

Figure 1

		1	50
Human (TNR9_HUMAN)	(1)	-----MGNSCYNIVATLLLVLNFERTRSLQDPCSNCPAGTFCDDNRNQIC	
Elephant (XP_003413533)	(1)	MQDFIMGN C YYN M VATV L LV M NFERTGAV Q DS C R D CLAGTY C V K N E S Q IC	
Wild Boar (XP_005665023)	(1)	MQDFIMGN C YYNIVATV L LV M NFERTRS V PDPCSNC S AGTFC G KNI Q ELC	
		51	100
Human (TNR9_HUMAN)	(46)	SPCPPNSFSSAGGQRTCDICRQCKGVFRTRKECSSTSNAECDCTPGFHCL	
Elephant (XP_003413533)	(51)	SPCPLNSFSS T GGQ M NC D MCR K CEGV F K T KRAC S ET R DAEC E CV S GFHCL	
Wild Boar (XP_005665023)	(51)	MPCPS N SFSS T SG Q K A CNV C RK C EGV F RT K KECSSTSNAVC E CV P GF R CL	
		101	150
Human (TNR9_HUMAN)	(96)	GAGCSMCEQDCKQGQELTKKGCKDCCFGTFNDQKRGICRPWTNCSLDGKS	
Elephant (XP_003413533)	(101)	GAGCT M C Q QDCKQGQELTK E GCKDC C LGT F NDQ R NGICRPWTNC S L E GKS	
Wild Boar (XP_005665023)	(101)	GAGCA M CE E Y C Q Q GQELT Q E G CKDC S FGTFND E EH G VCRPWT D CSLAG K E	
		151	200
Human (TNR9_HUMAN)	(146)	VLVNGTKERDVVCGPSPADLSPGASSVTPPAPAREPGHSPQIISFFLALT	
Elephant (XP_003413533)	(151)	VLANGTK R K R DVVCGP E AADS F PD T SSVTVPAPER K PD H HPQII I FFLALI	
Wild Boar (XP_005665023)	(151)	VLVNGTKARDVVCGPRP T D S PG T ST T MEV P EGEPGH T SHV I IFFLALM	
		201	250
Human (TNR9_HUMAN)	(196)	STALLFLFFLTLRFSVVKRGKKLLYIFKQPFMRPVQTTQEEDGCSCRF	
Elephant (XP_003413533)	(201)	S A ALLFL V FFLV V RF S VAKWGRKKLLYIFKQPF I KPVQT A QEEDGCSCRF	
Wild Boar (XP_005665023)	(201)	STA V EV L MS V L L LRFSVV Q QGRKKLLYIVKQPF L KPA Q TVQEED A CSCRF	
		251	
Human (TNR9_HUMAN)	(246)	PEEEEGGCEL	
Elephant (XP_003413533)	(251)	PEEEEG E CEL	
Wild Boar (XP_005665023)	(251)	PEEEEGECEL	

