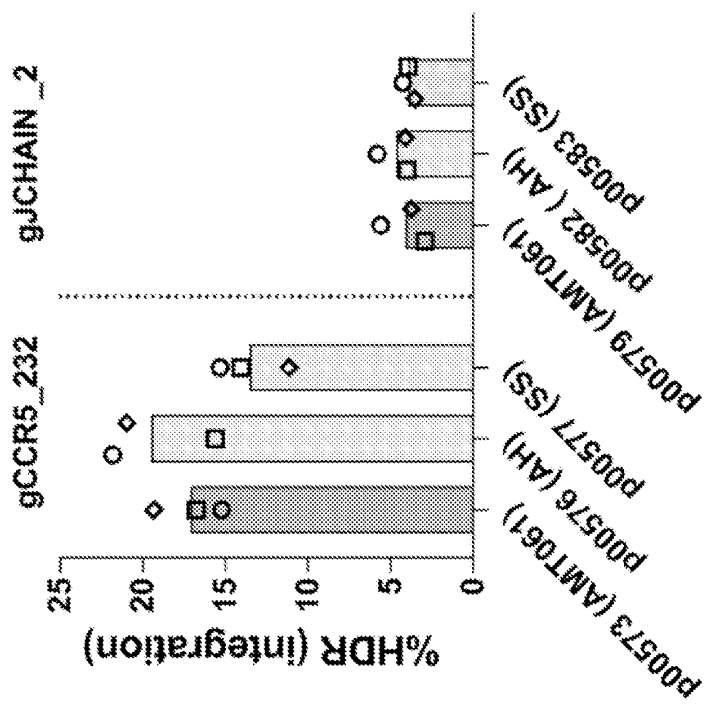


FIG. 3B

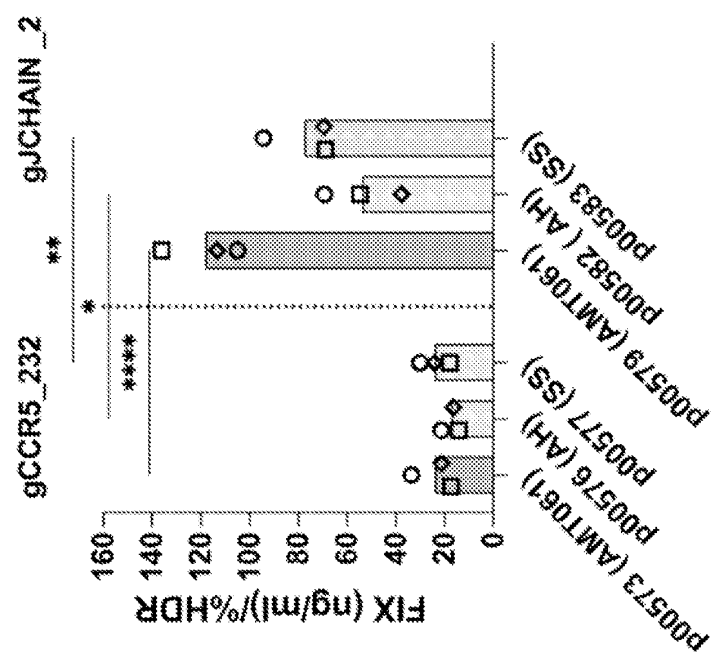


FIG. 3C

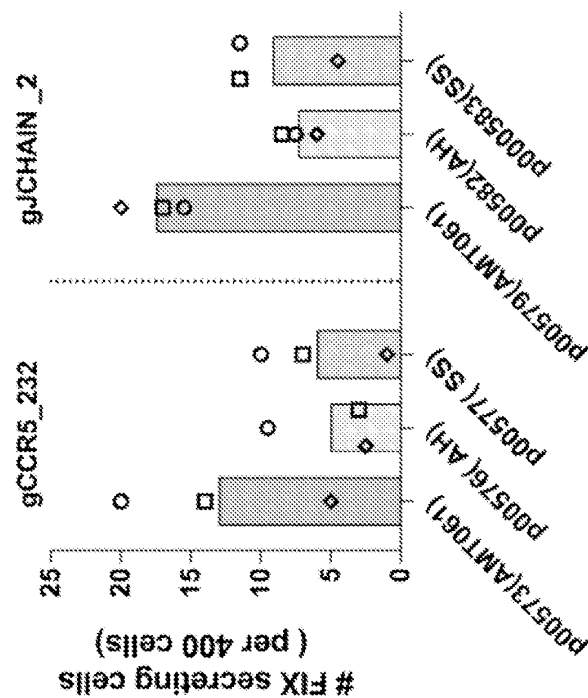


FIG. 4A

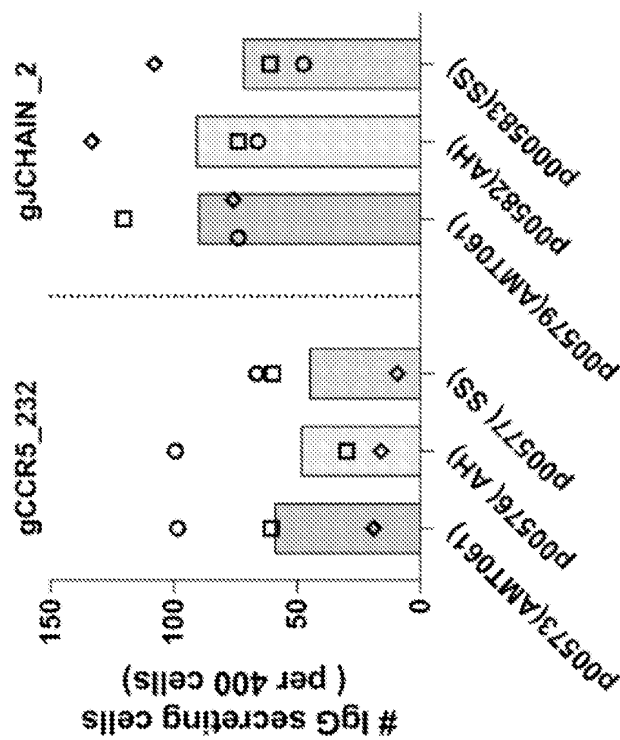


FIG. 4B

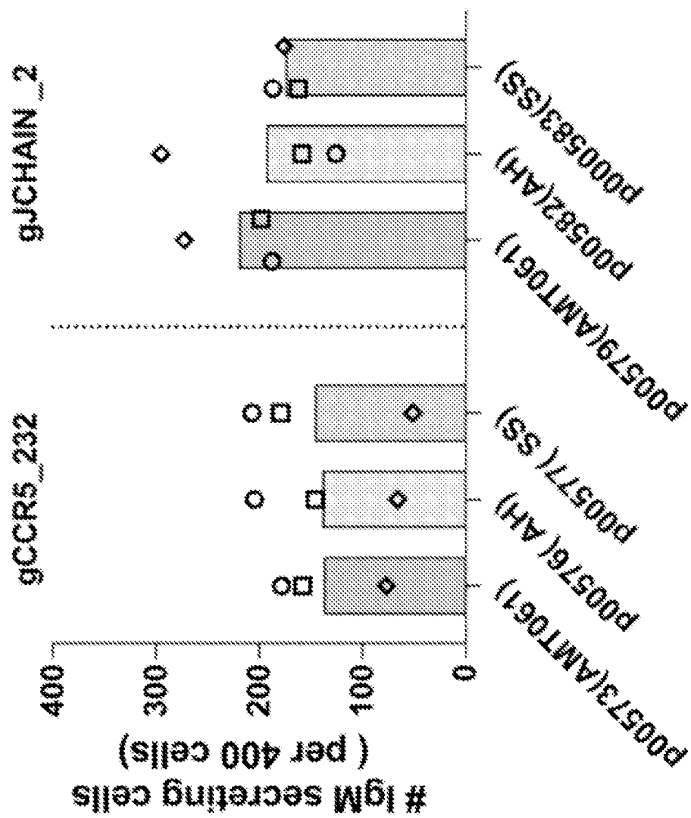


FIG. 4C

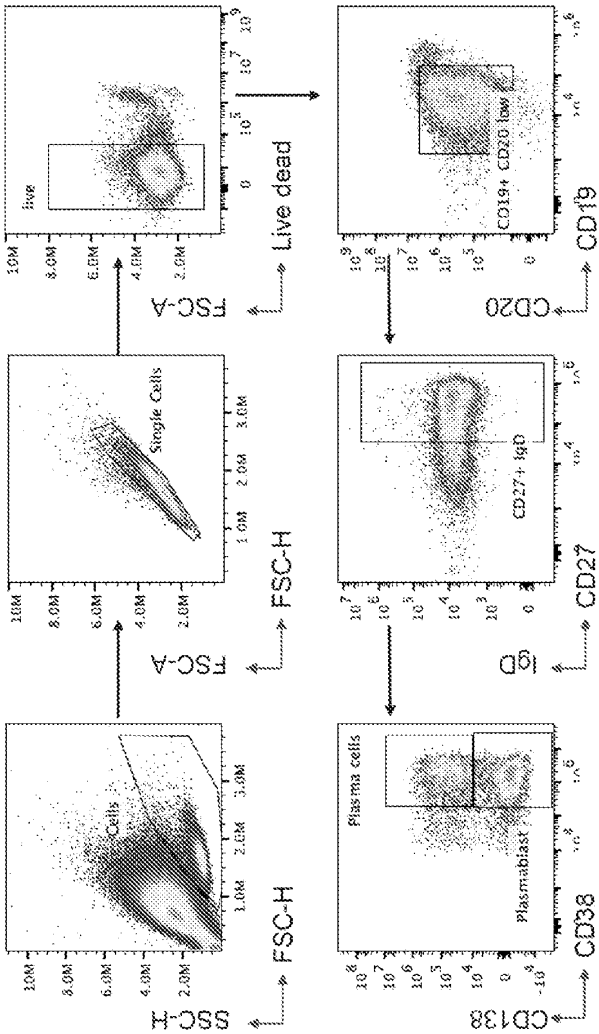


