

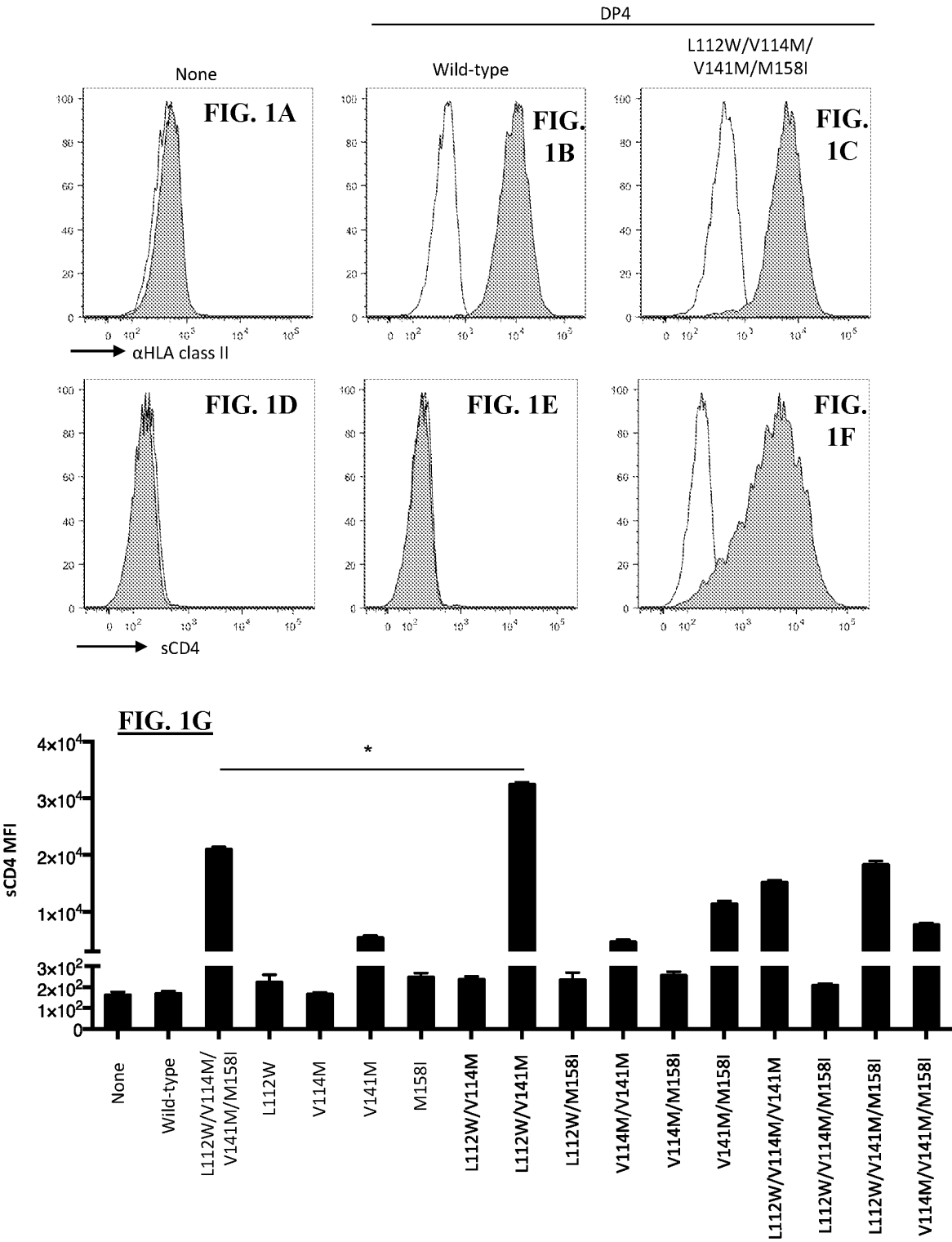


FIG. 1H

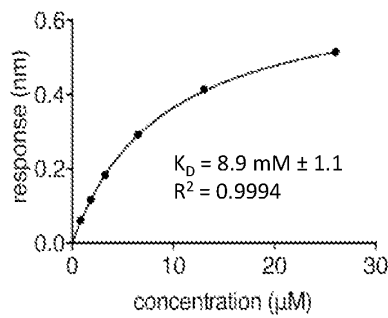


FIG. 1I

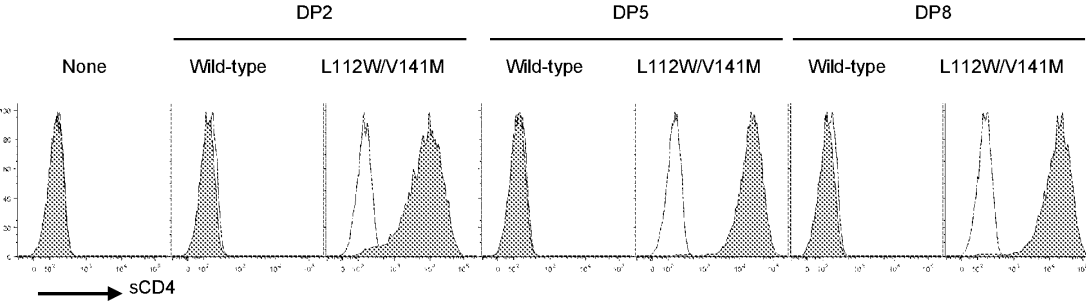
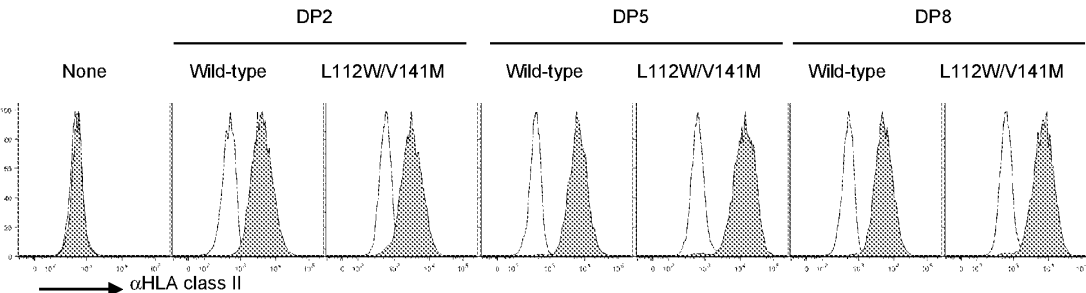
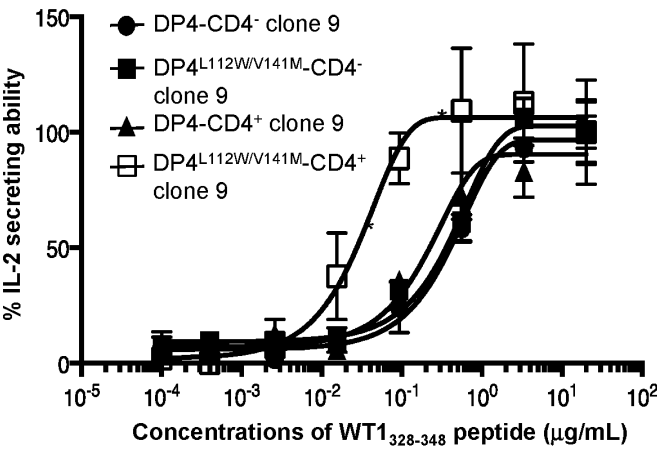
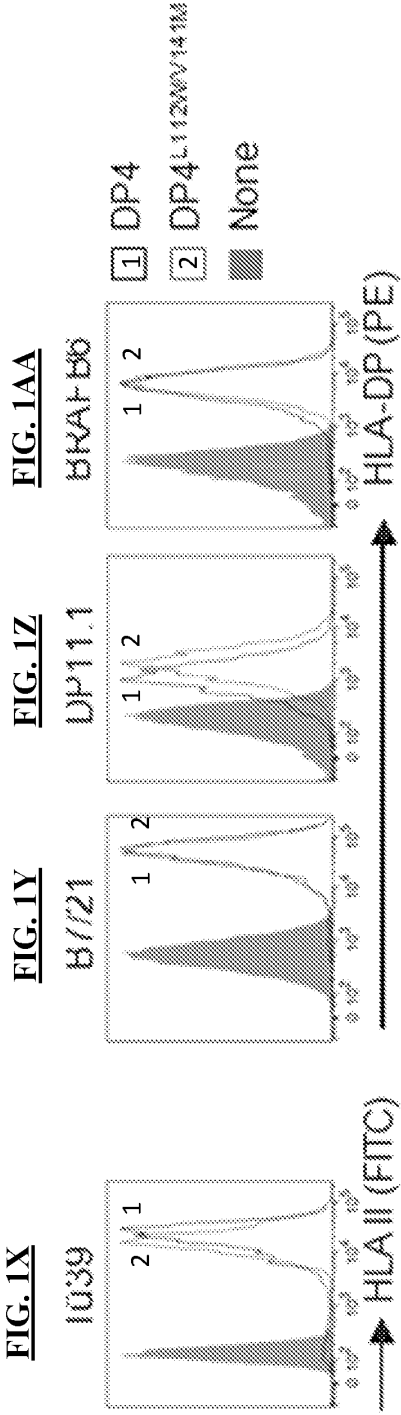