Figure 2

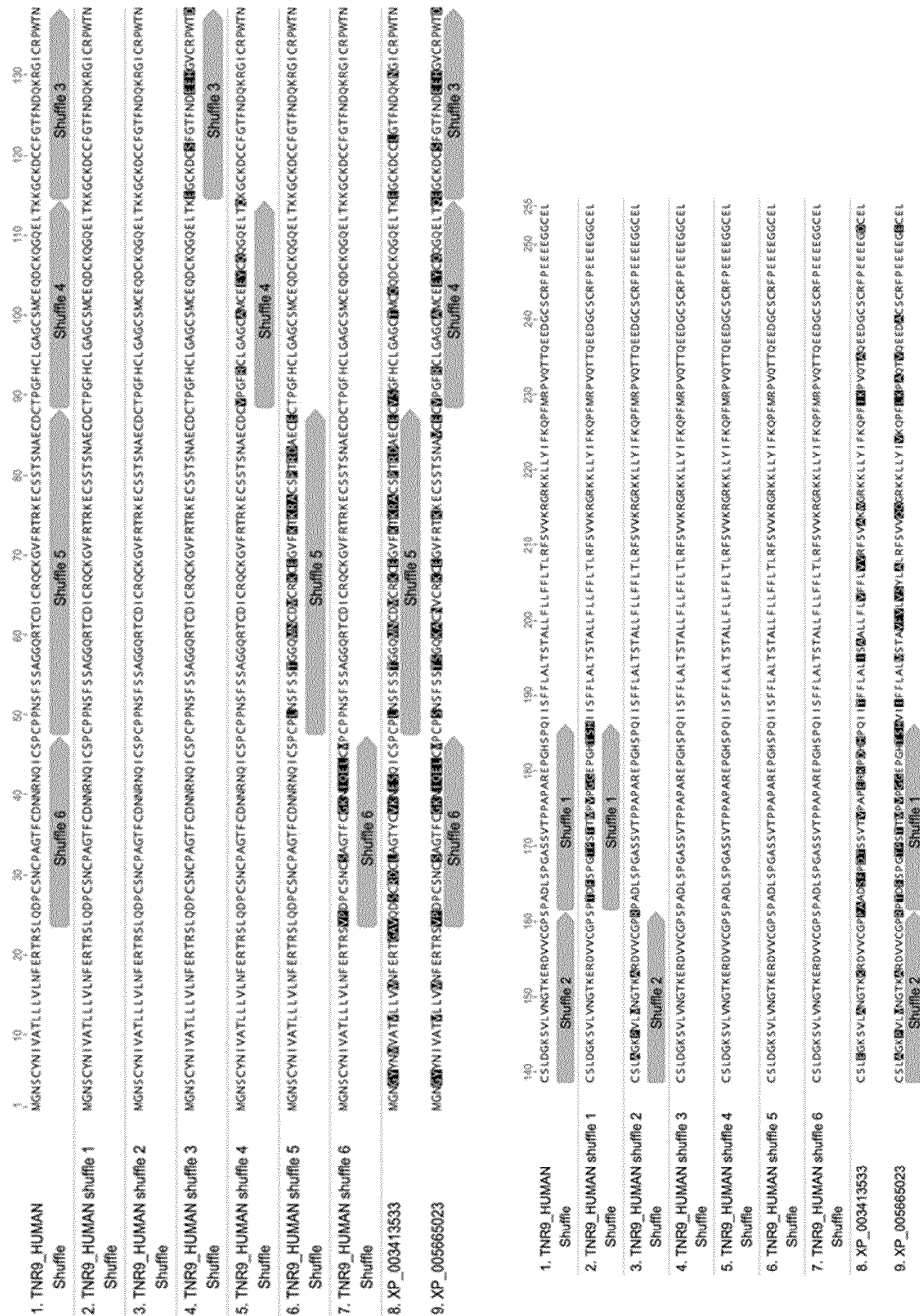


Figure 3

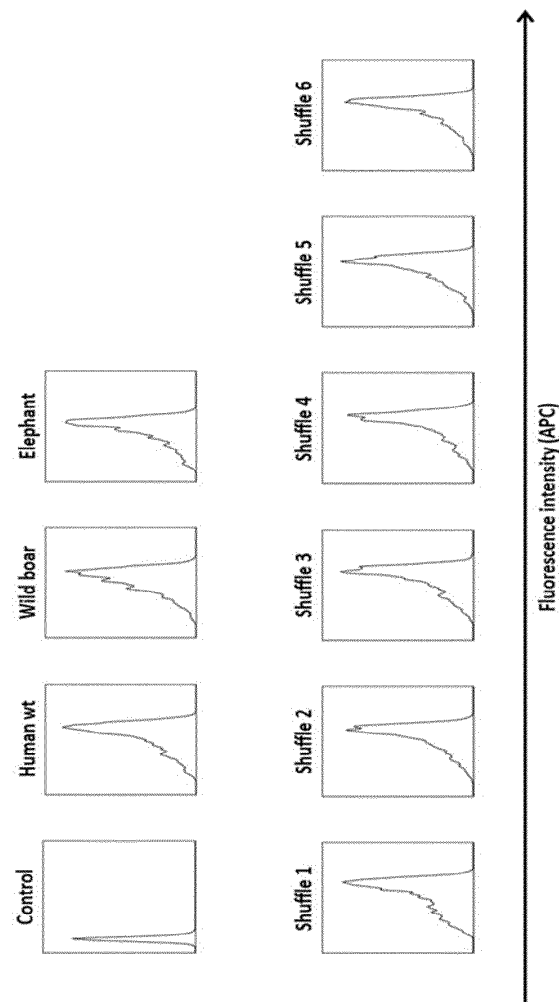
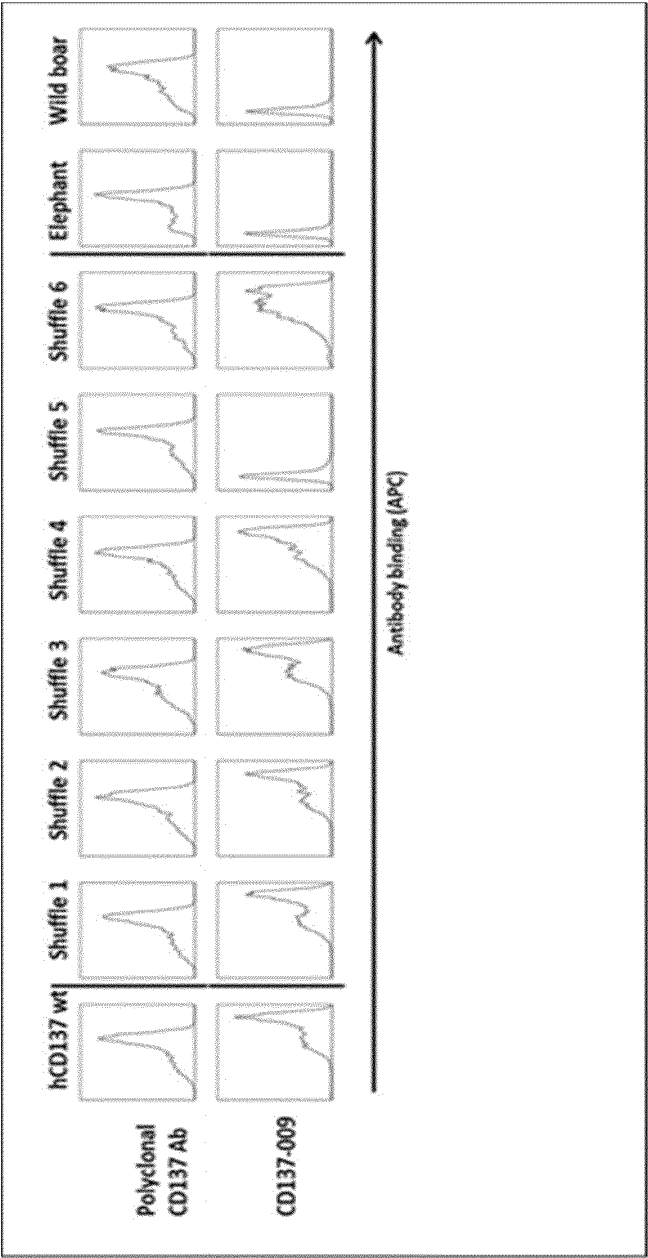
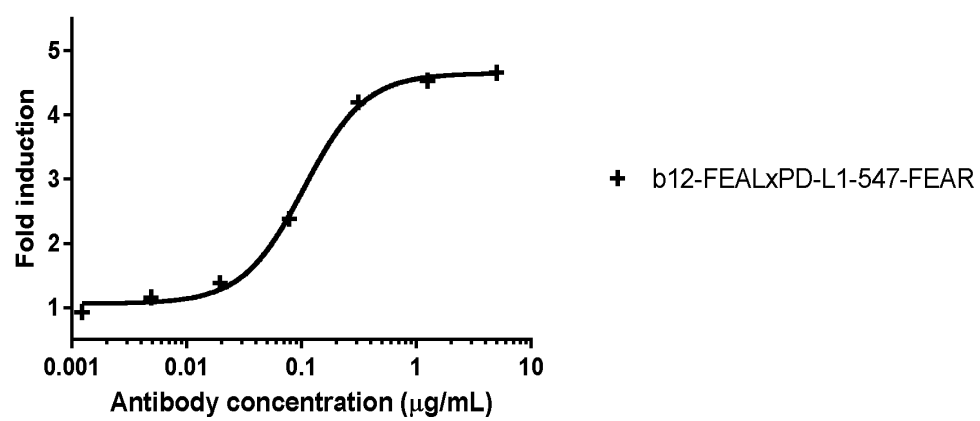