FIG. 5A

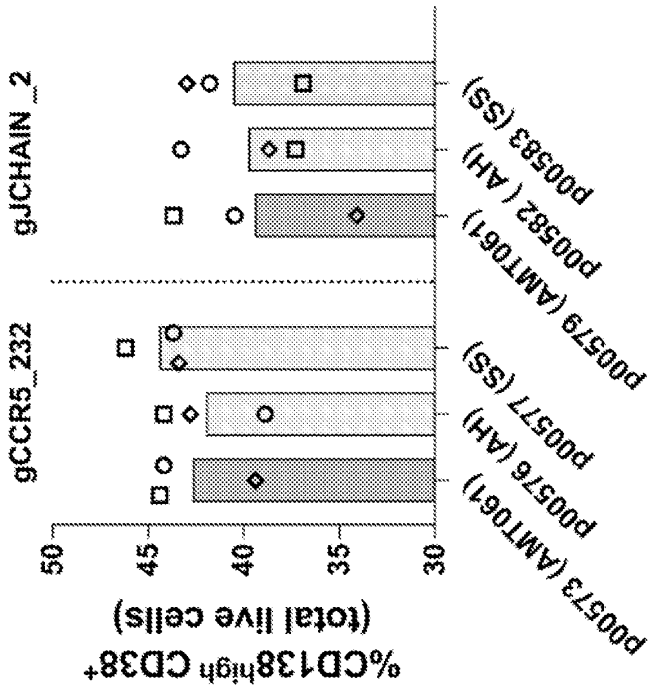


FIG. 5B

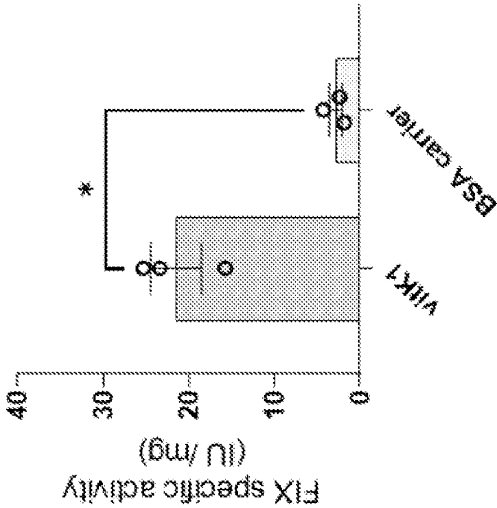


FIG. 6A

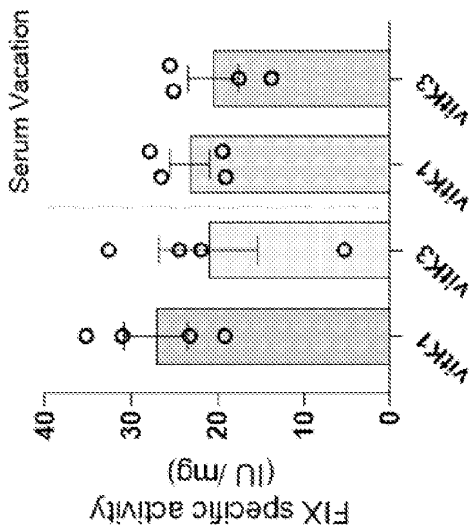


FIG. 6B

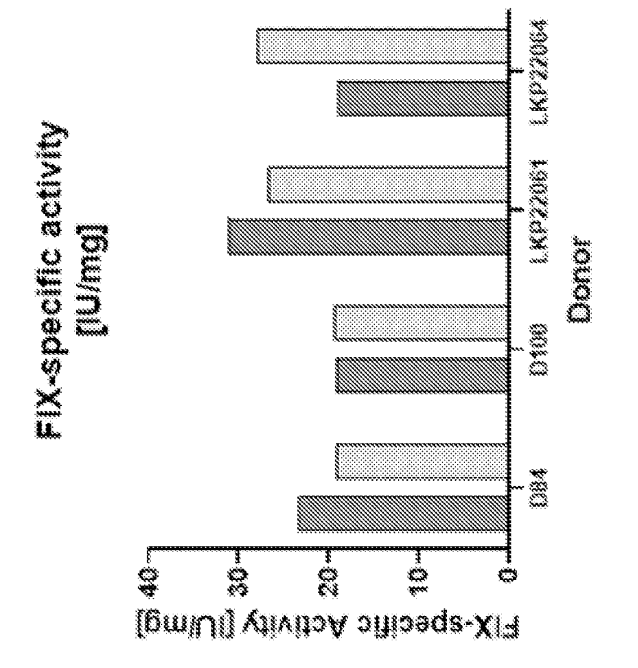


FIG. 6C

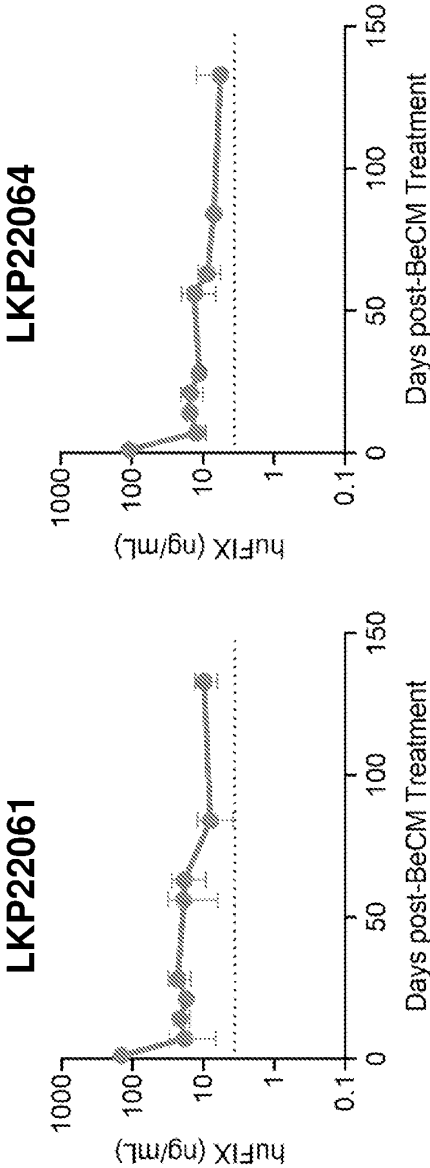


FIG. 7