FIG. 1J FIG. 1K FIG. 1L FIG. 1M FIG. 1N FIG. 1O FIG. 1P

FIG. 1Q FIG. 1R FIG. 1S FIG. 1T FIG. 1U FIG. 1V FIG. 1W



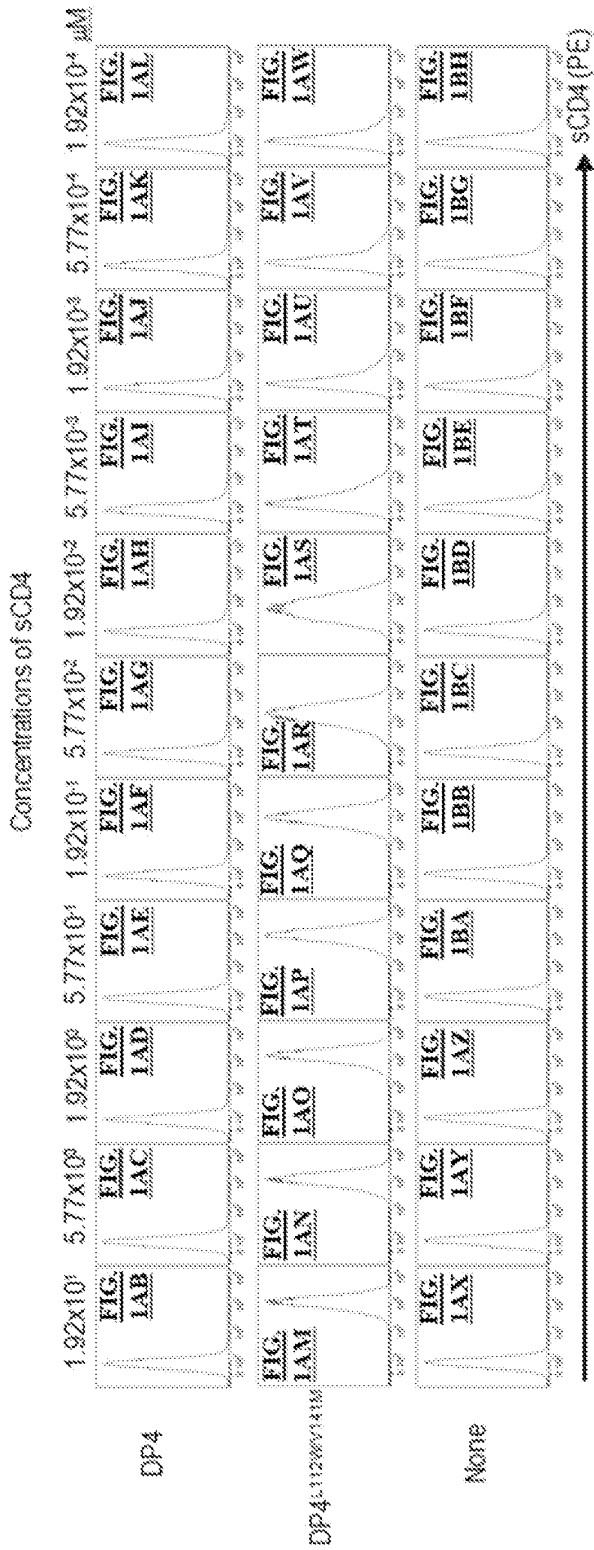


FIG. 1BI

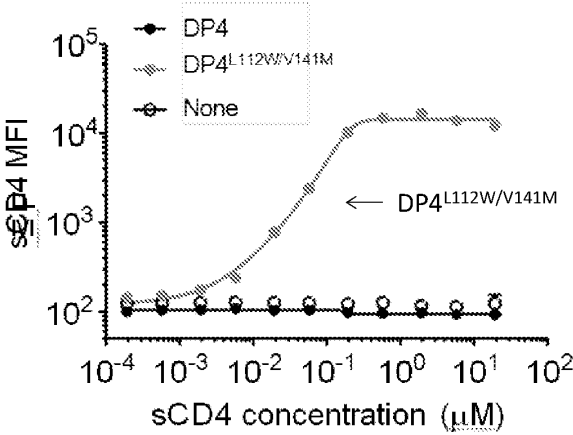


FIG. 1BJ

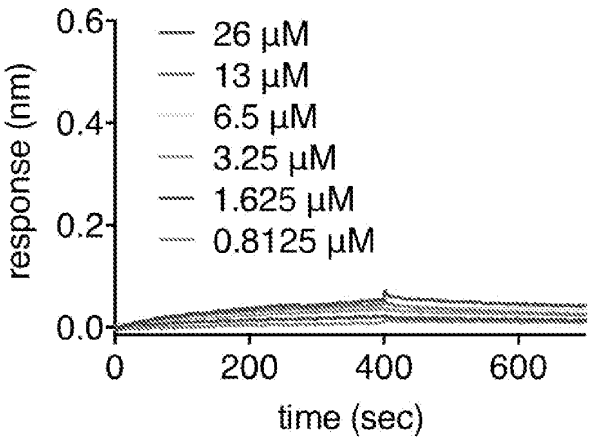
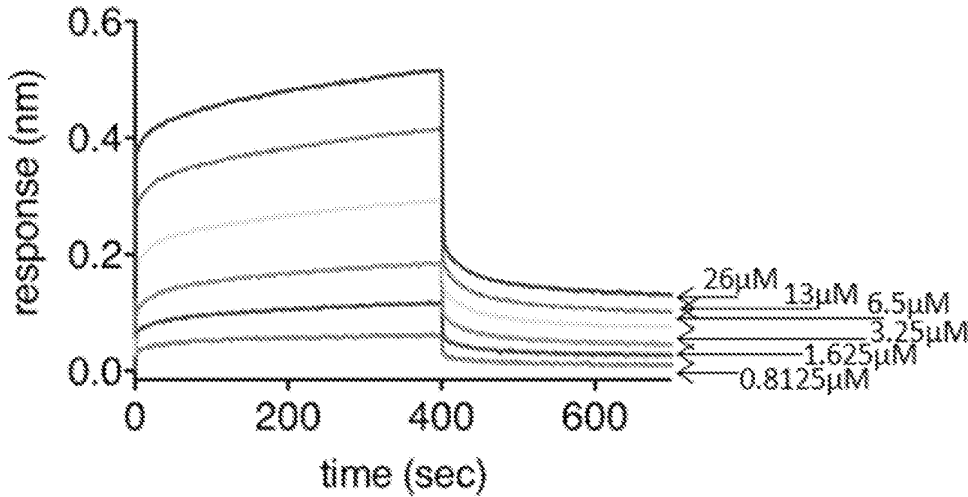