Figure 4



5/22

Figure 5

6/22

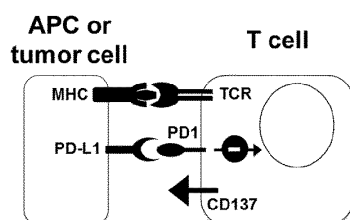
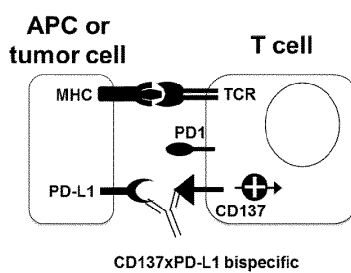
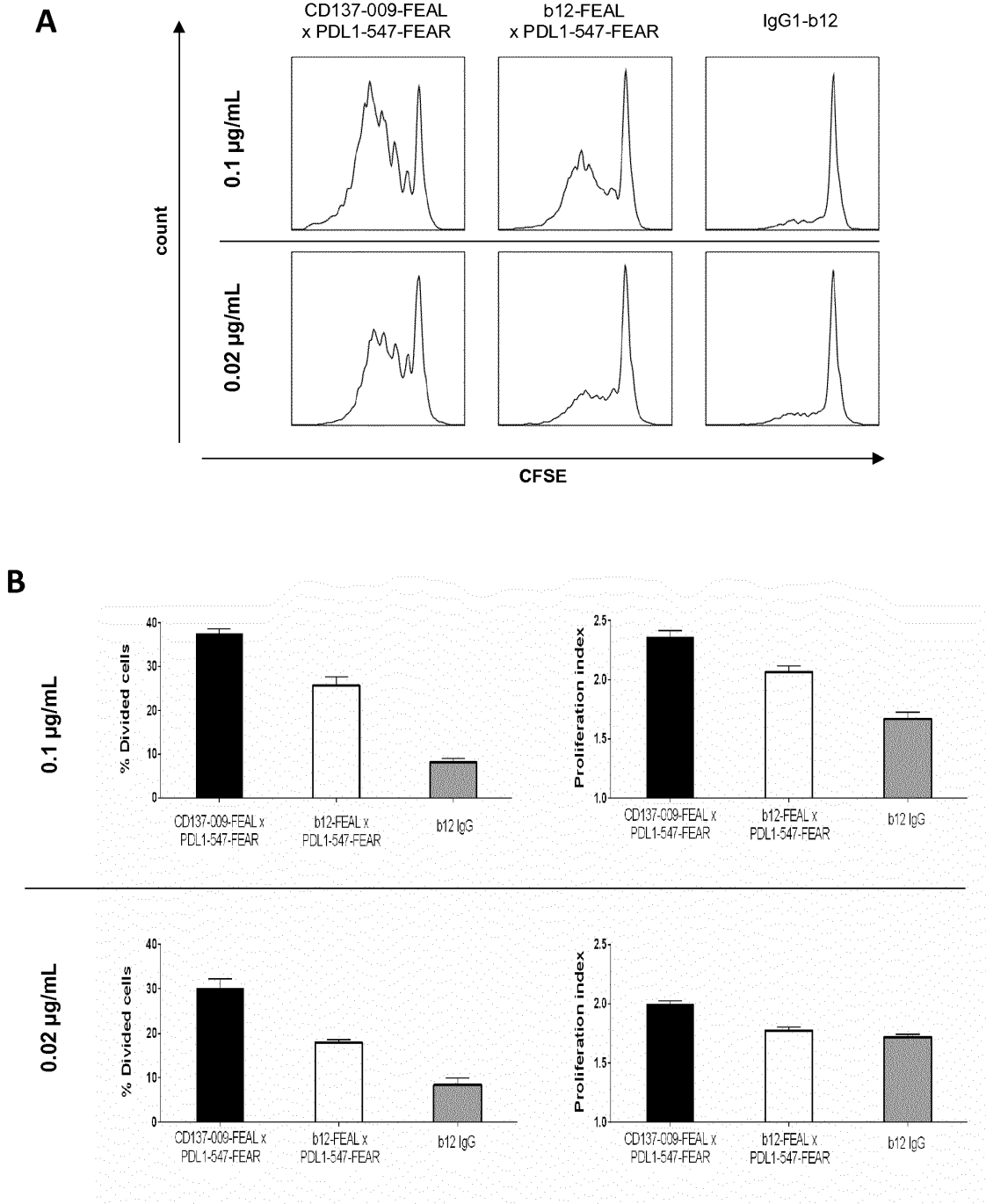
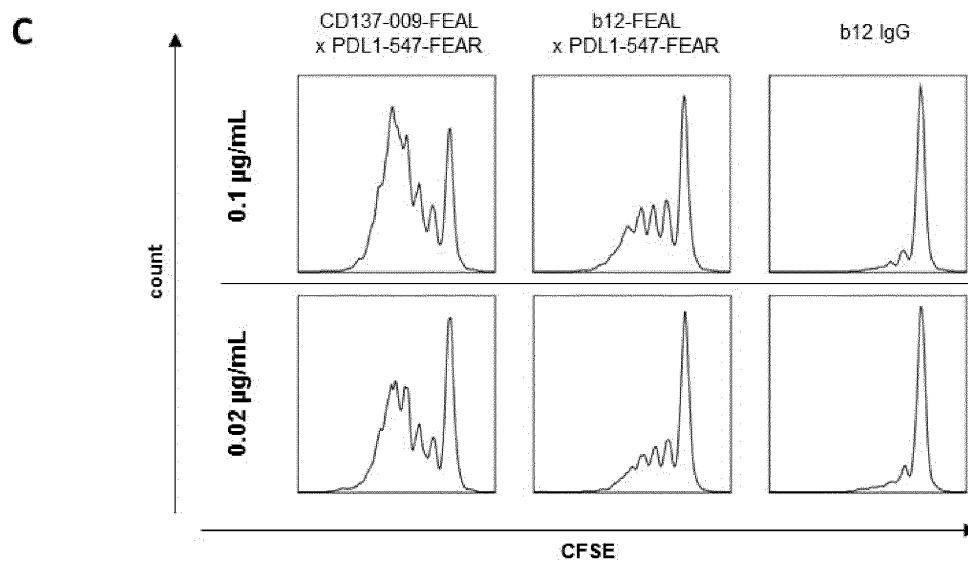
Figure 6**A. PD1-mediated T cell inhibition****B. PD-L1-blockade + T cell co-stimulation**