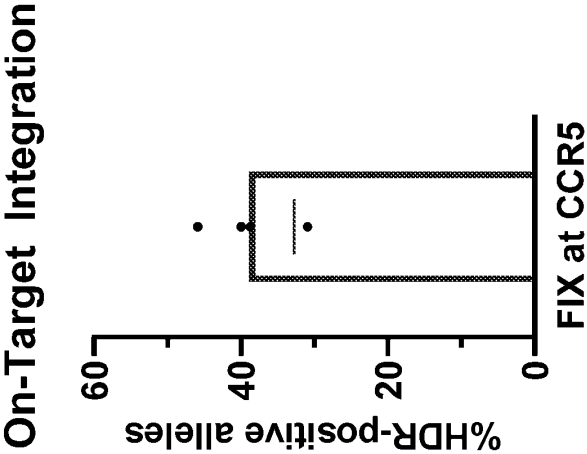


FIG. 8A

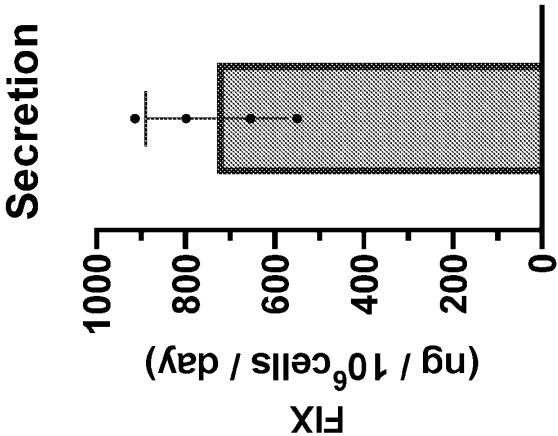


FIG. 8B

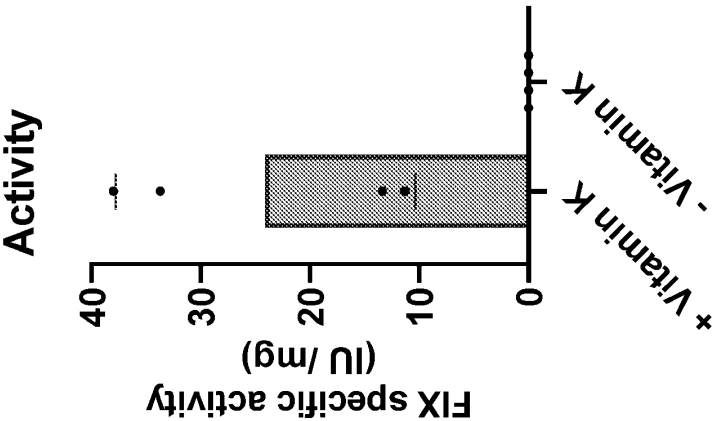


FIG. 8C

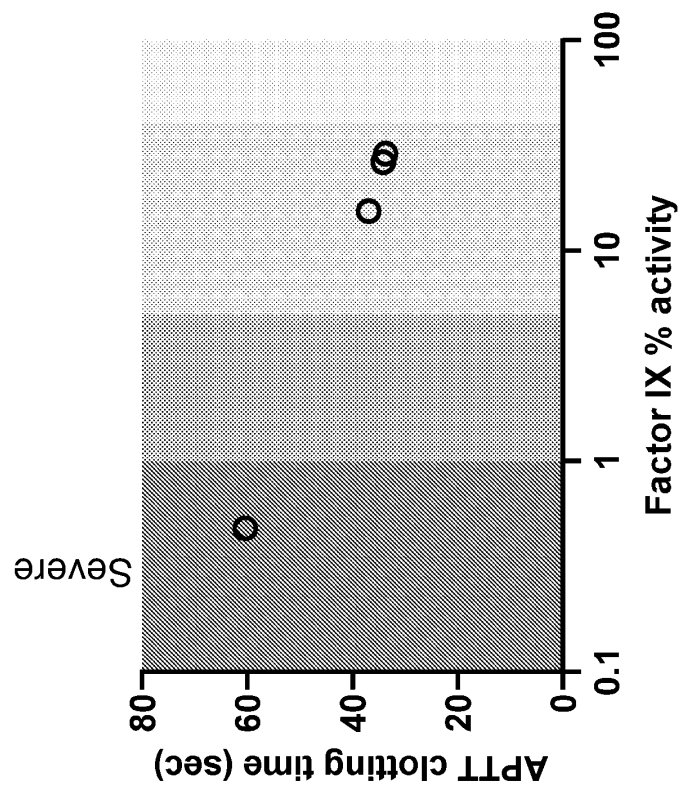


FIG. 8D

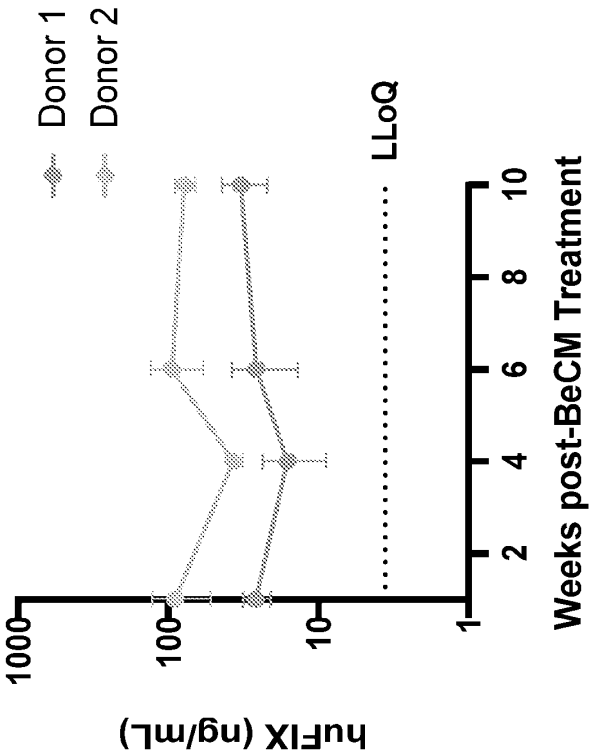


FIG. 9A

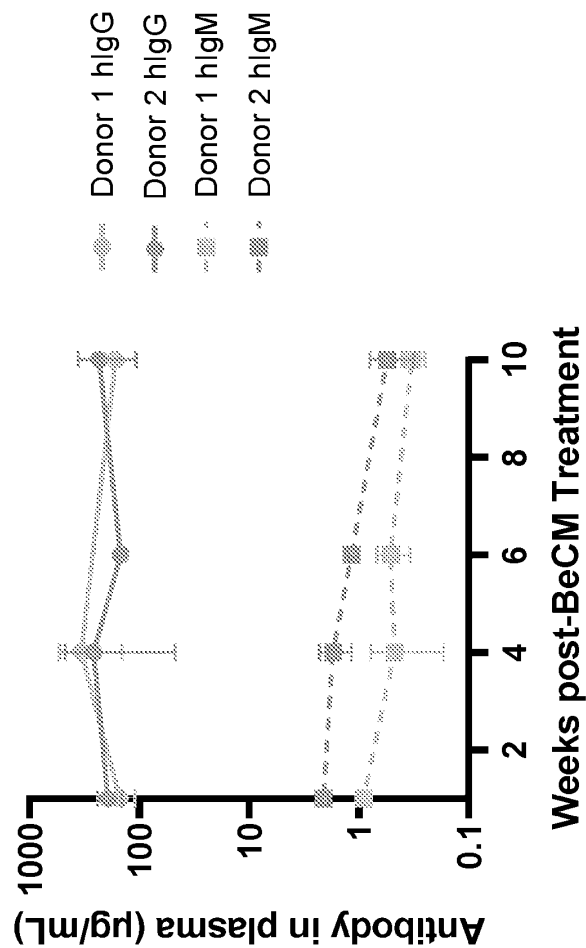