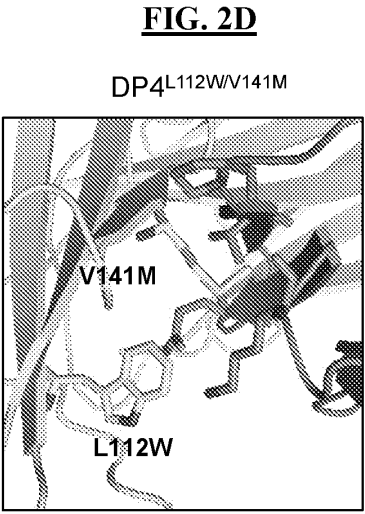
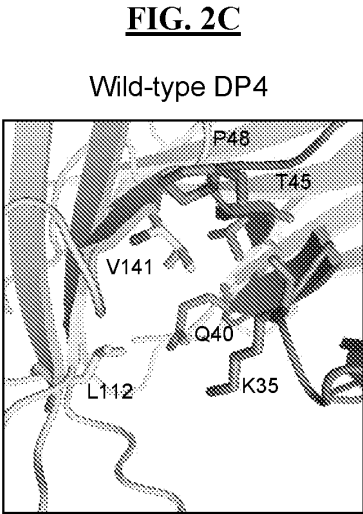
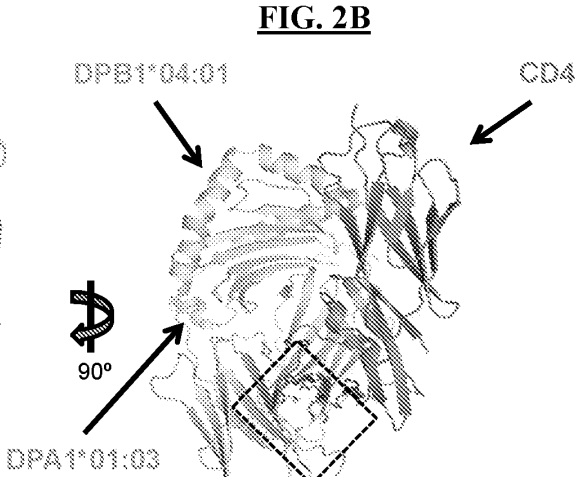
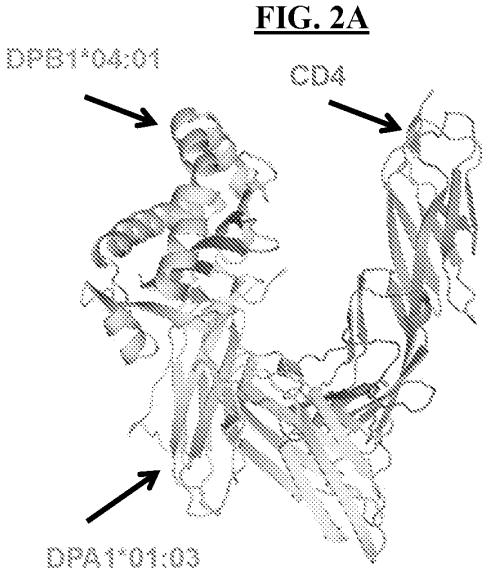
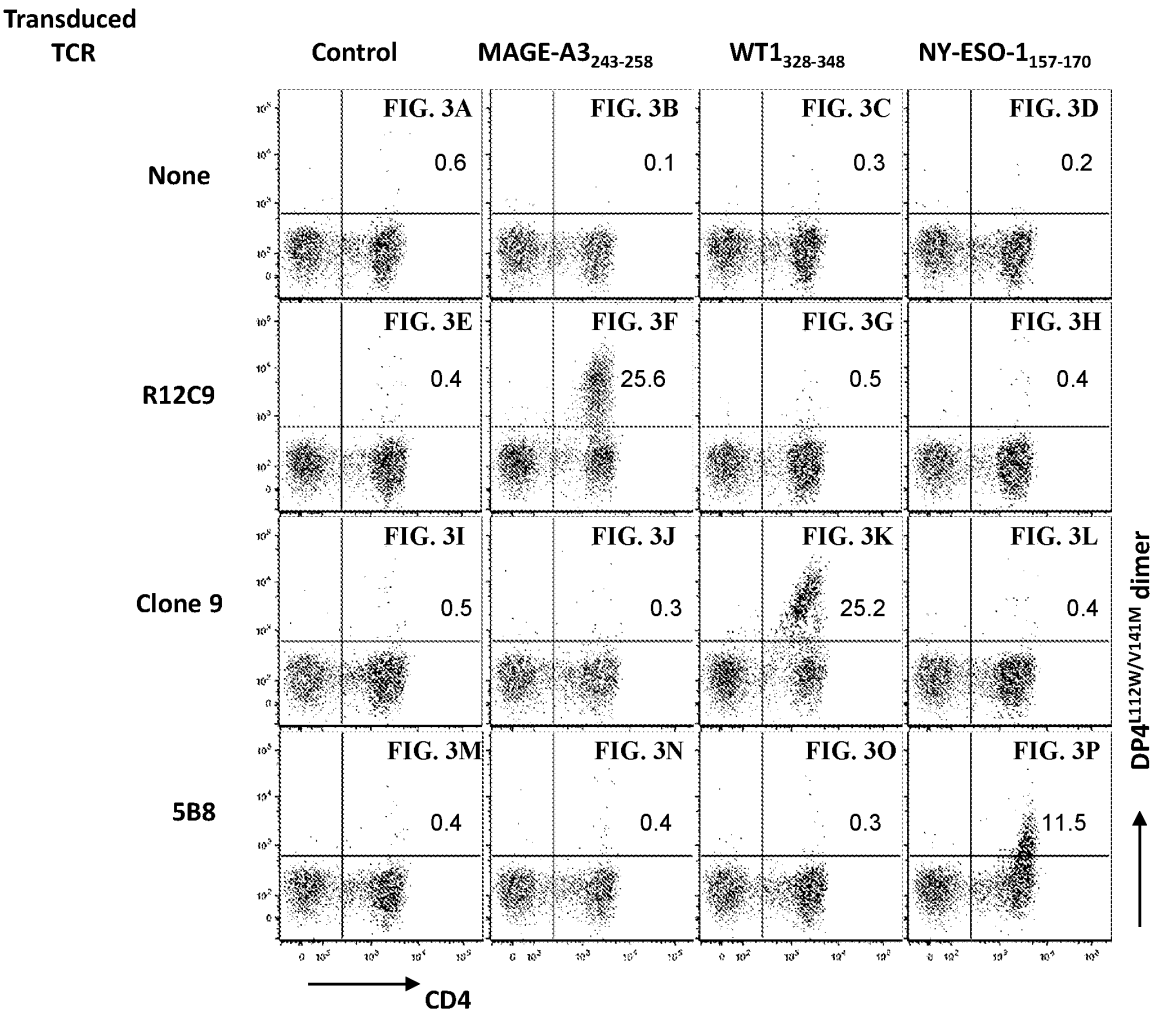
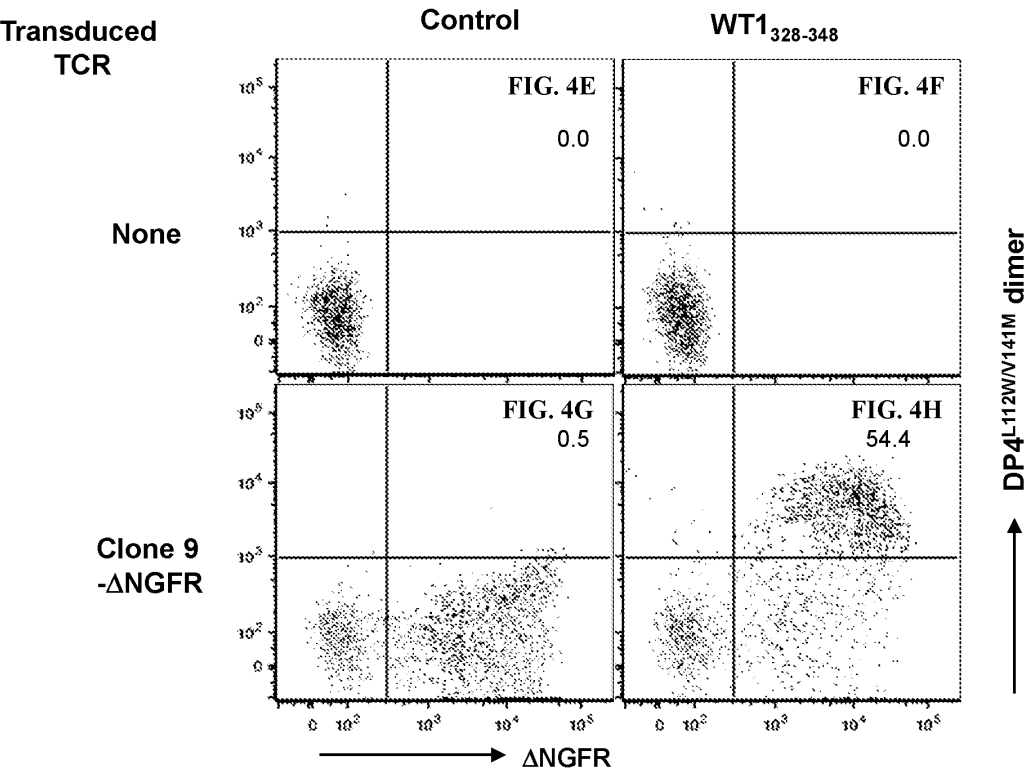
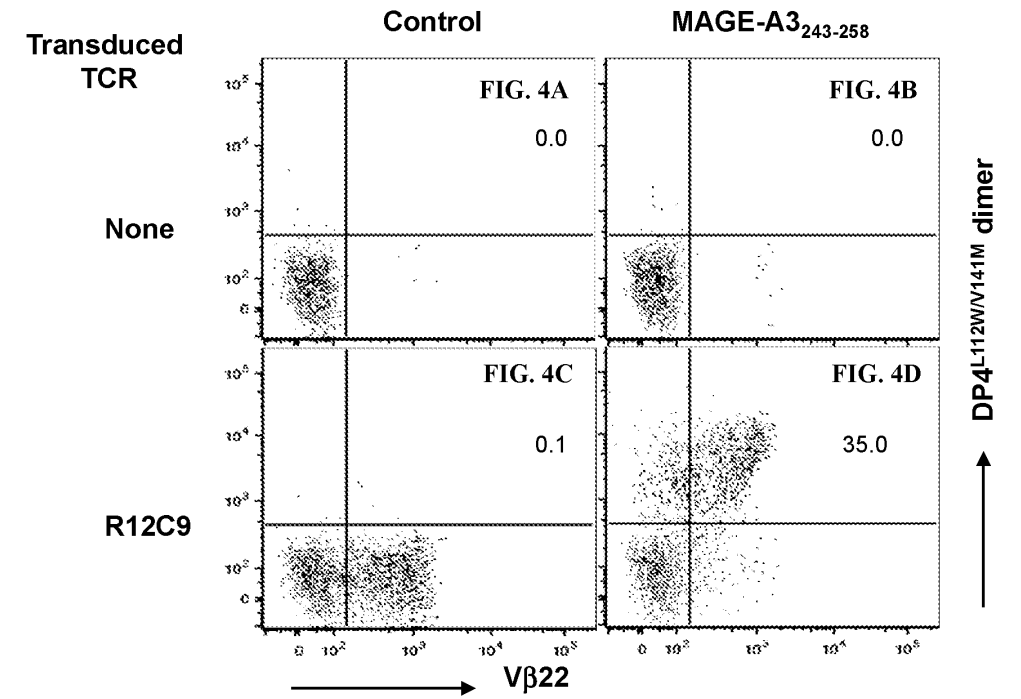