Figure 7

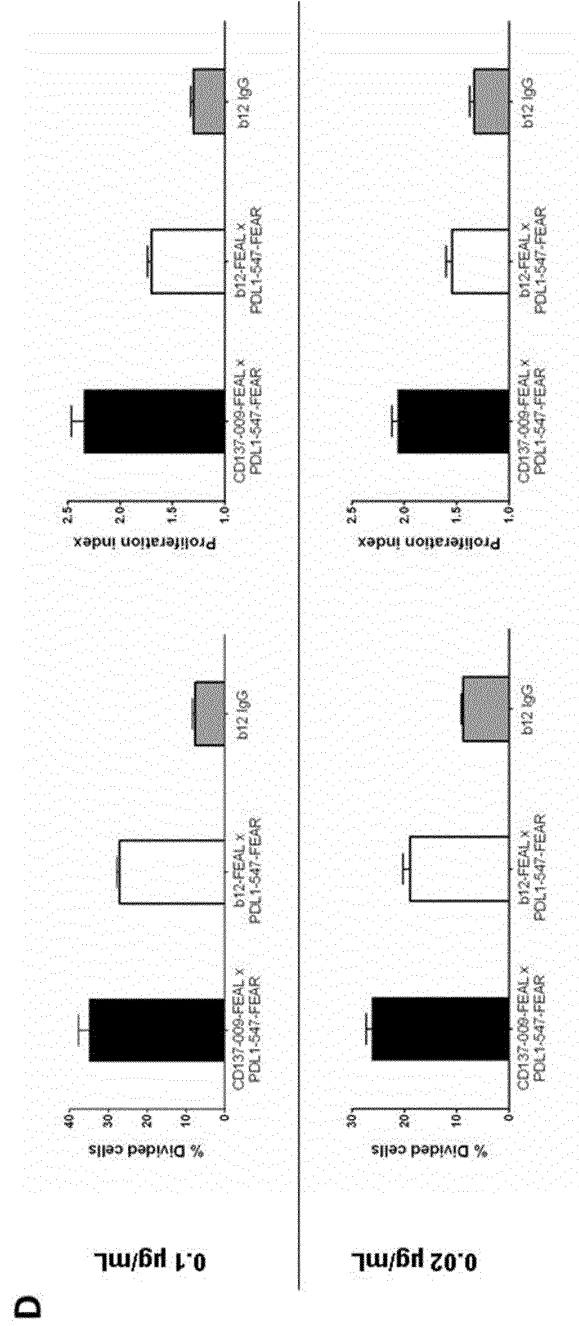


8/22

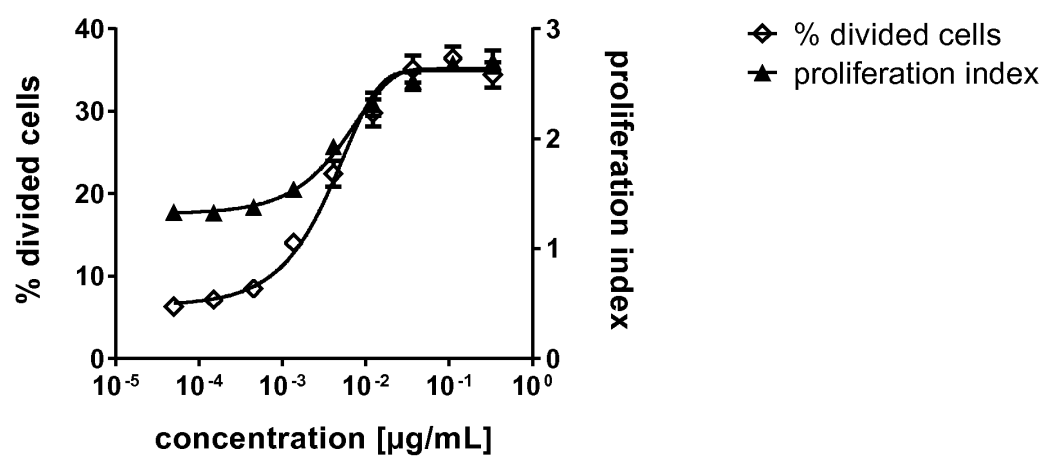
Figure 7 continued

9/22

Figure 7 continued



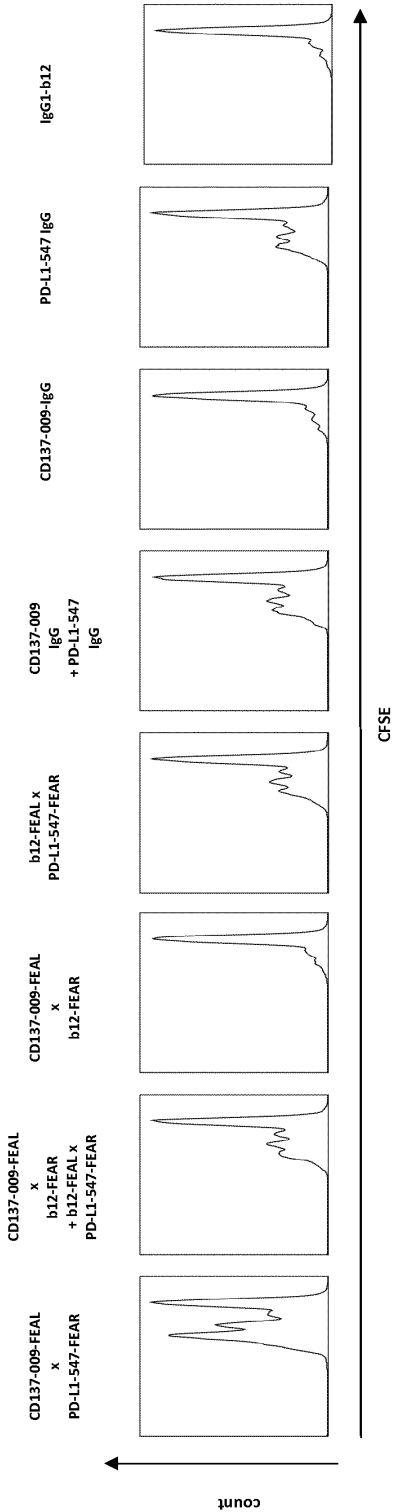
10/22

Figure 8

	% Divided cells	Proliferation index
EC ₅₀	0.003492 $\mu\text{g/mL}$	0.005388 $\mu\text{g/mL}$

Figure 9

A



12/22

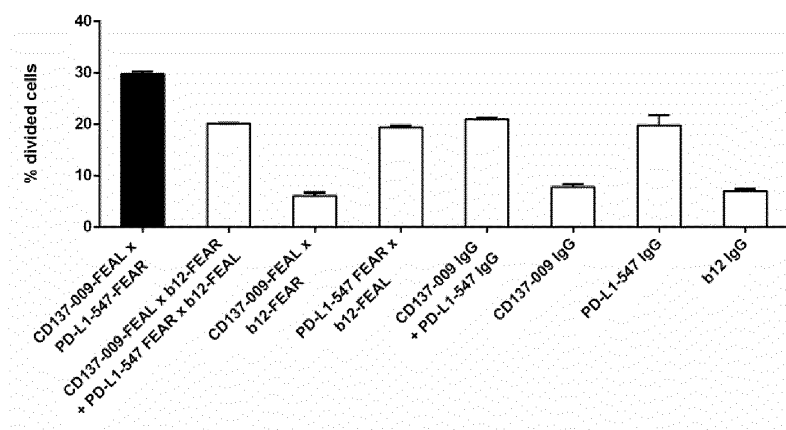
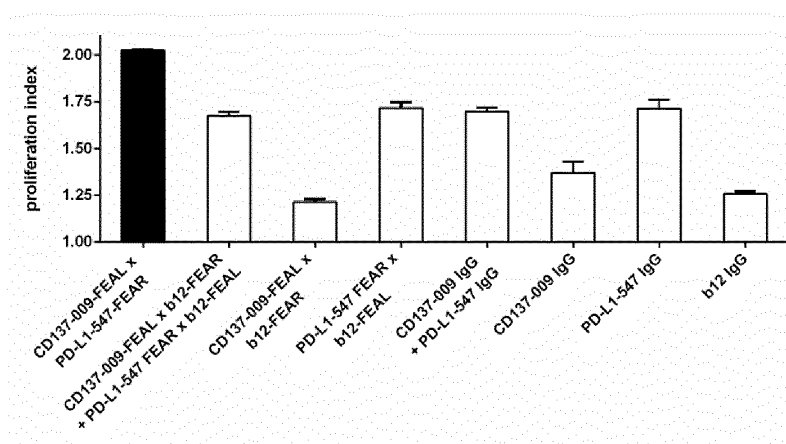
Figure 9 continued**B****C**