FIG. 9B

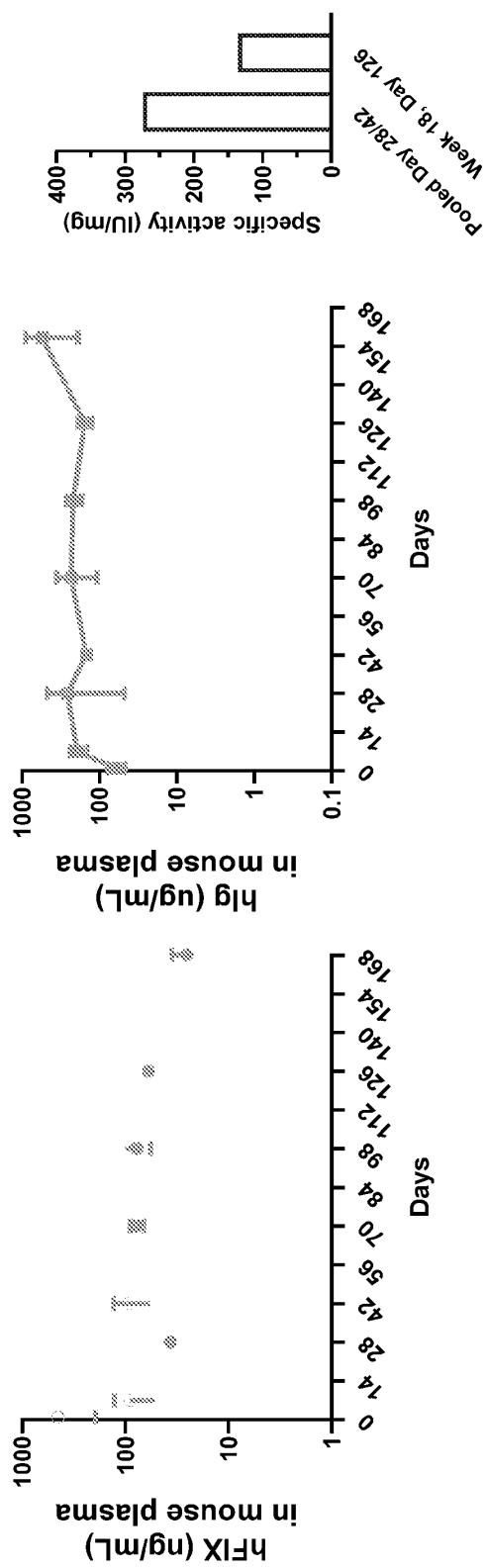


FIG. 10

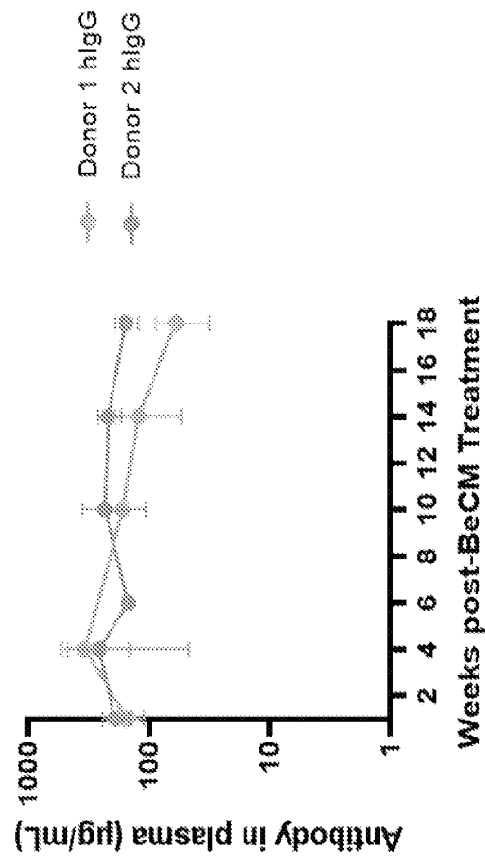


FIG. 11A

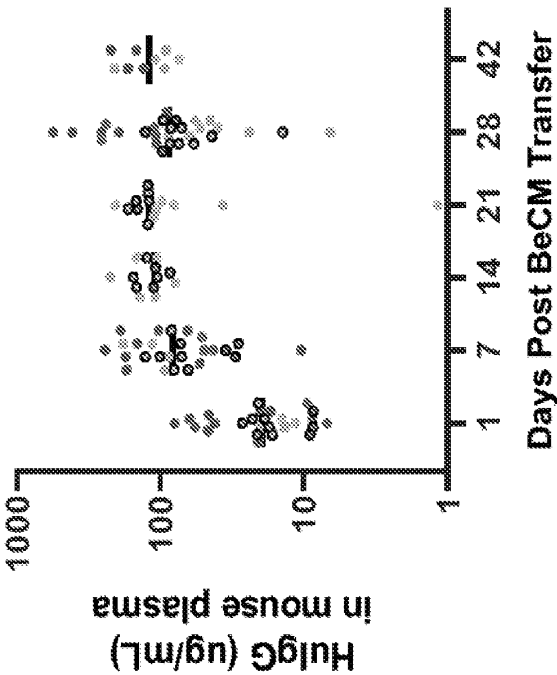


FIG. 11B

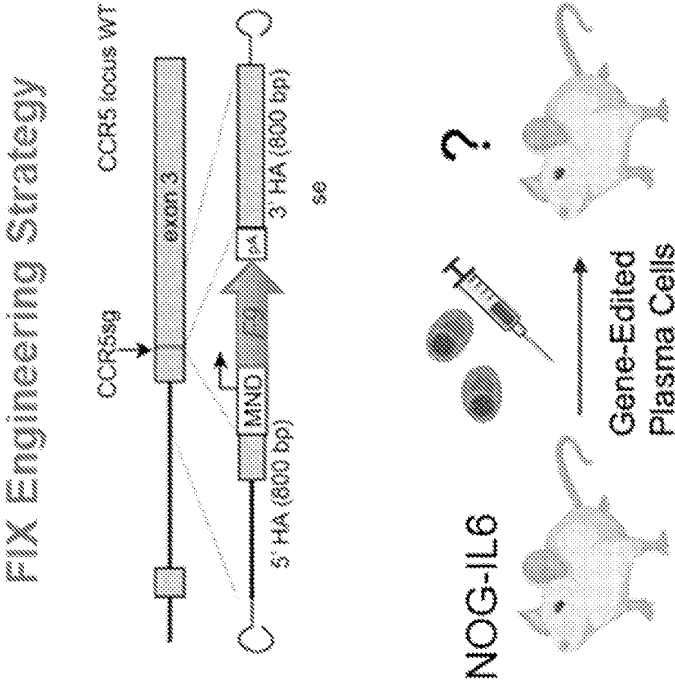


FIG. 12A

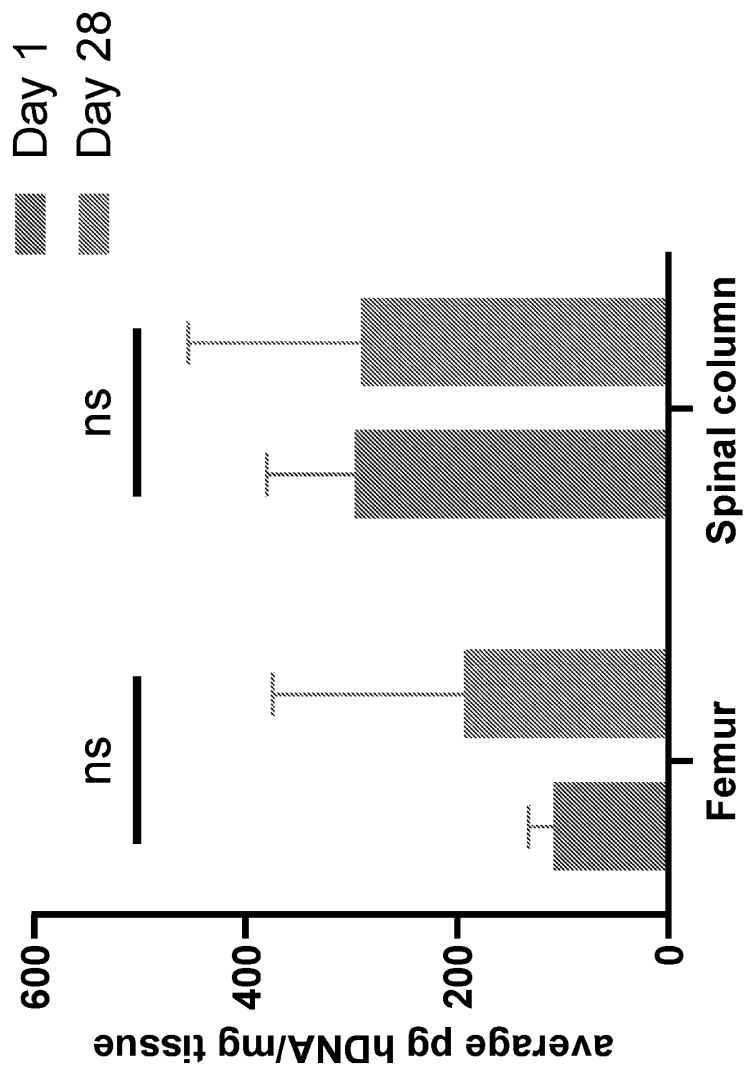


FIG. 12B