FIG. 1BK









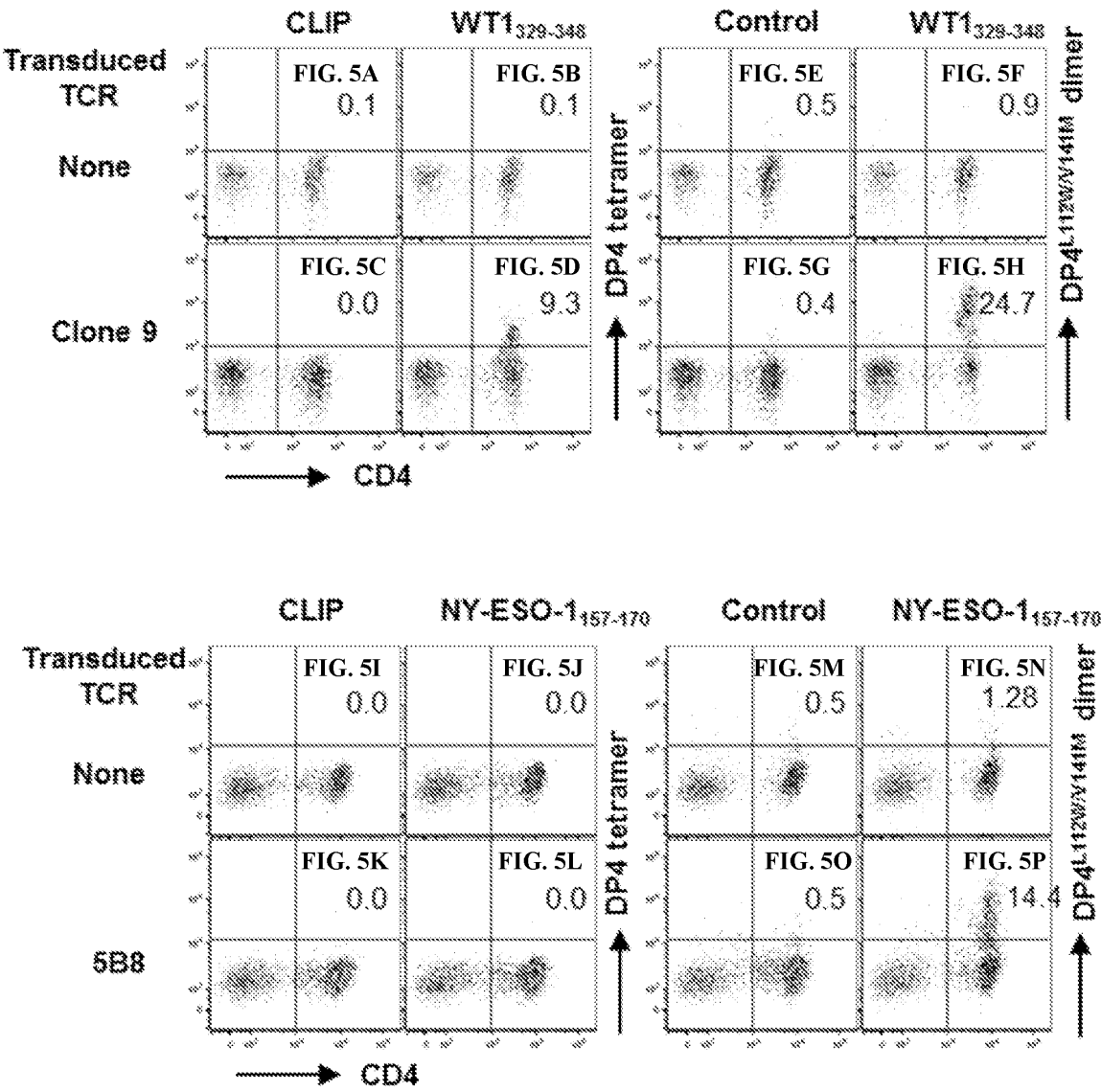


FIG. 6A

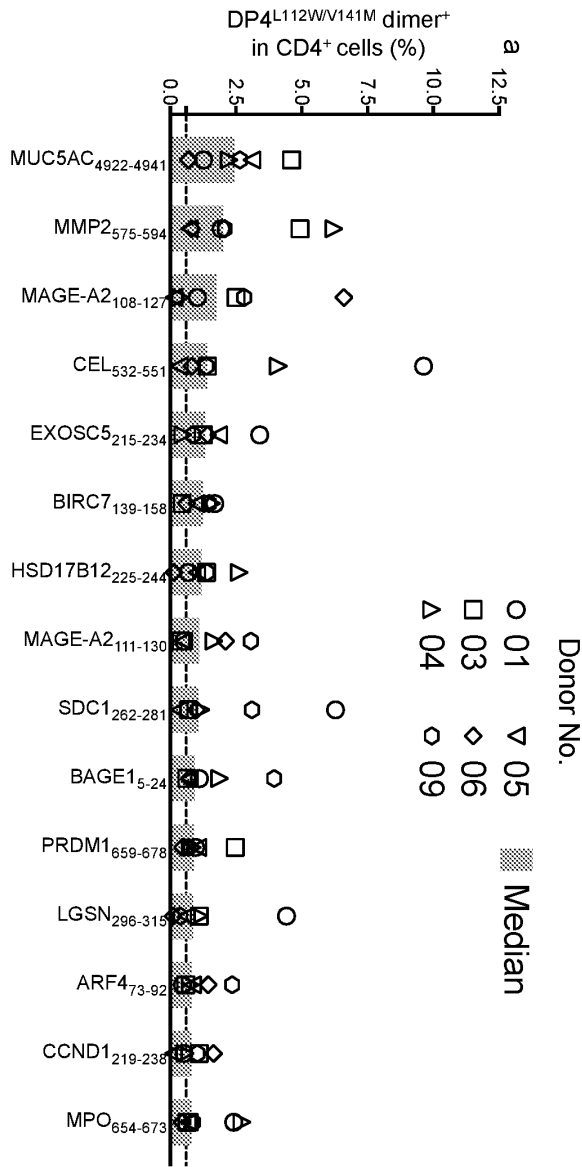


FIG. 6B

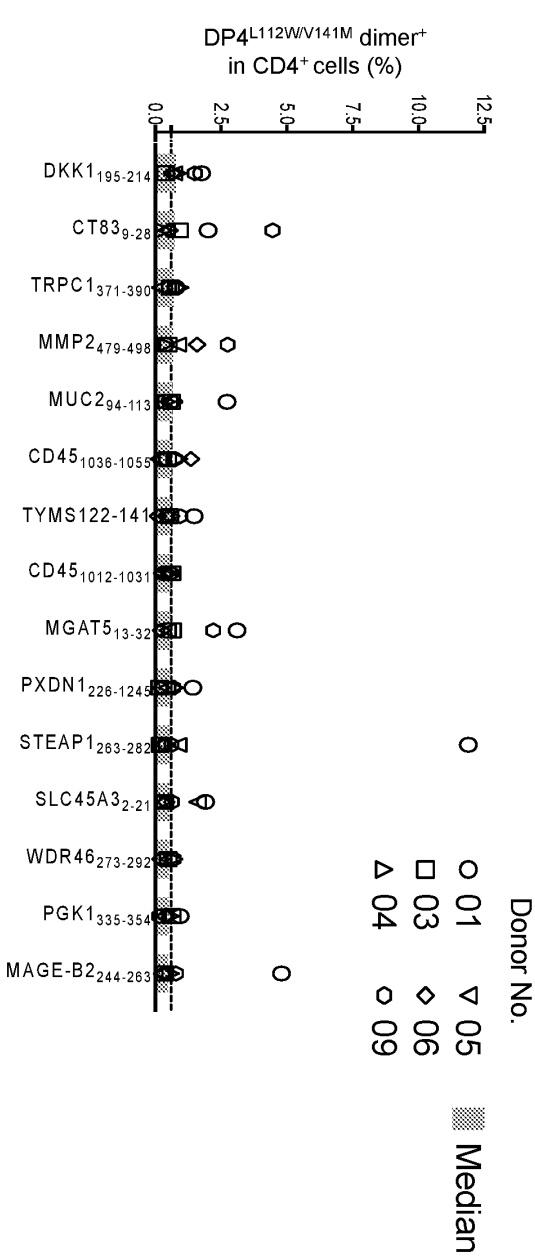


FIG. 6C

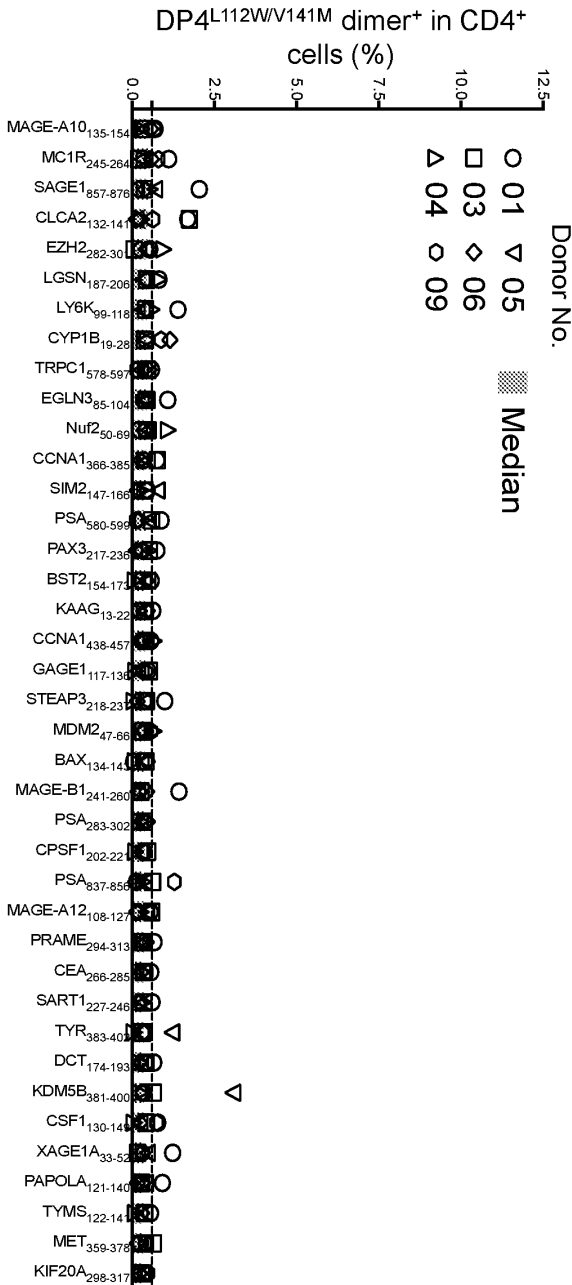
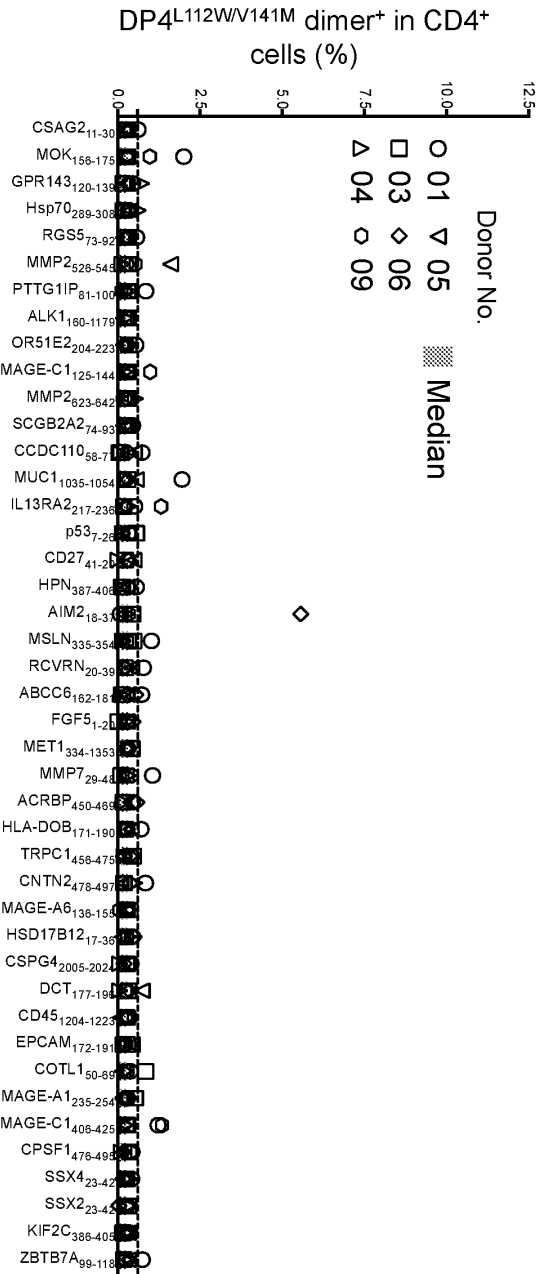


FIG. 6D



12/63

FIG. 6E

DP4^{L112W/V141M} dimer⁺ in CD4⁺
cells (%)