Figure 10

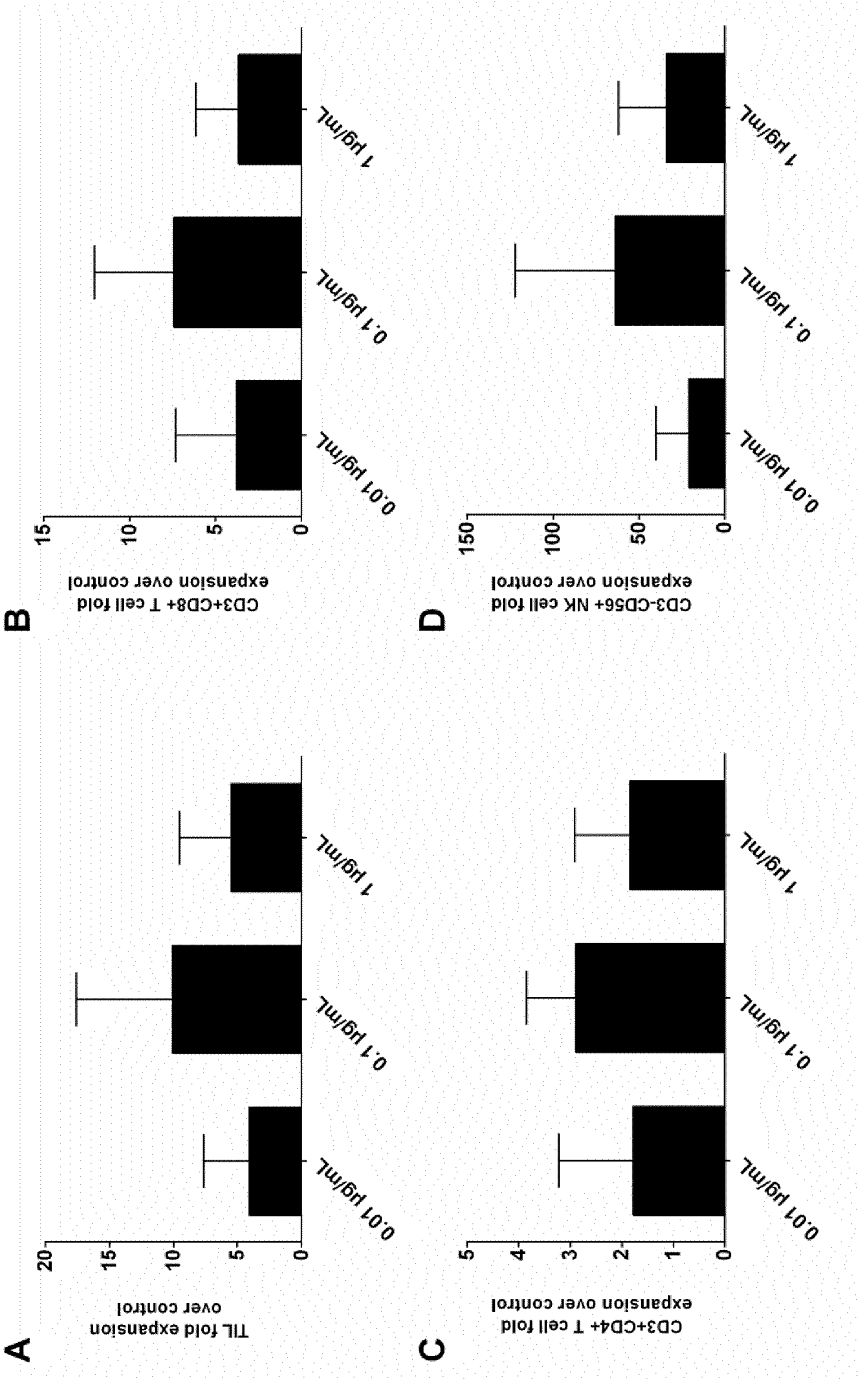


Figure 11

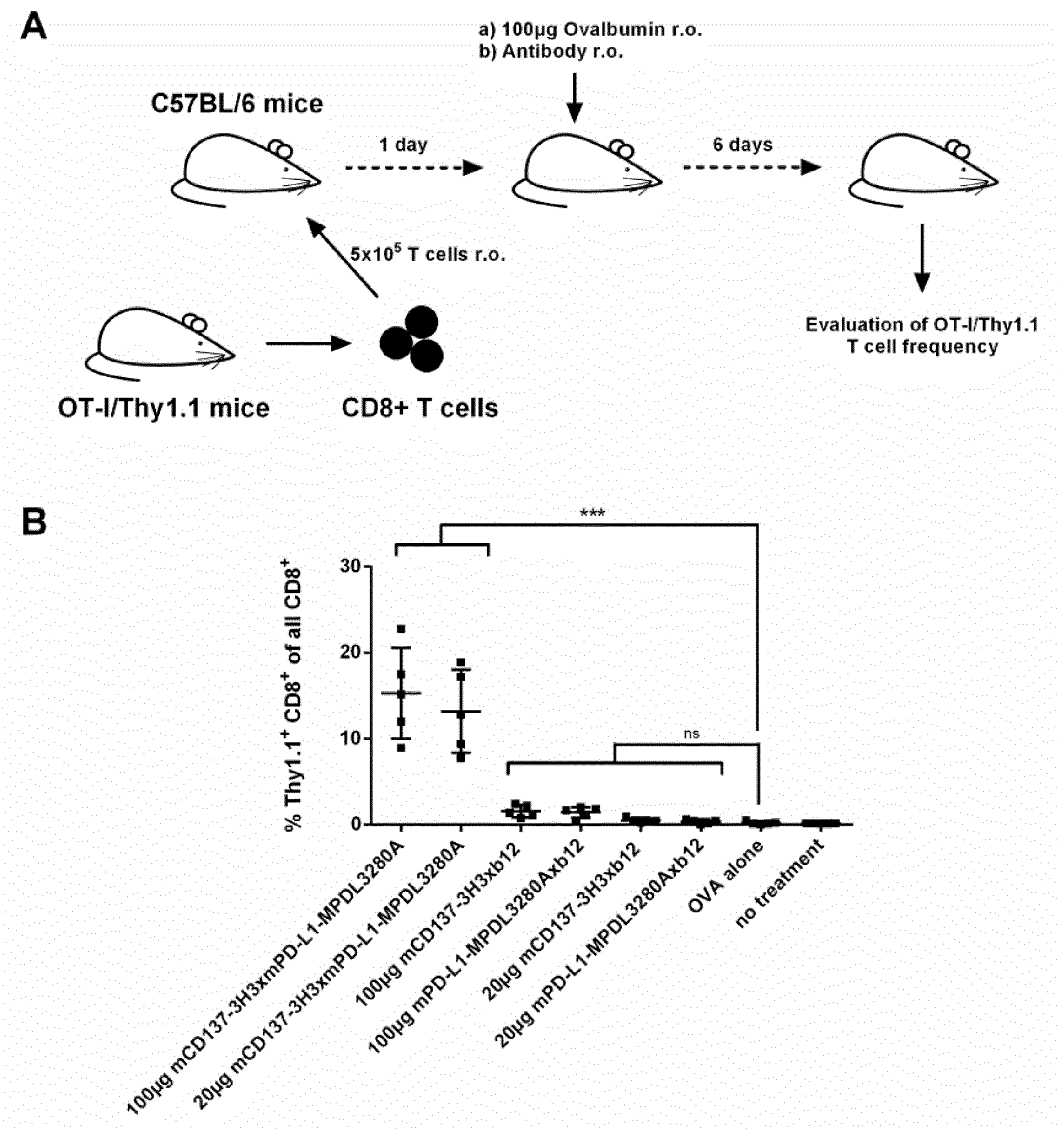


Figure 12