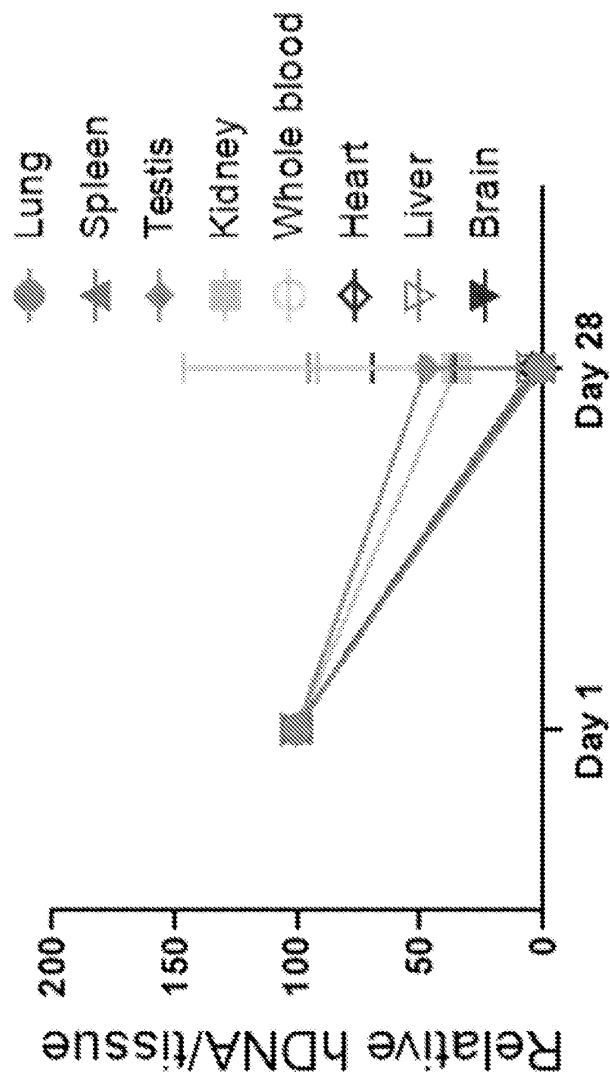


FIG. 12C

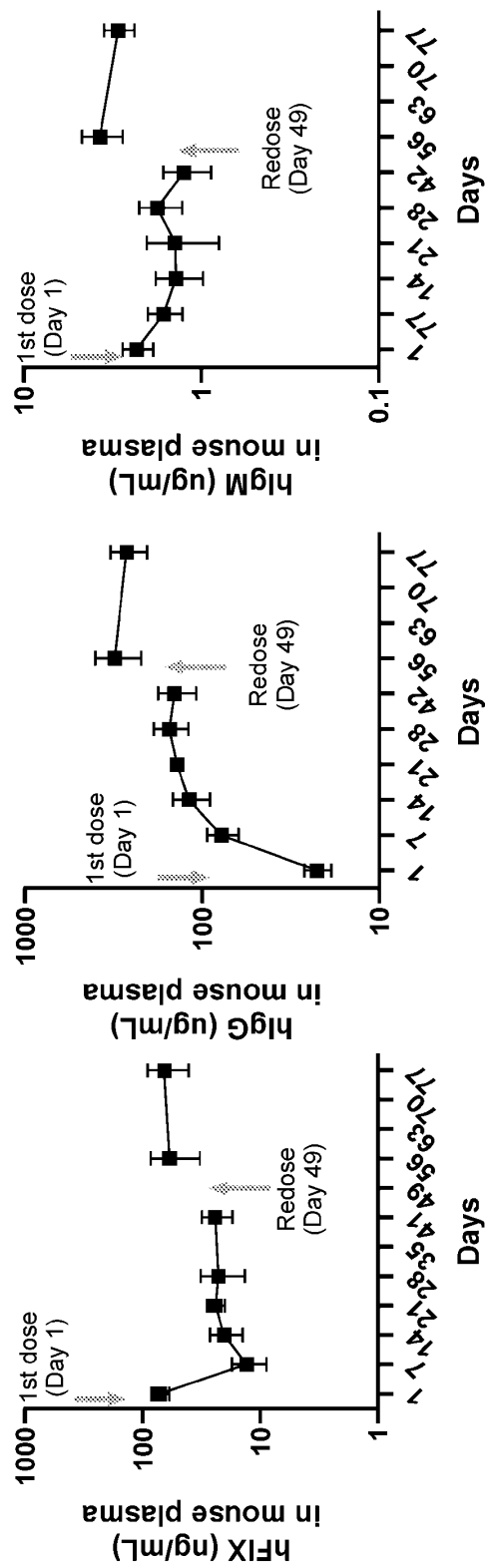


FIG. 13

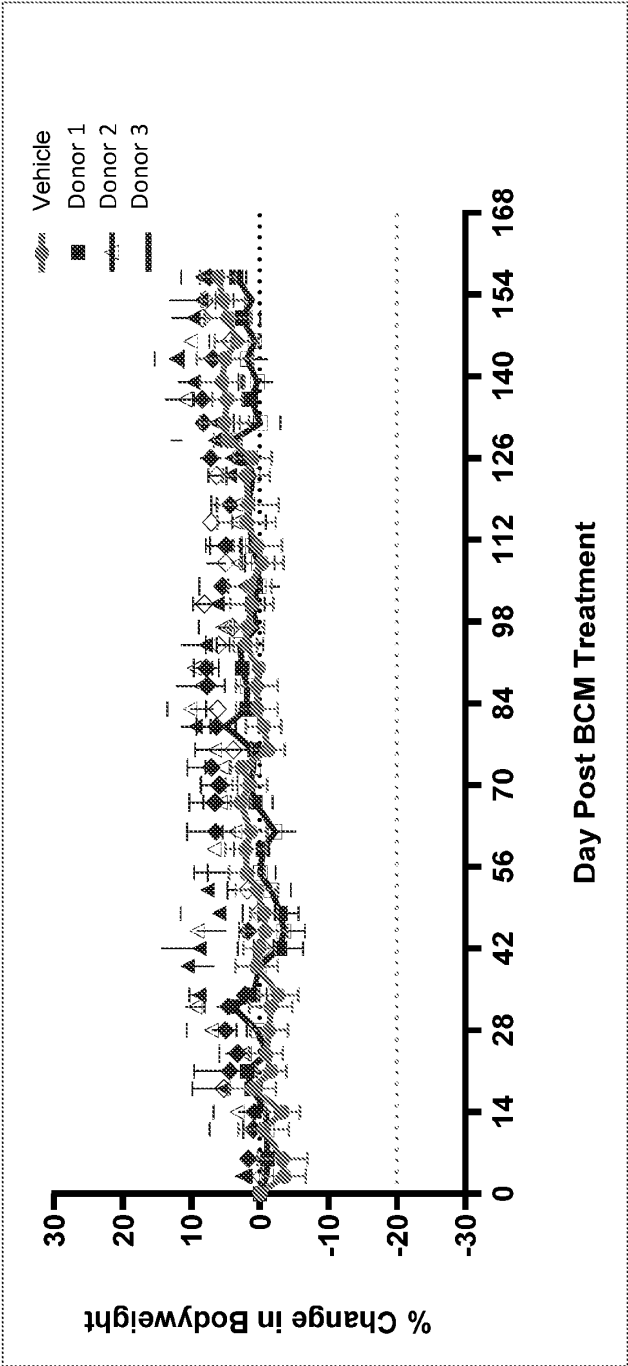


FIG. 14

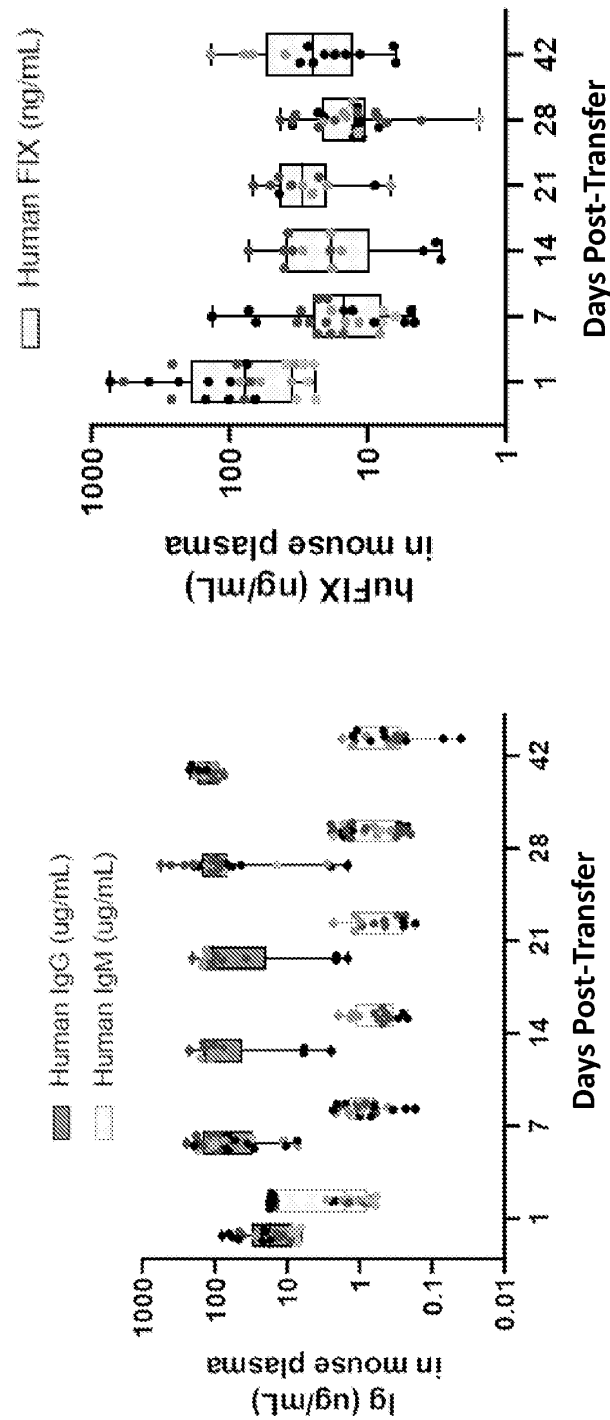


FIG. 15

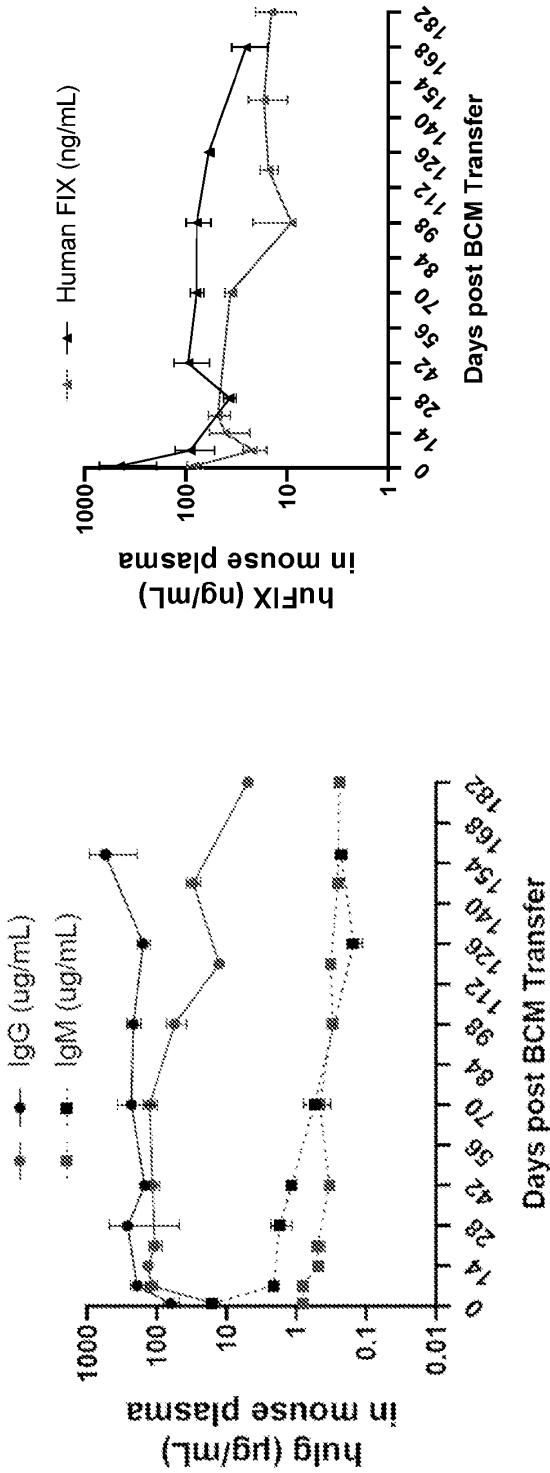


FIG. 16A

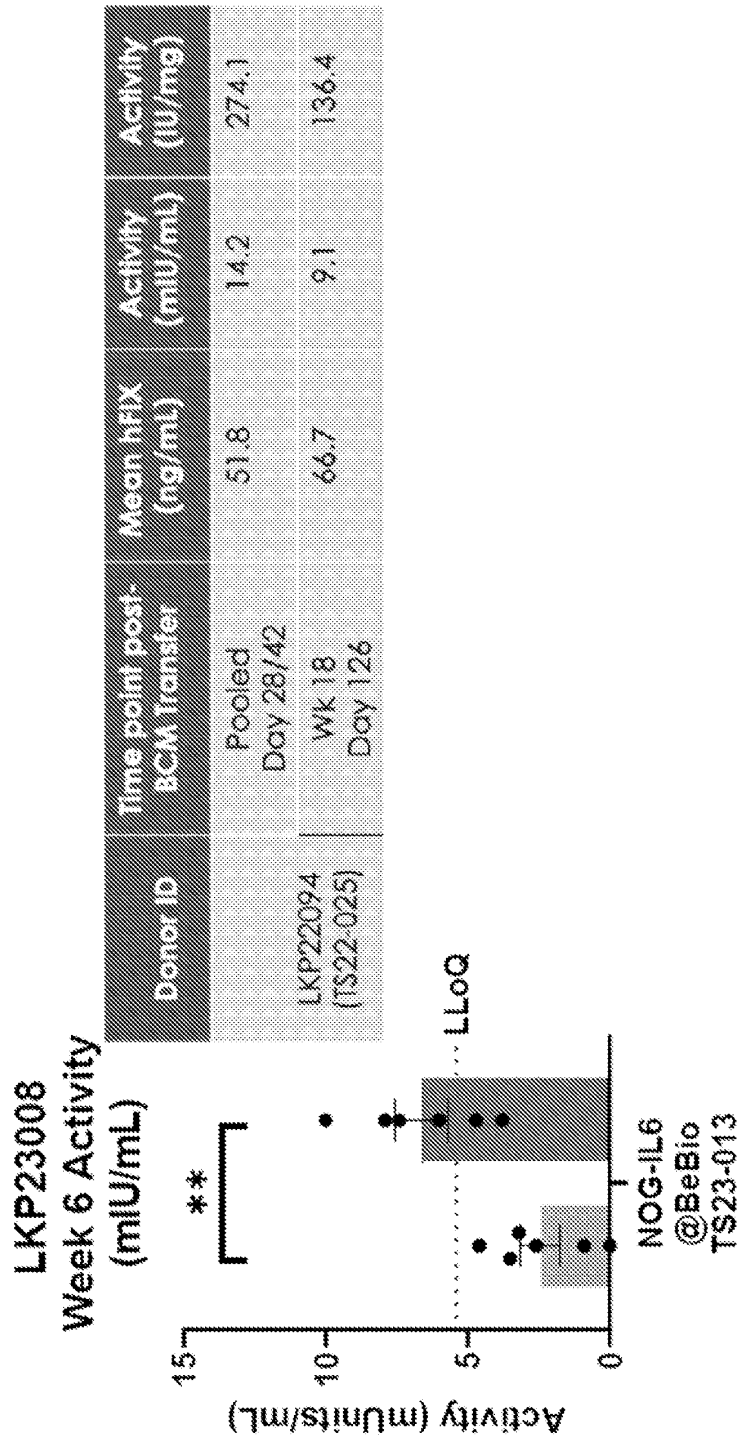