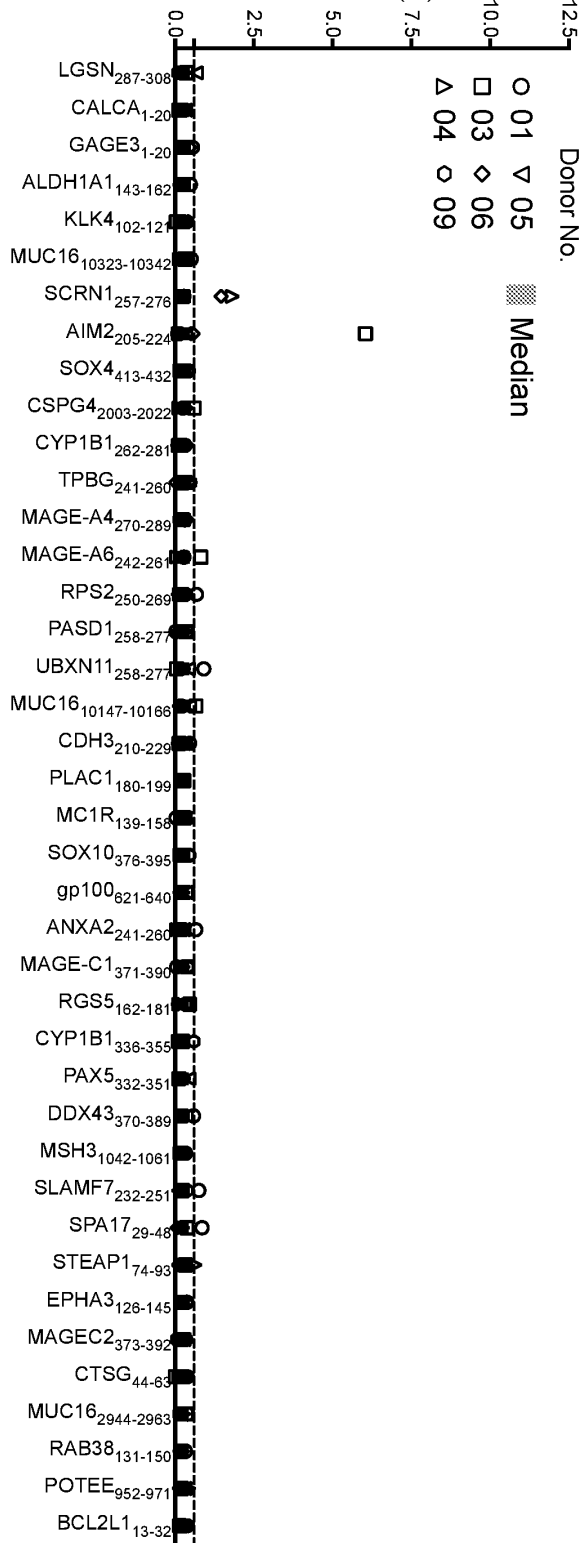
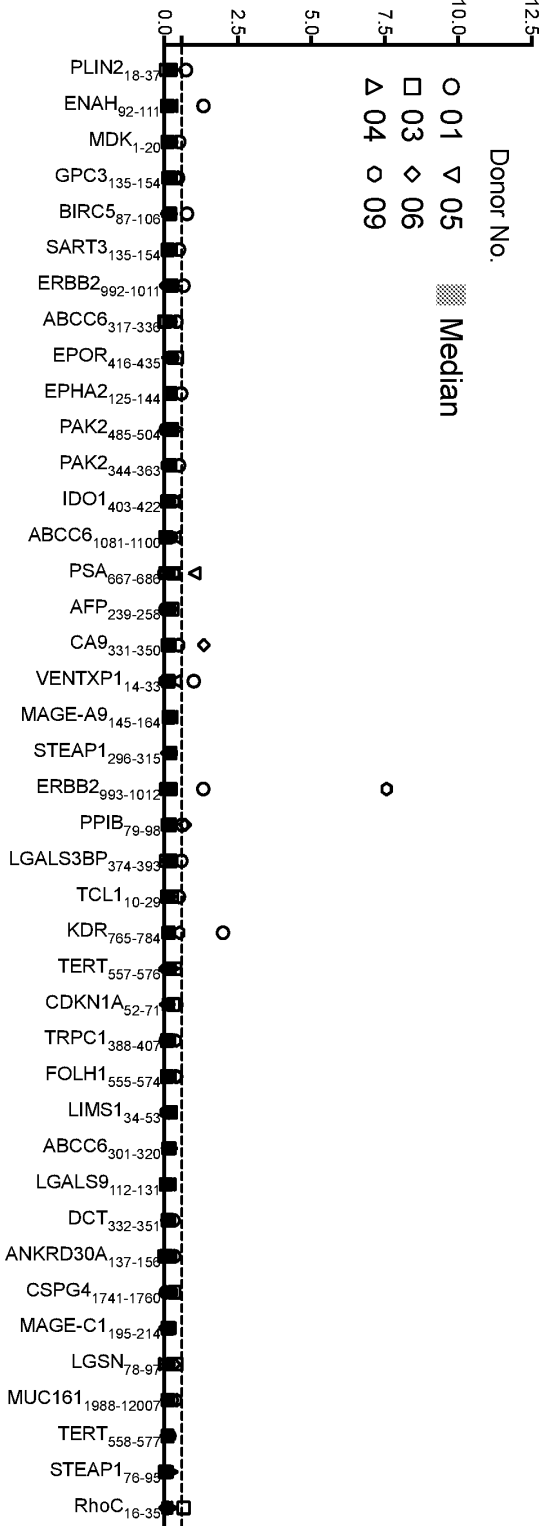
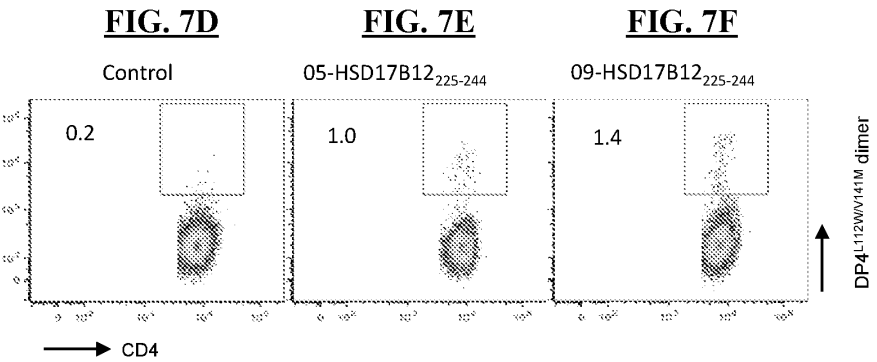
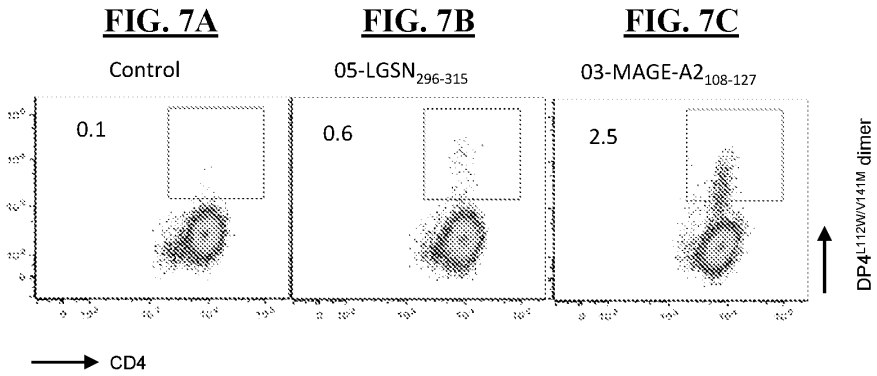
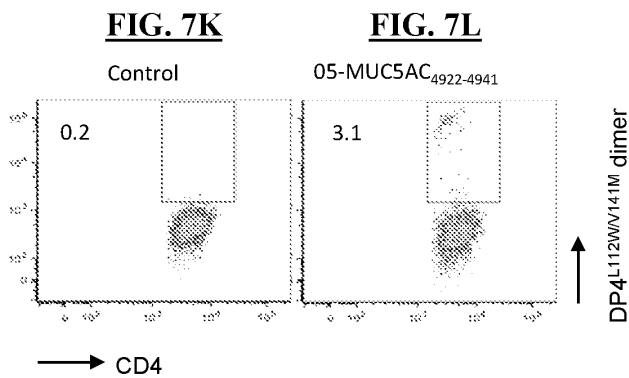
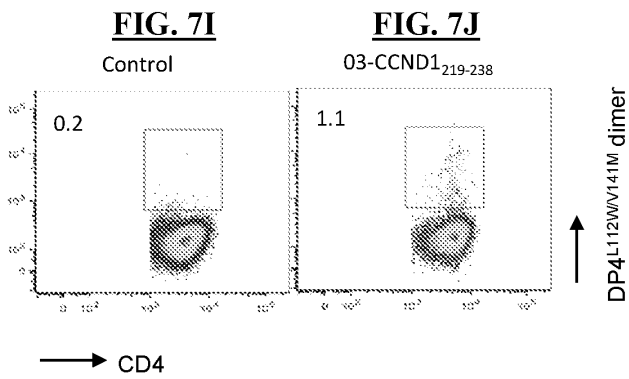
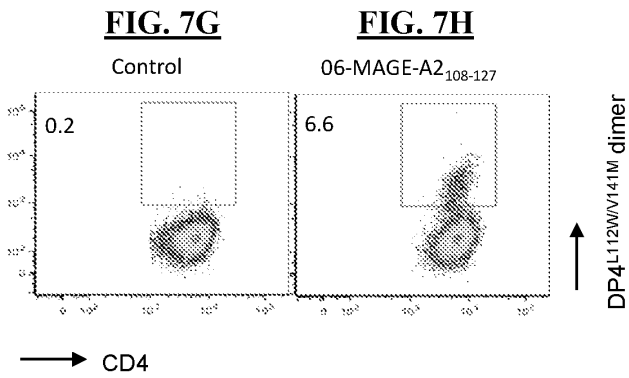


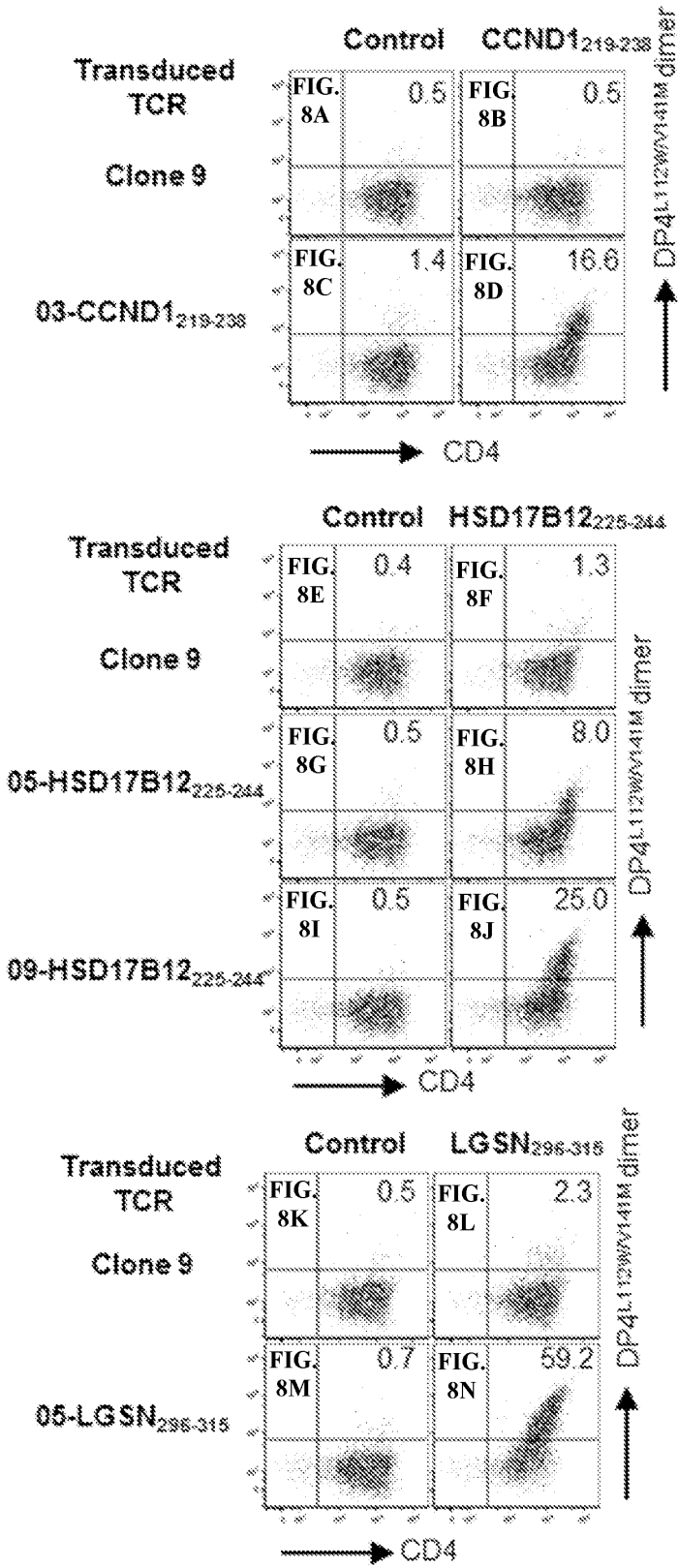
FIG. 6F

DP4^{L112W/V141M} dimer⁺ in CD4⁺
cells (%)









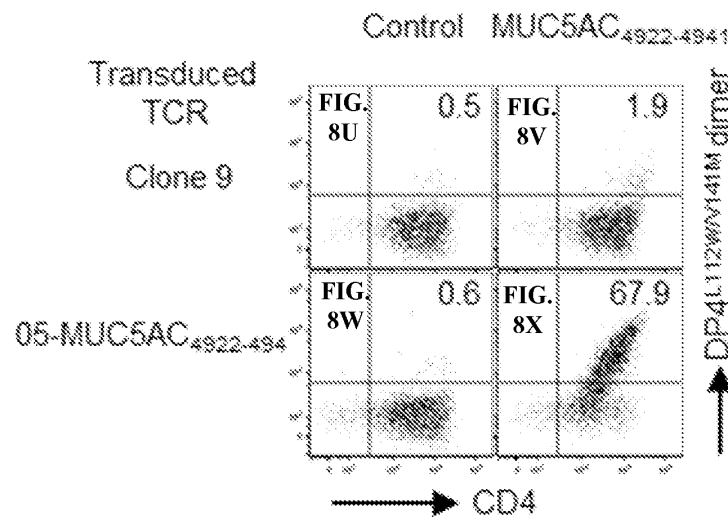
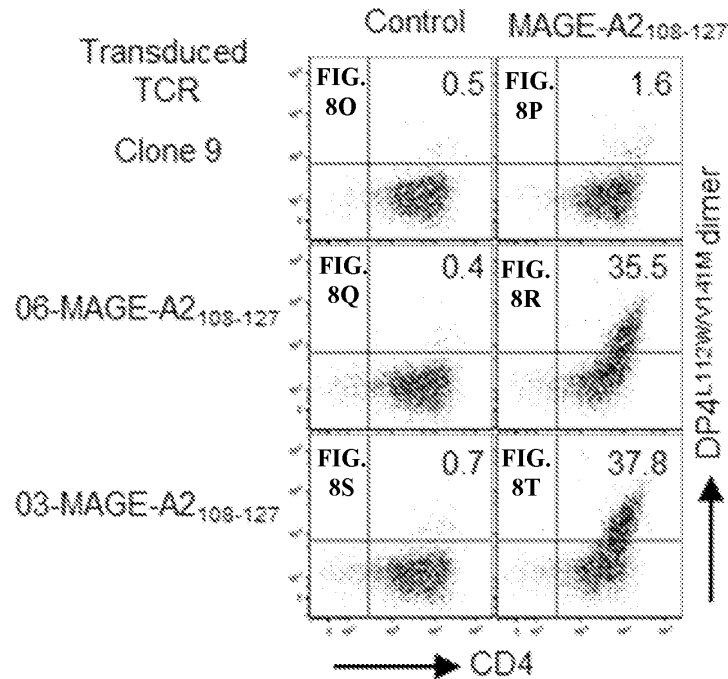