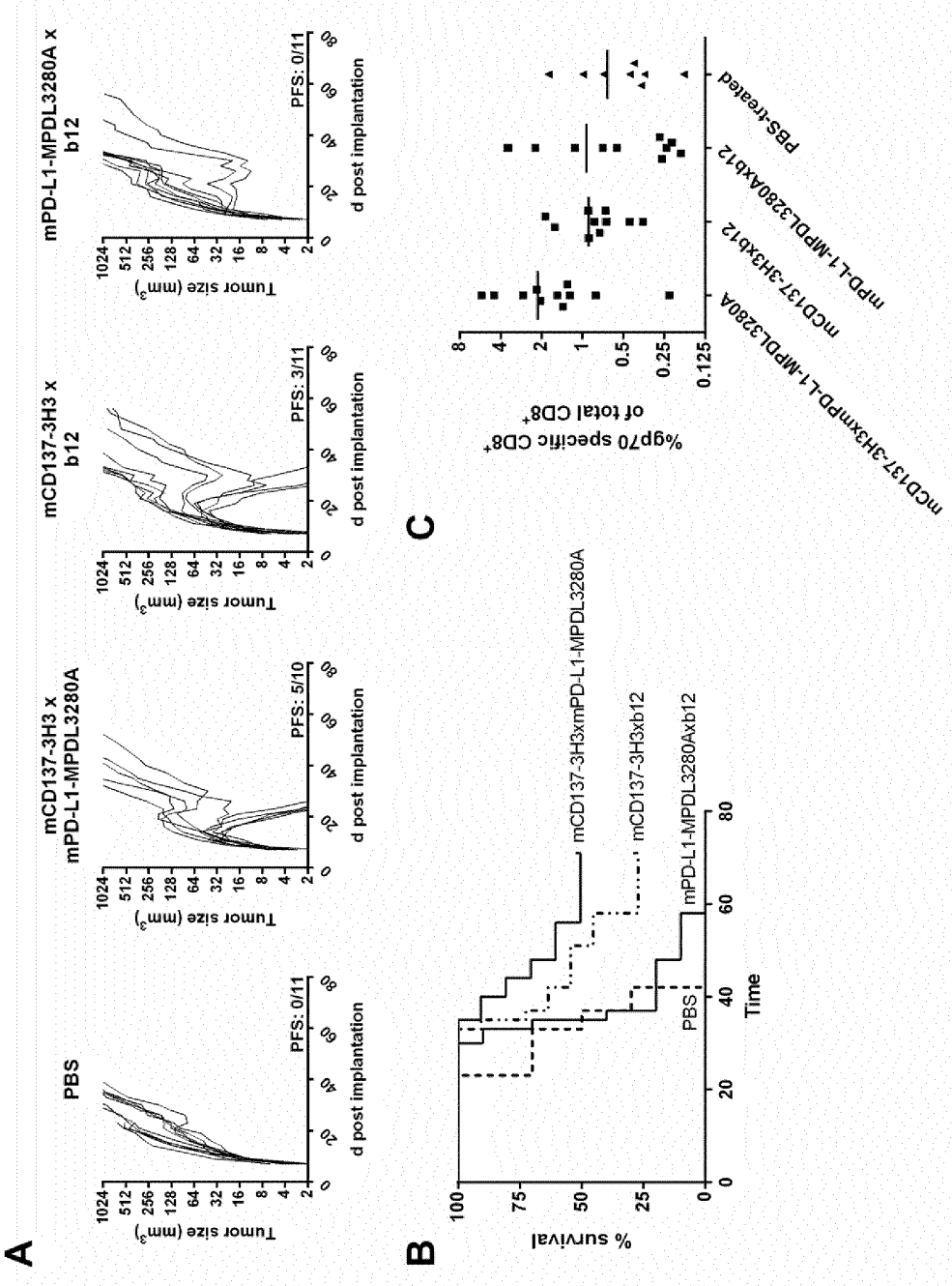


Figure 13

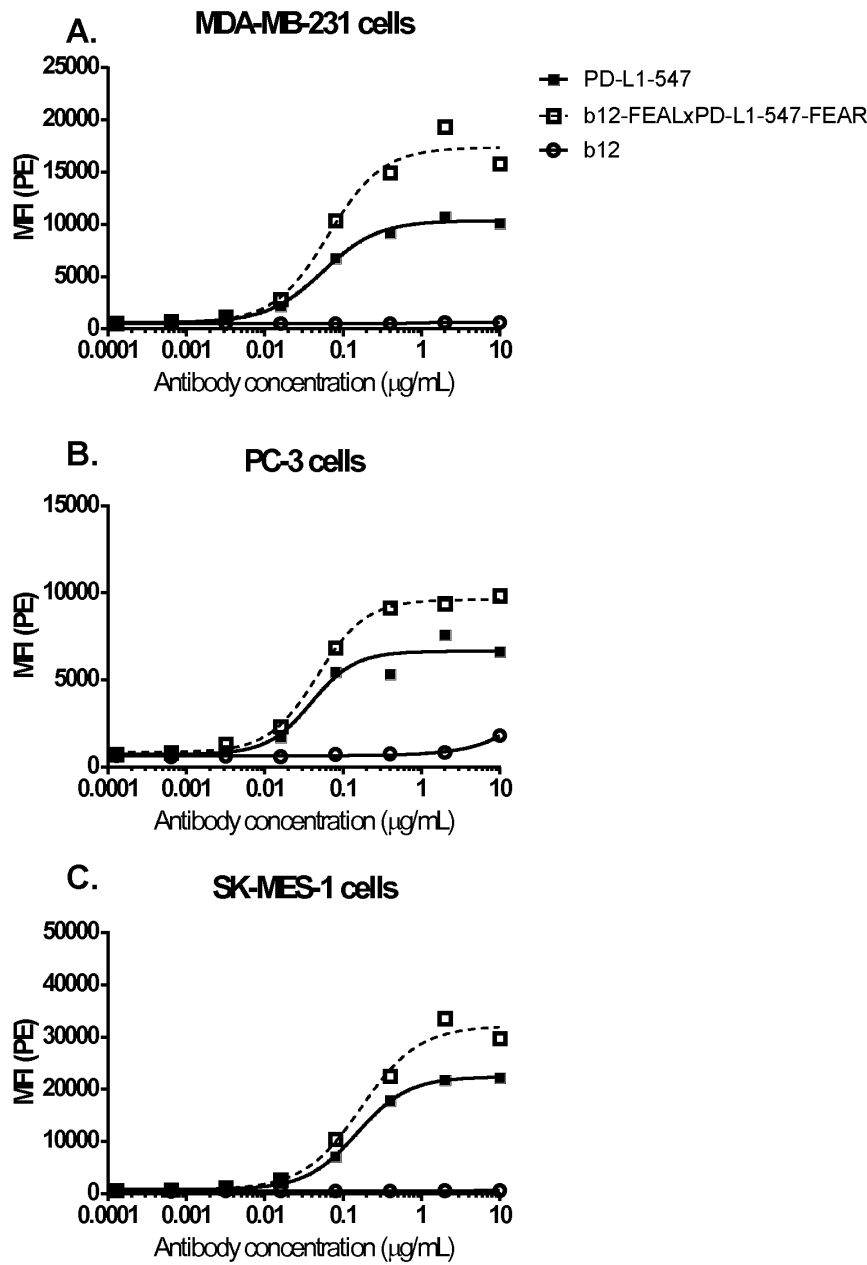


Figure 14

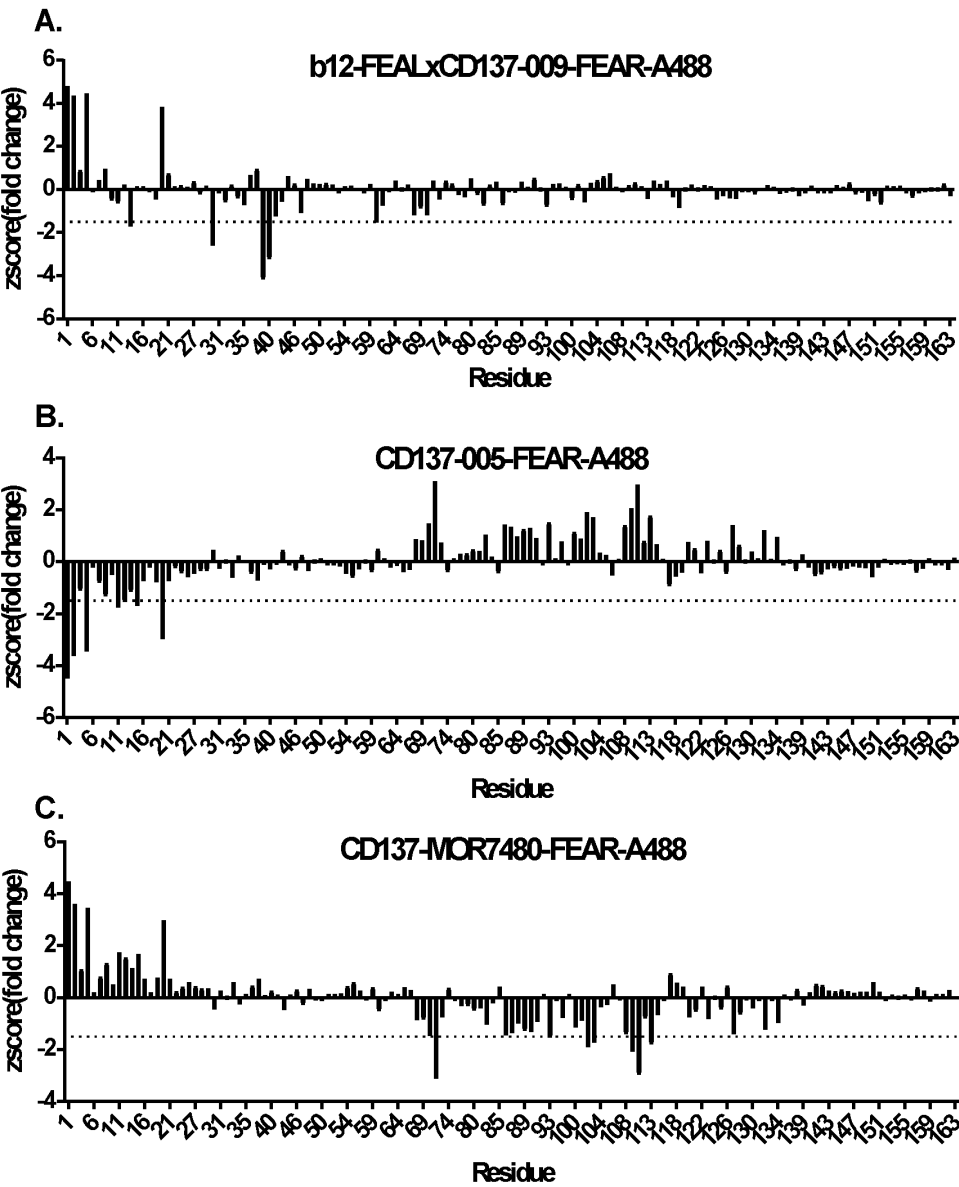