FIG. 16B

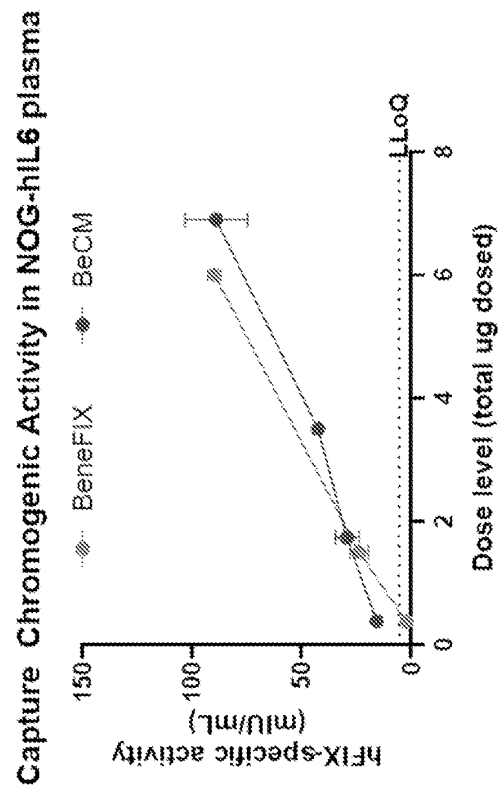


FIG. 17

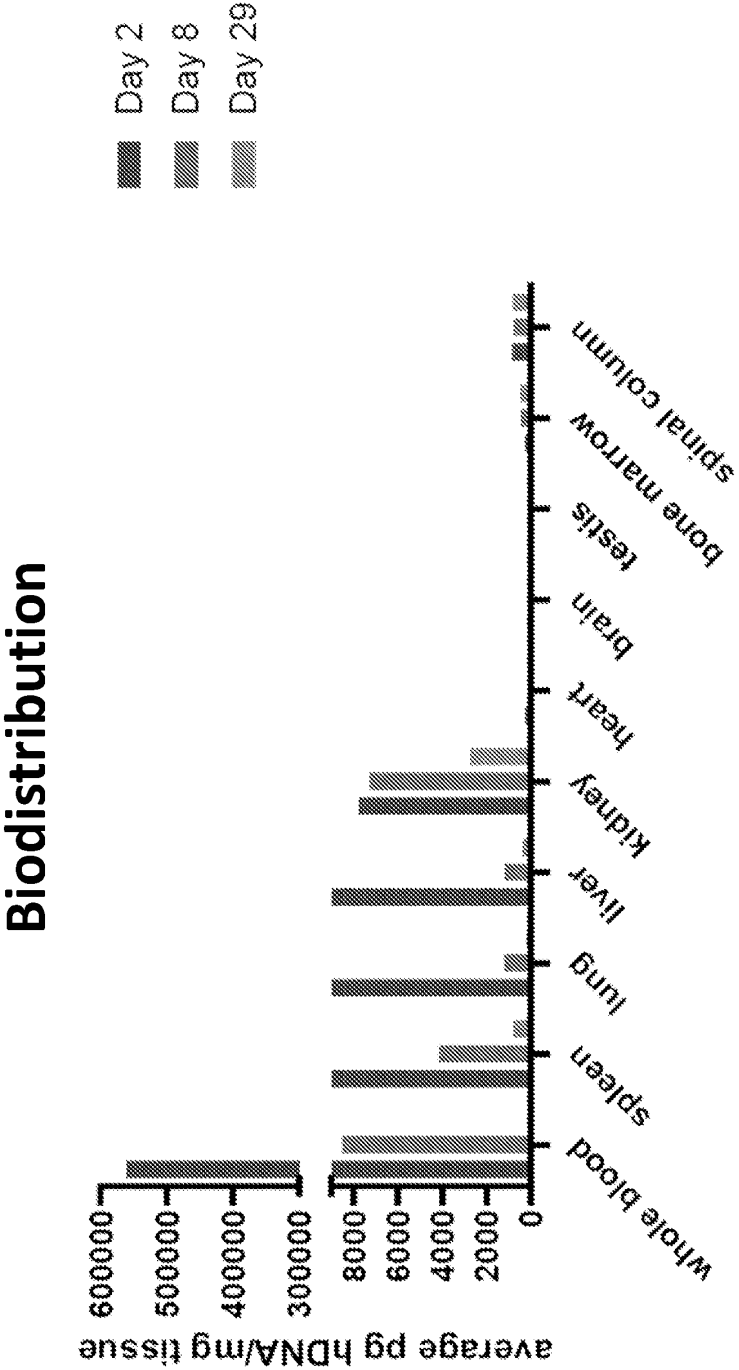


FIG. 18

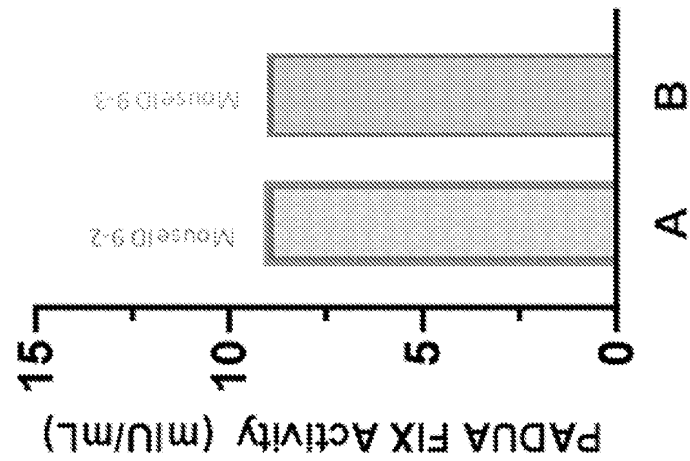


FIG. 19

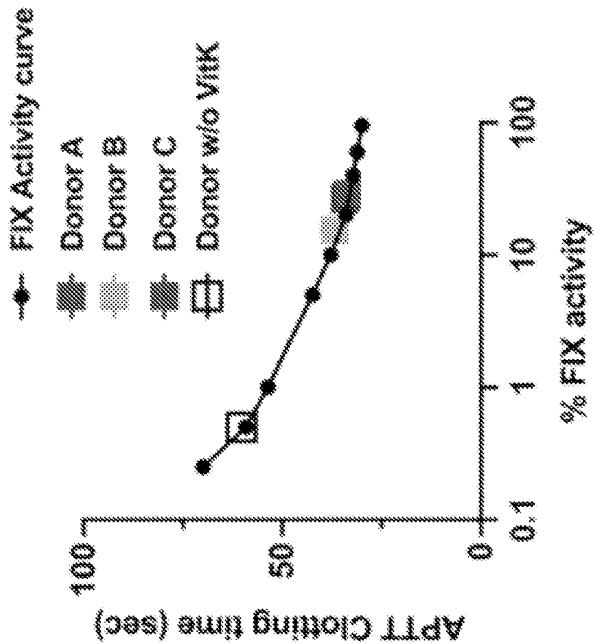


FIG. 20

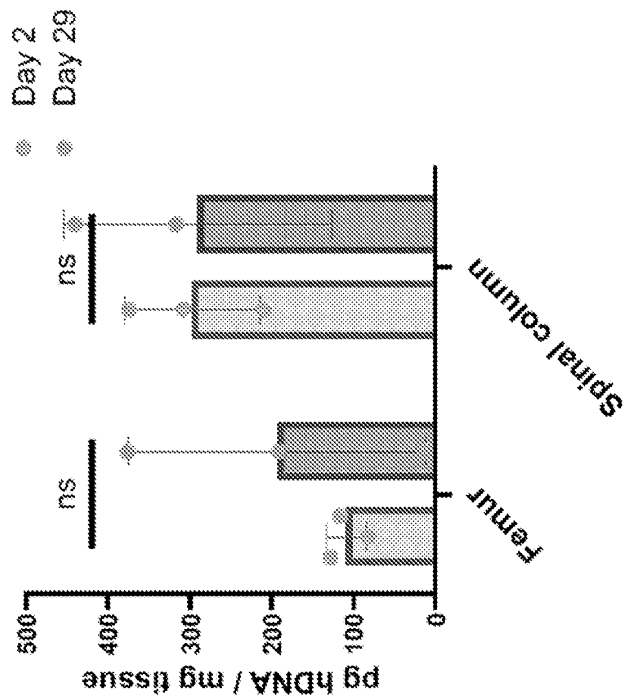


FIG. 21

FIG. 22						
Attribute	Time 0	42 Days	4 Months	6 Months	8 Months	
Viable Cell Concentration (x 10 ⁶ cells/ml)	1.17	1.18	1.5	1.53	1.51	
Mean ± SD	82.4	83.0	88.4	86.8	86.9	
SD ± SD	94.8*	94.9	94.4	94.8	94.7	
SD ± SD	93.6*	96.2	95.6	95.2	95.6	
SD ± SD	86.9*	87.2	85.0	86.2	86.3	
SD ± SD	25.4*				24.0	