FIG. 9A

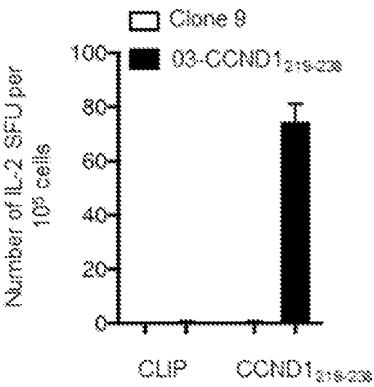


FIG. 9B

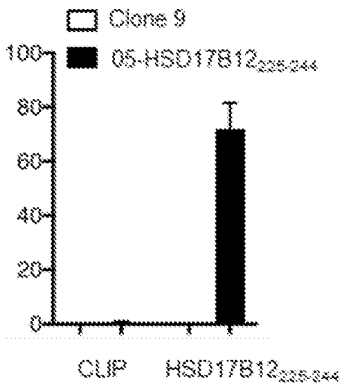


FIG. 9C

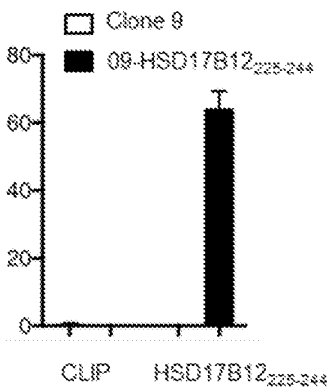


FIG. 9D

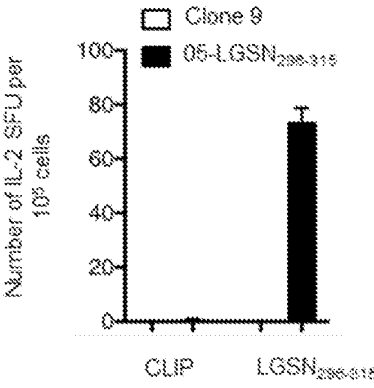


FIG. 9E

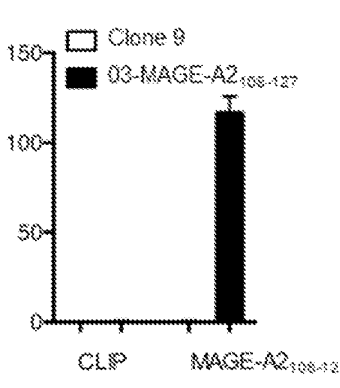


FIG. 9F

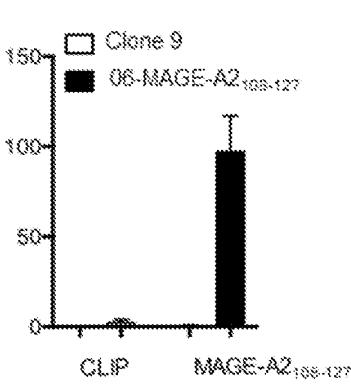
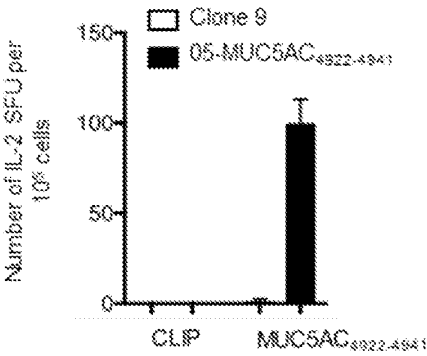
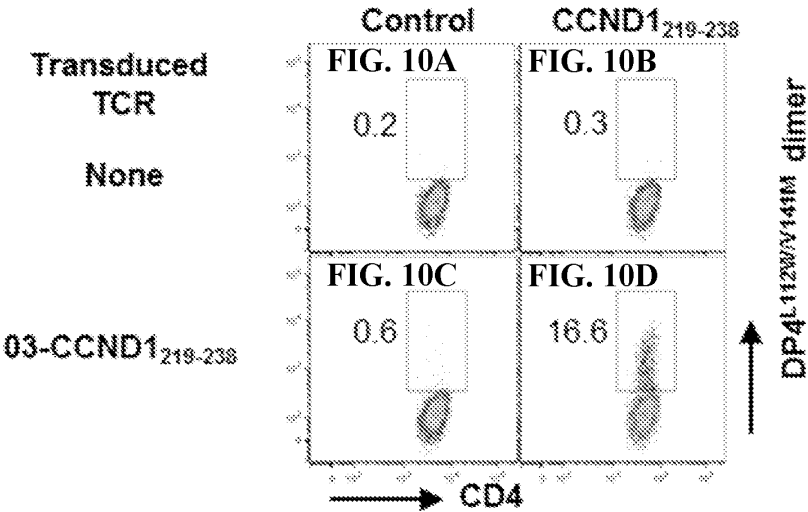
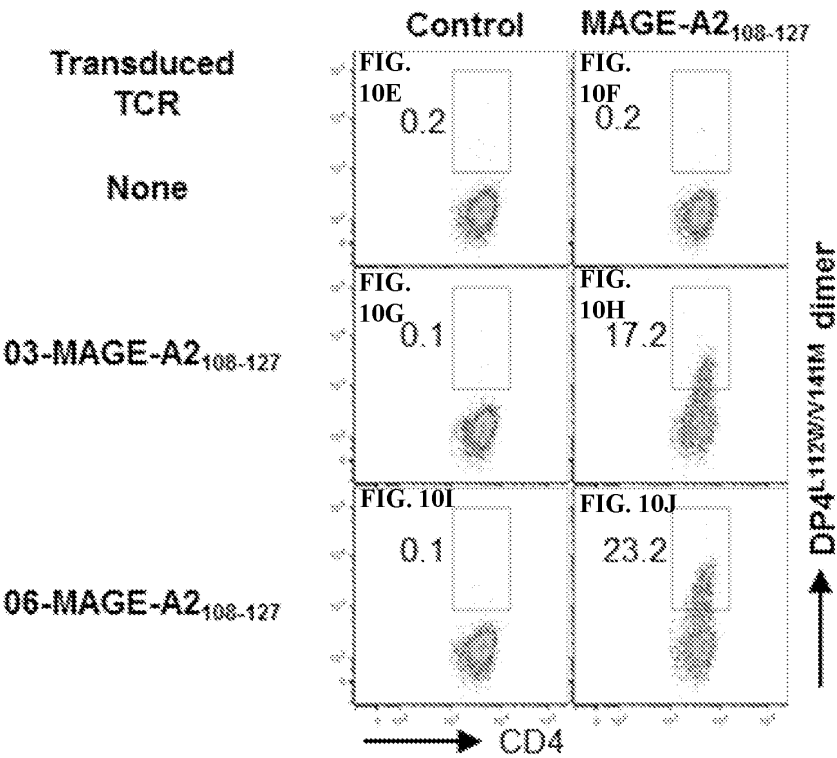