Figure 15

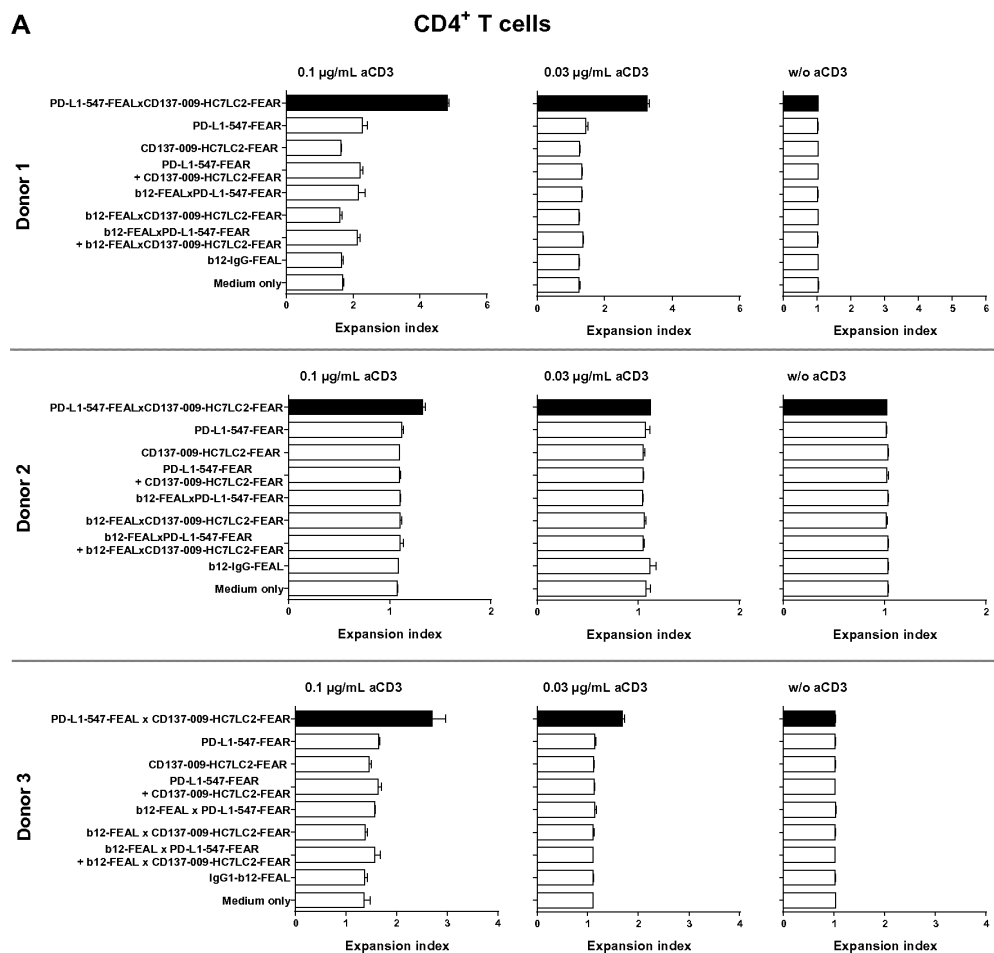


Figure 15

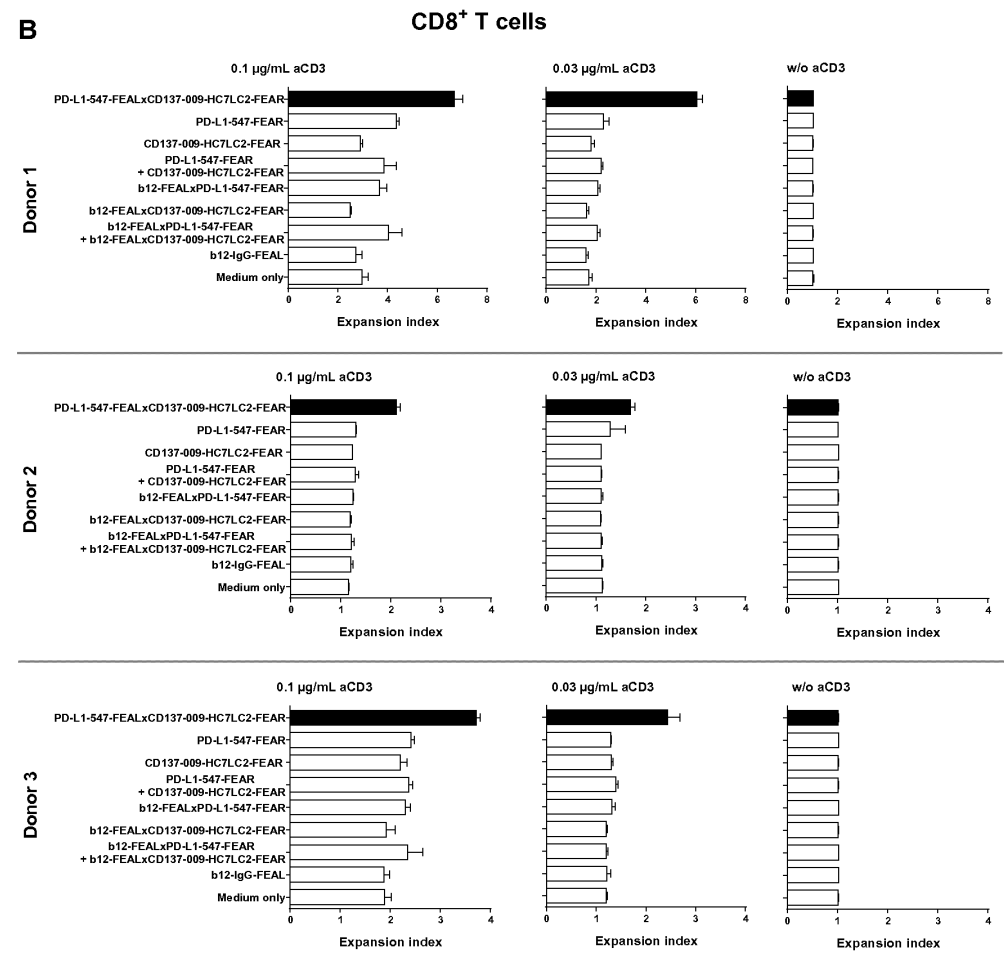