FIG. 22

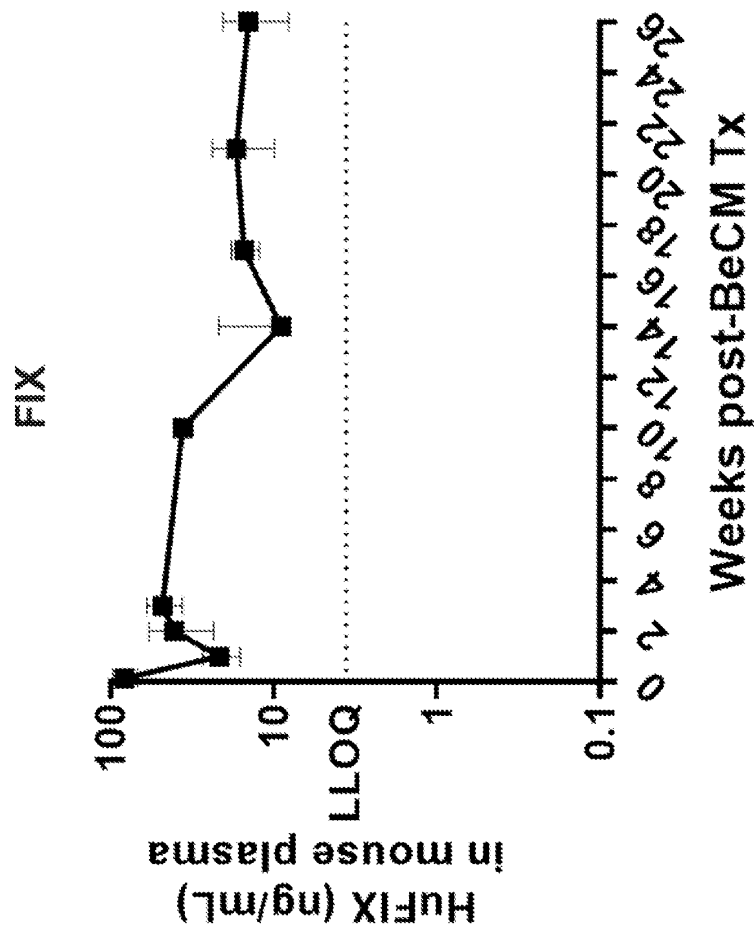


FIG. 23

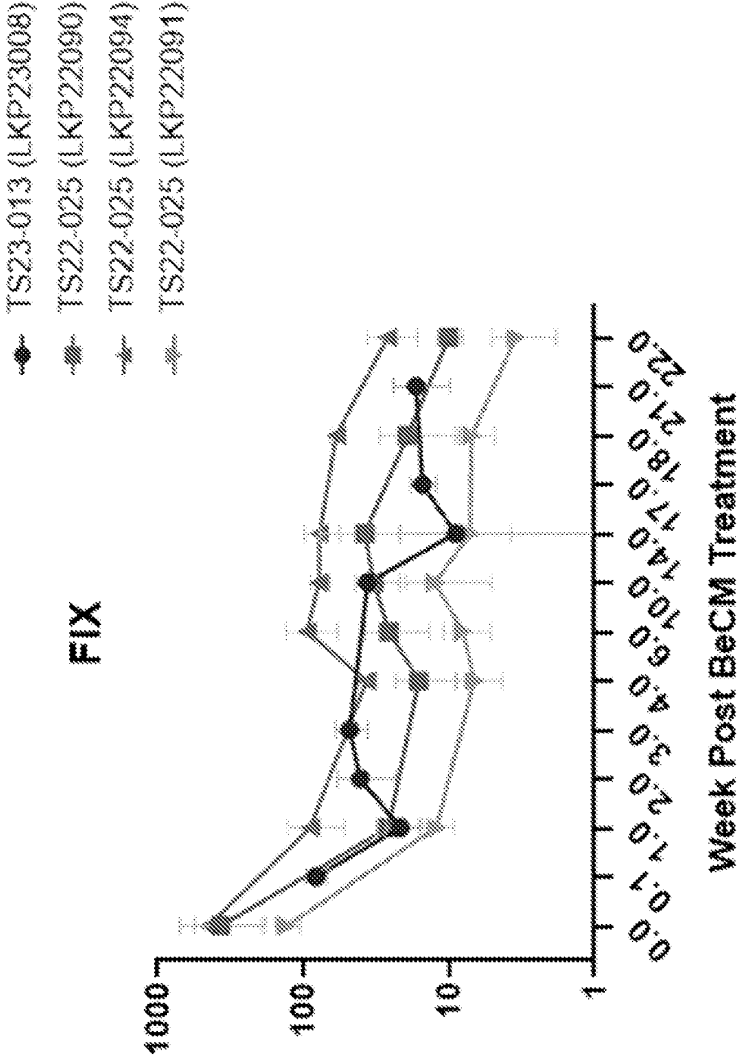


FIG. 24A

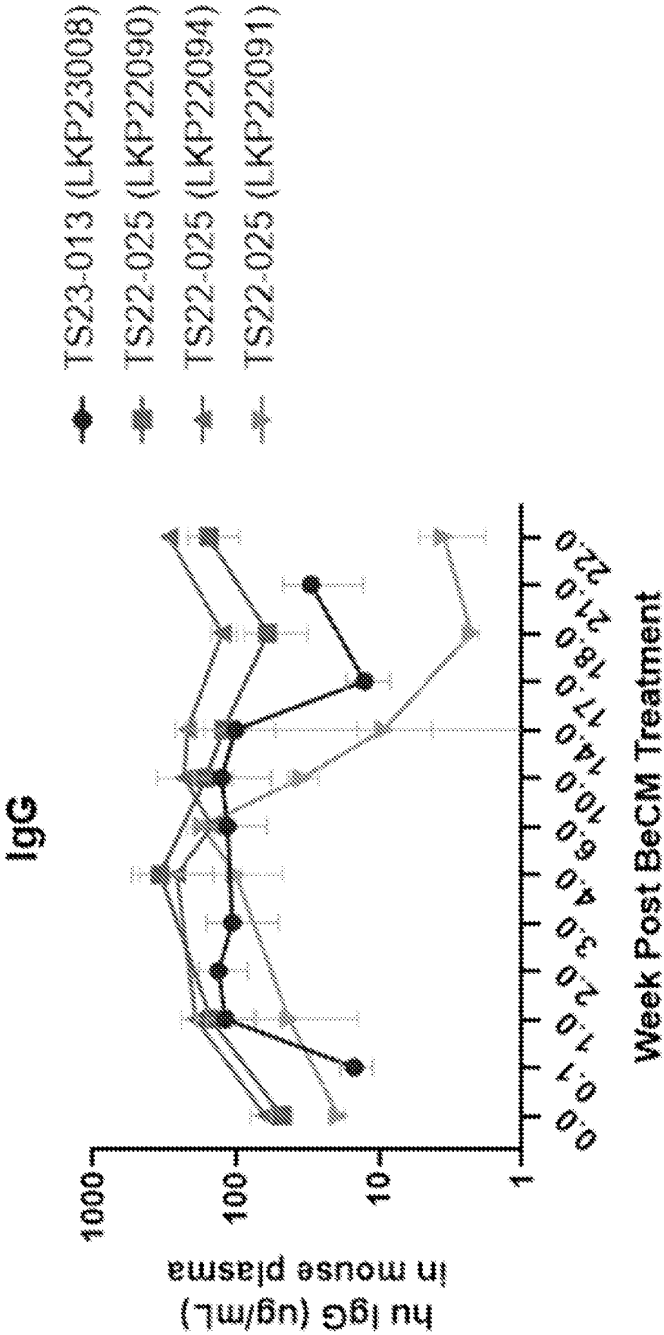


FIG. 24B

TS-2022-100: Supplementation of BE-101 cells BNDG-hIL6 KO (0 mg) (R= Post-re dose)			
BE-101	Mouse	FIX ng/mL	Average ng/mL
Day 7	3-1	12.282	7.587
	3-2	5.197	
	3-3	5.281	
Day 21 (before redose)	3-1	29.198	17.730
	3-2	13.077	
	3-3	10.916	
Day 28 (7 days post redose)	3-1	54.730	35.187
	3-2	27.416	
	3-3	23.414	
Day 42 (21 days post redose)	3-1	84.101	57.931
	3-2	39.362	
	3-3	50.330	
Day 49 (28 days post redose)	3-1	40.469	27.452
	3-2	17.619	
	3-3	24.268	
Day 63 (42 days post redose) Sodium Citrate Plasma	3-1	53.731	33.814
	3-2	19.263	
	3-3	28.447	

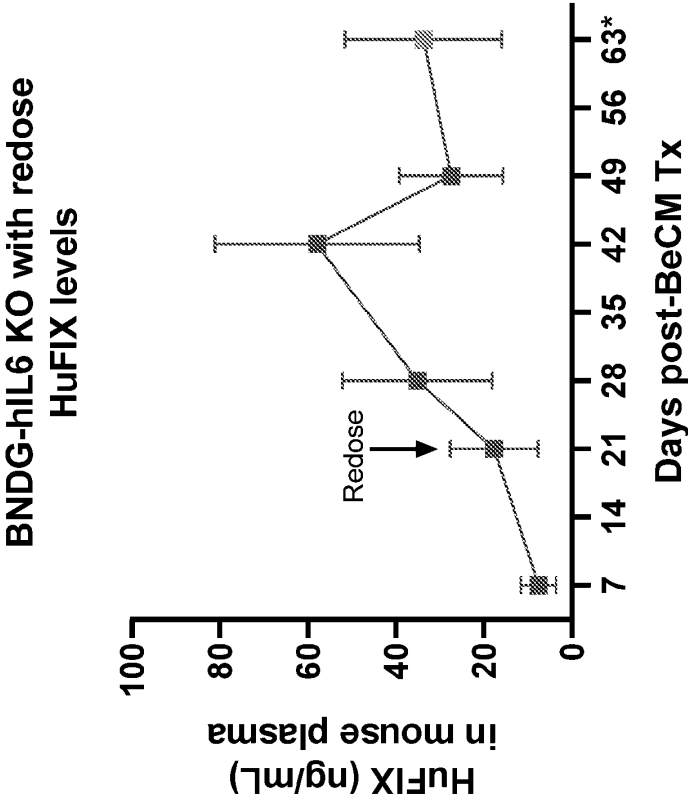


FIG. 25A

BNDG-hiL6 KO mice (Re-Dose on Day 21)			
BE-101	Mouse	IgG ug/mL	IgM ug/mL
Day 7	3-1	26.55	2.53
	3-2	11.99	1.43
	3-3	9.25	1.48
	Average	15.80	1.81
Day 21 (before redose)	3-1	31.99	1.22
	3-2	5.90	0.523
	3-3	7.20	0.632
	Average	15.03	0.789
Day 28 (7 days post redose)	3-1	81.95	2.99
	3-2	50.48	2.05
	3-3	36.29	1.82
	Average	56.24	2.29
Day 42 (21 days post redose)	3-1	79.54	2.32
	3-2	31.09	1.40
	3-3	51.17	1.85
	Average	53.93	1.86
Day 49 (28 days post redose)	3-1	94.90	1.99
	3-2	34.01	1.04
	3-3	60.71	1.48
	Average	63.21	1.51
Day 63 (42 days post redose) Sodium Citrated Plasma	3-1	87.4	1.23
	3-2	17.3	0.479
	3-3	45.4	0.818
	Average	50.1	0.841

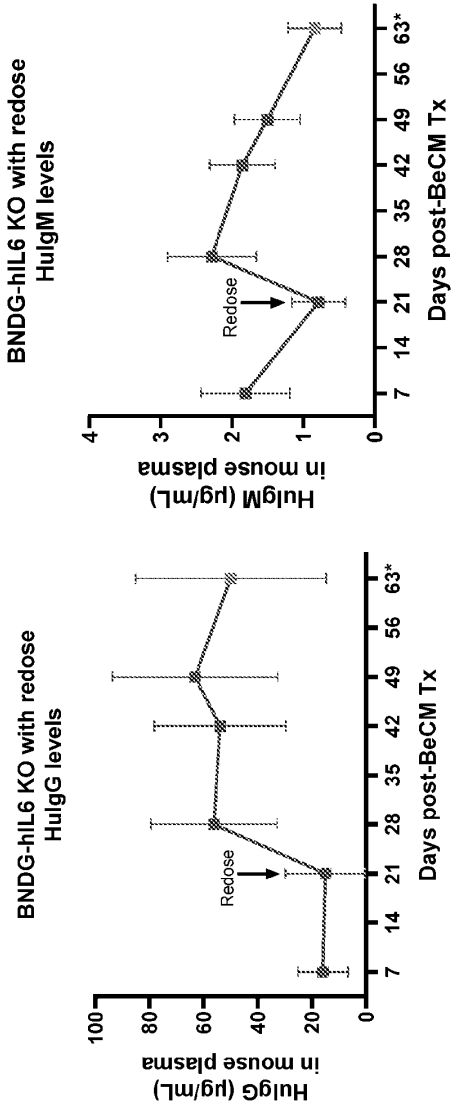


FIG. 25B