FIG. 9G







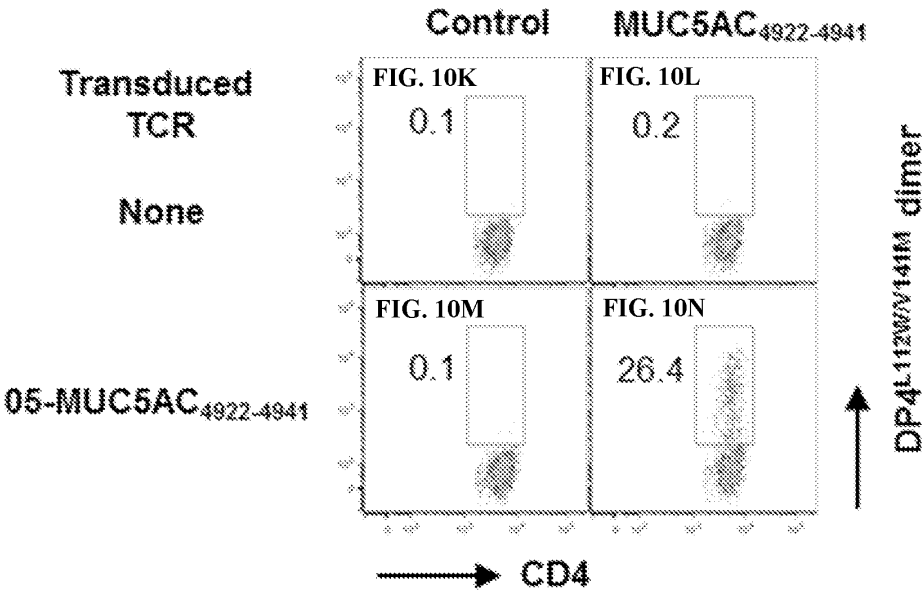


FIG. 10O

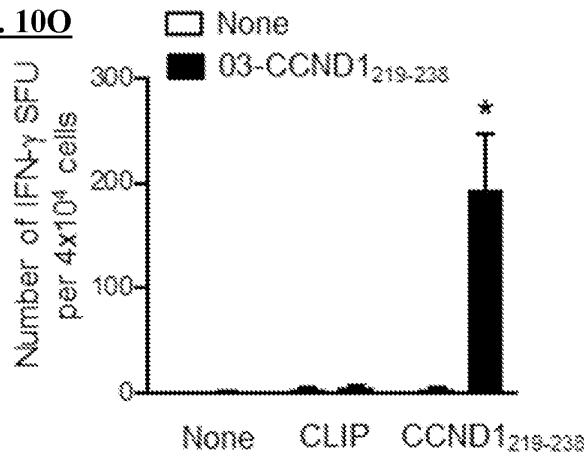


FIG. 10P

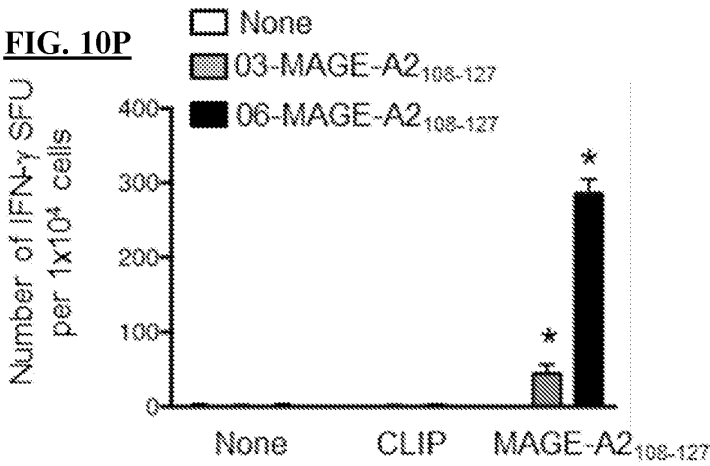


FIG. 10Q

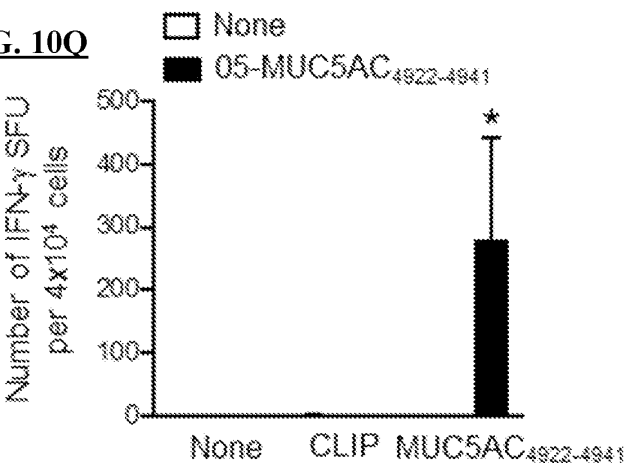


FIG. 11A

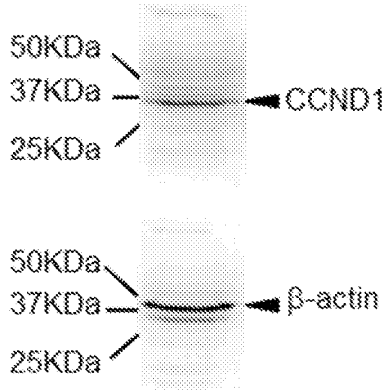


FIG. 11B

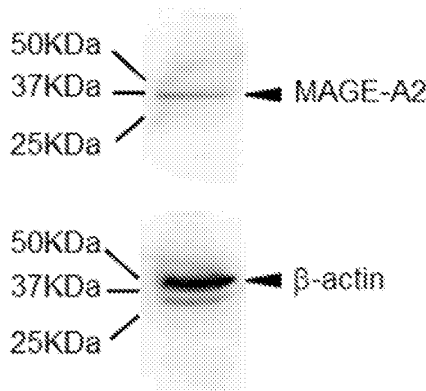


FIG. 11C

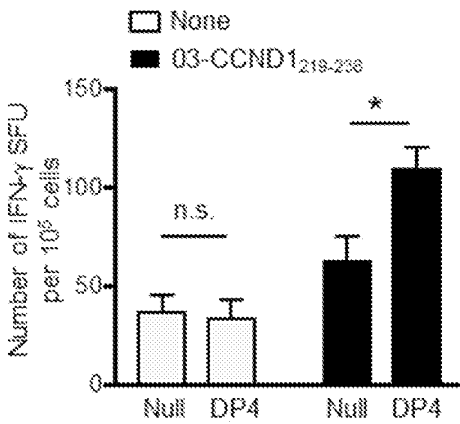


FIG. 11D

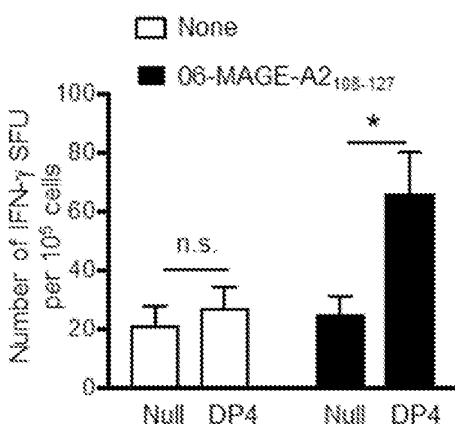
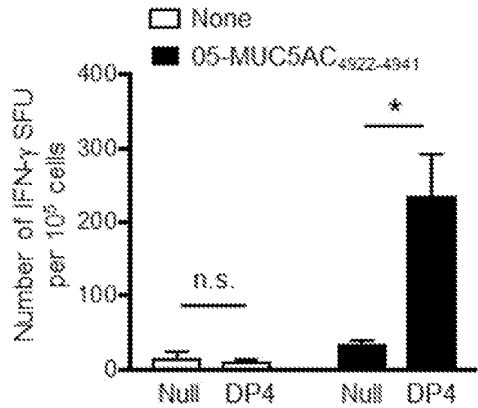
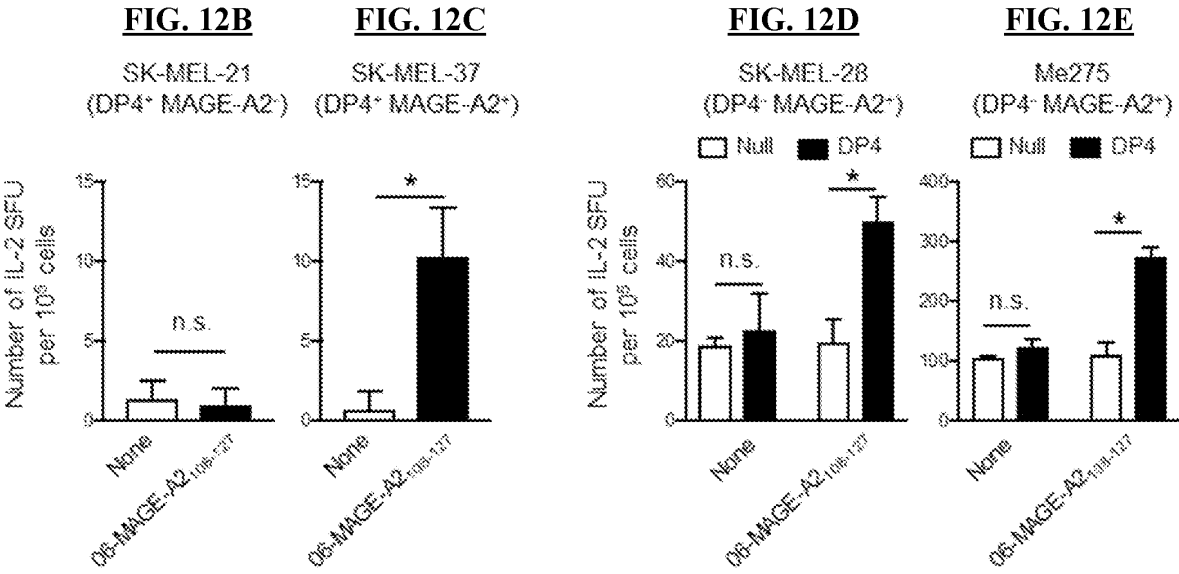
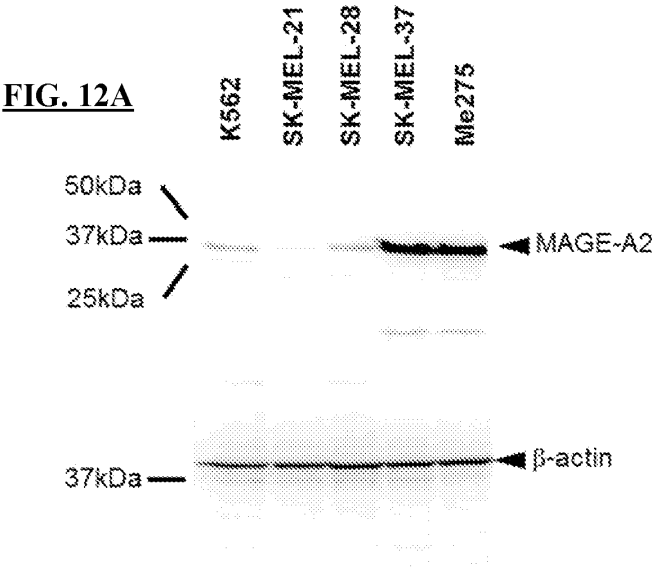


FIG. 11E





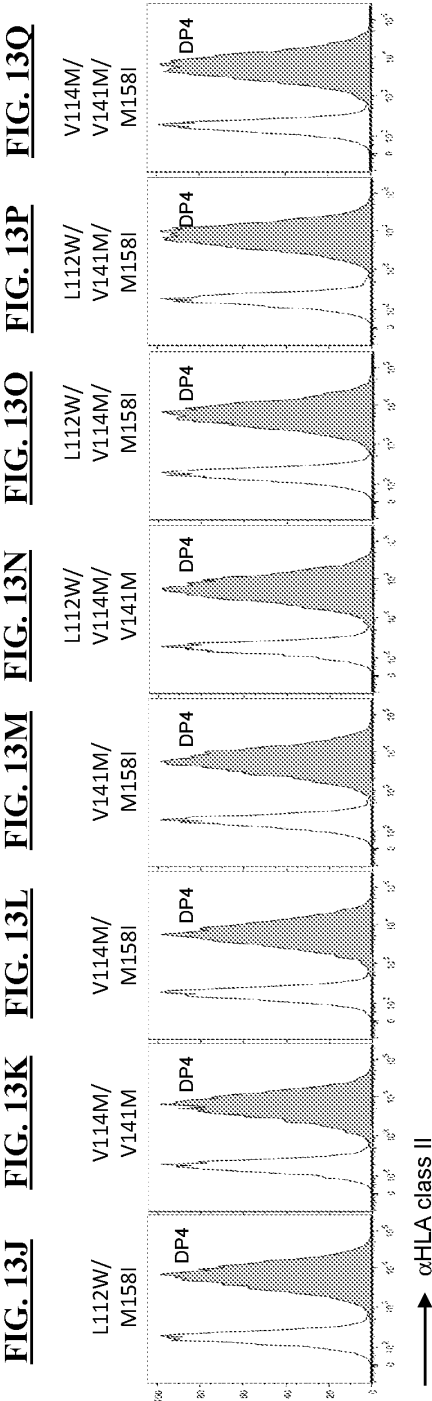
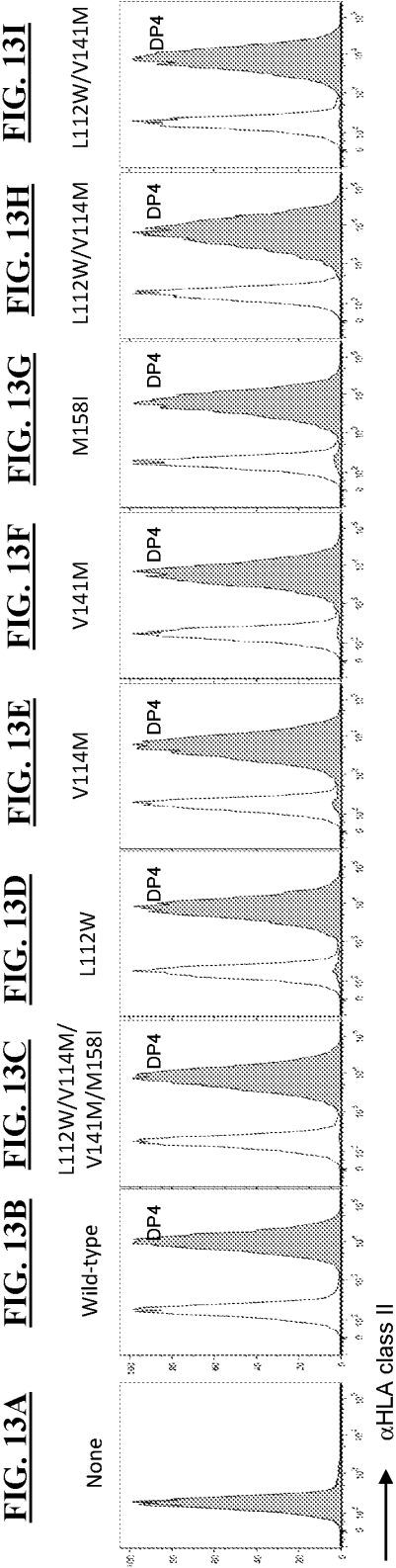