Figure 16

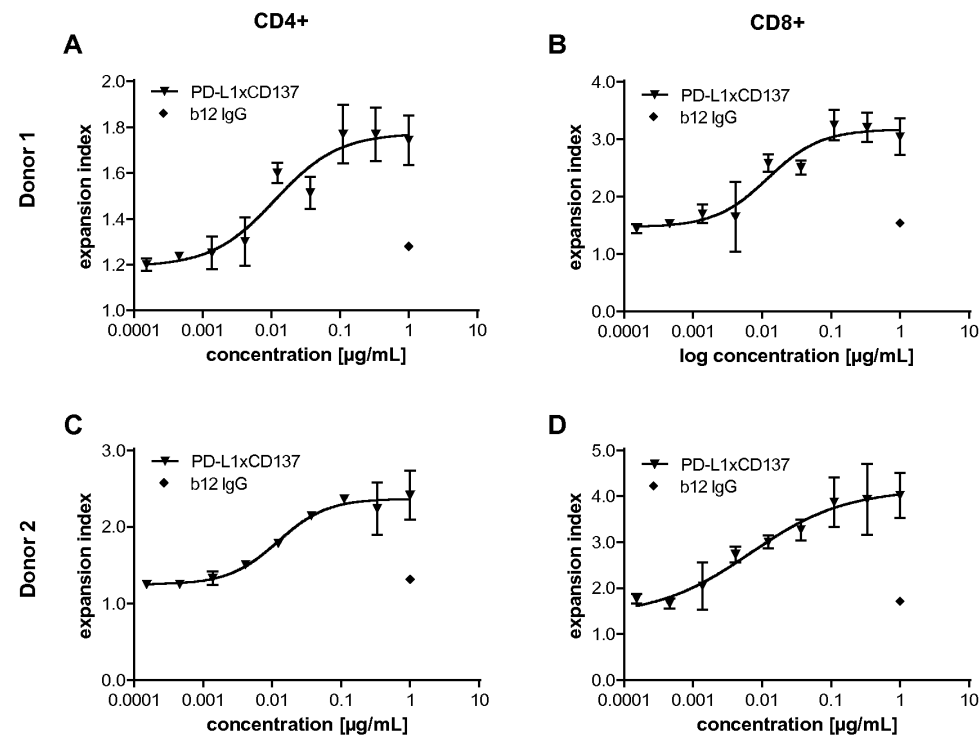


Figure 17

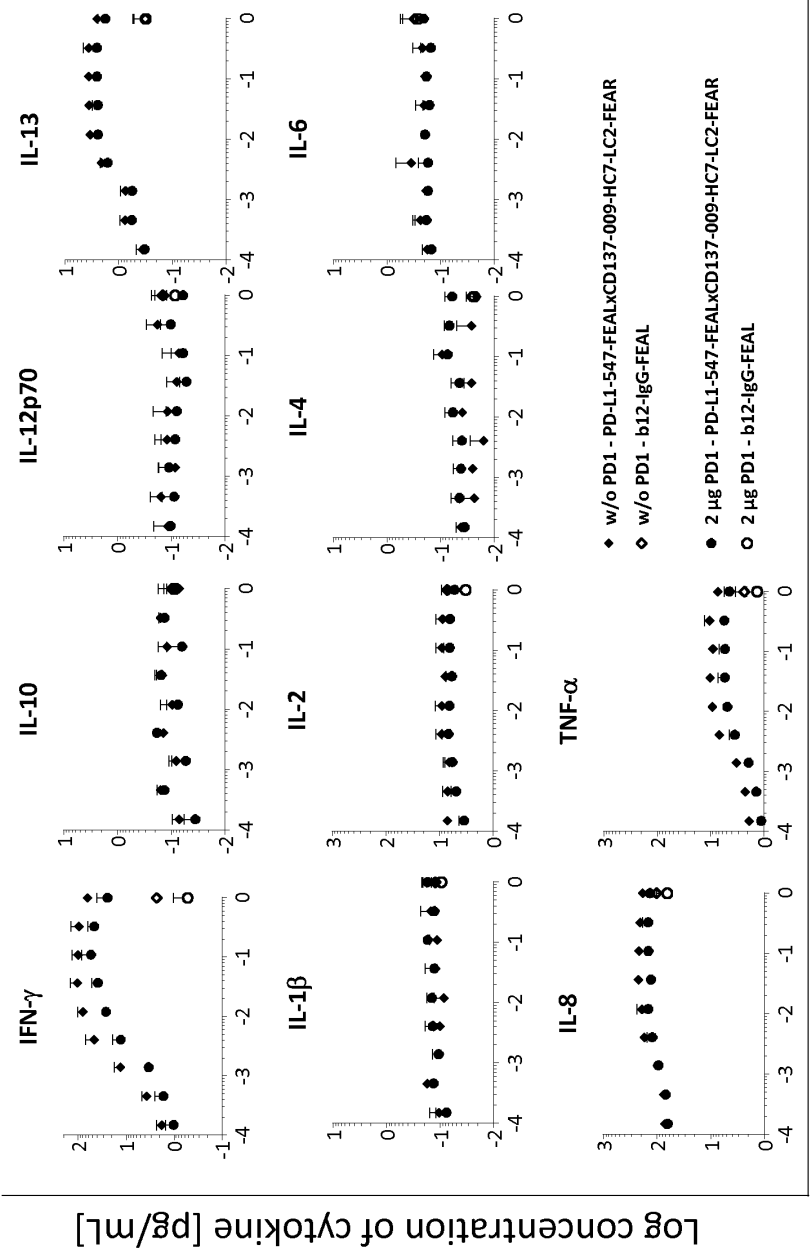


Figure 18