FIG. 14A

	108	112	114
DPB1*04:01	Q	L	V
	110	114	116
DQB1*05:01	N	L	I
DQB1*05:01 ^{L114W/V143M+4reps}	<u>Q</u>	<u>W</u>	<u>V</u>
	116	141	144
DPB1*04:01	H	V	N
	118	143	146
DQB1*05:01	S	V	P
DQB1*05:01 ^{L114W/V143M+4reps}	<u>H</u>	<u>M</u>	<u>N</u>

FIG. 14B

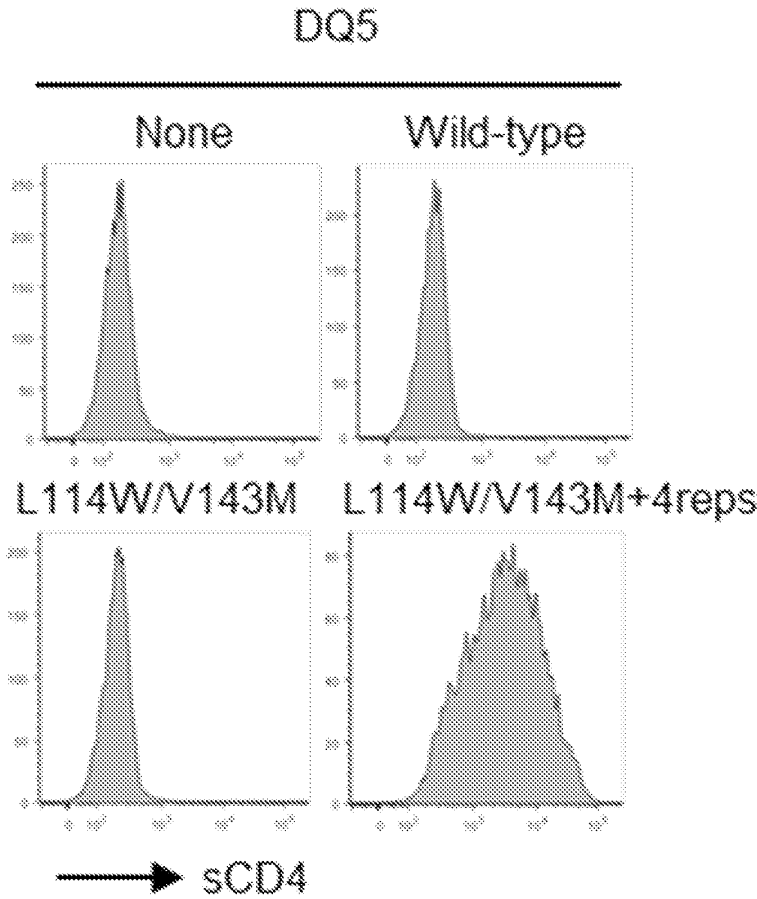


FIG. 14C

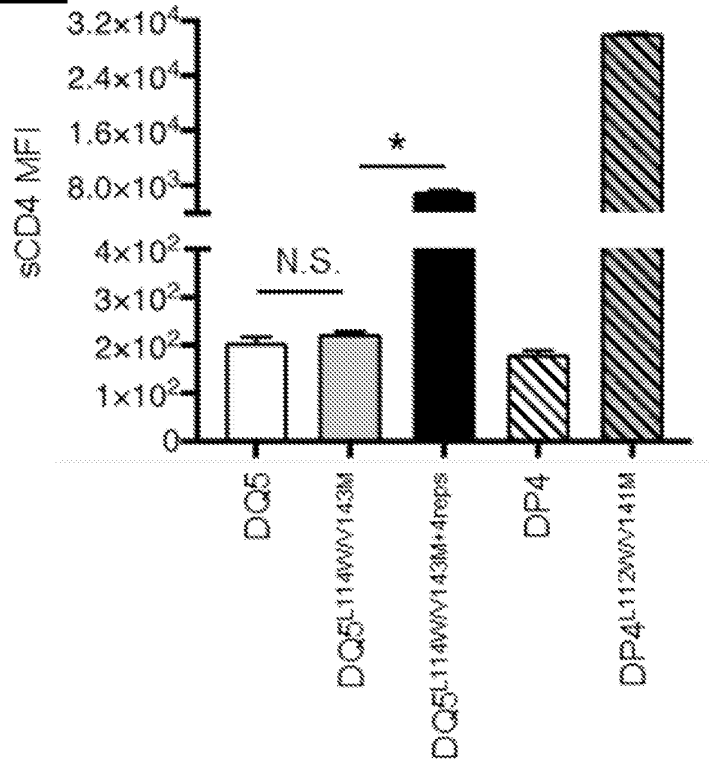


FIG. 14D

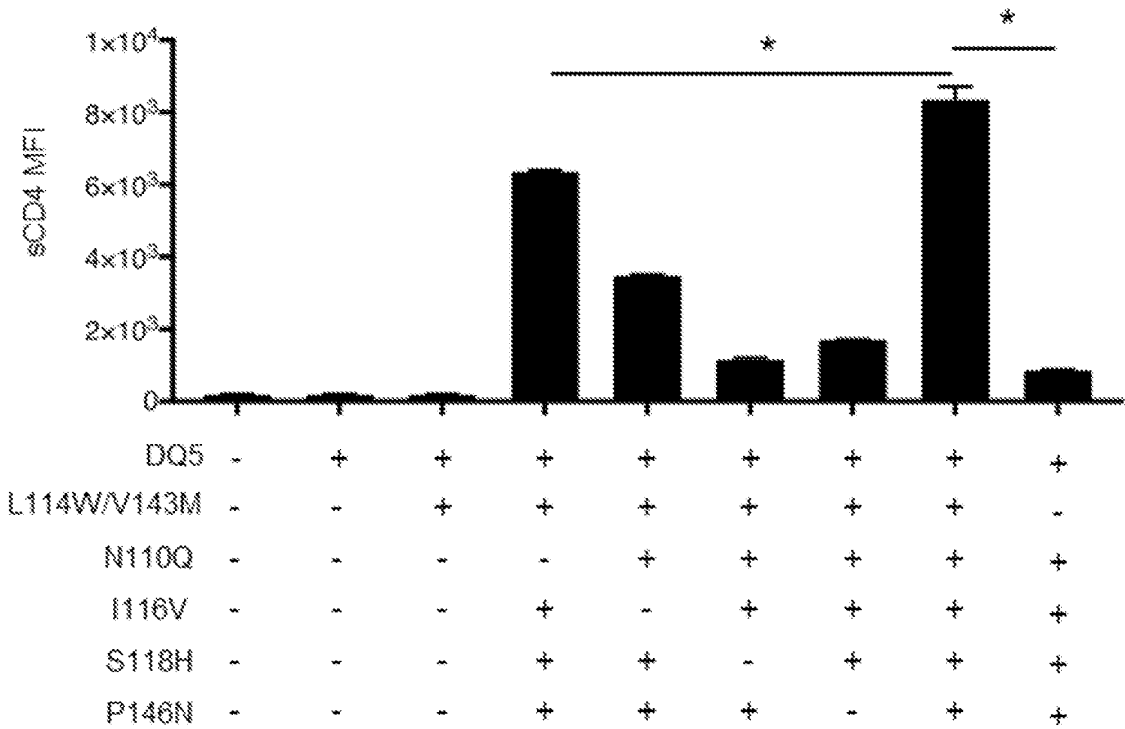


FIG. 14E

	108	112	114
DPB1*04:01	Q	L	V
	110	114	116
DQB1*05:01	N	L	I
DQB1*02:01	N	L	V
DQB1*04:02	N	L	V
DQB1*06:01	N	L	V
DQB1 ^{L114W/V143M+3reps}	Q	W	V
	116	141	144
DPB1*04:01	H	V	N
	118	143	146
DQB1*05:01	S	V	P
DQB1*02:01	S	V	P
DQB1*04:02	S	V	P
DQB1*06:01	S	V	P
DQB1 ^{L114W/V143M+3reps}	H	M	N

FIG. 14F

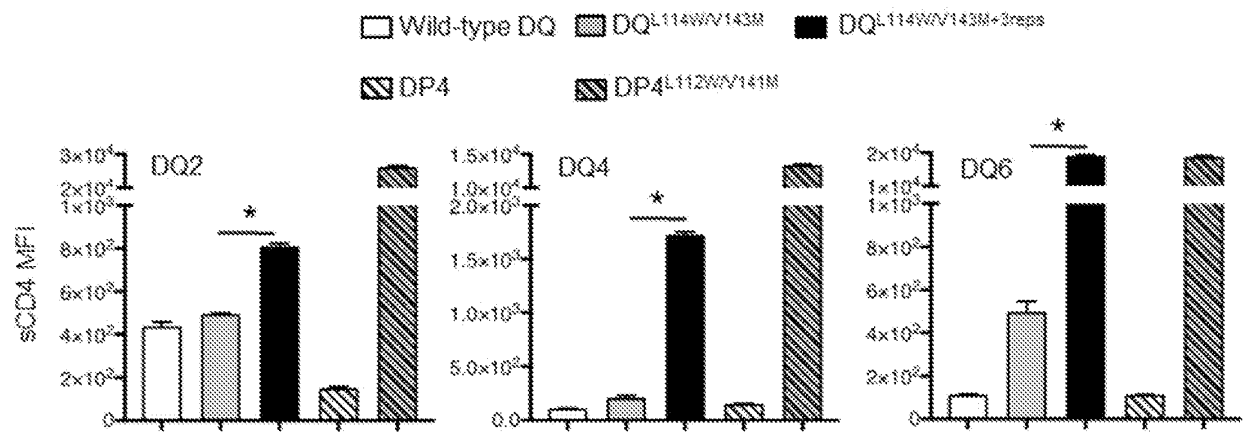


FIG. 15A

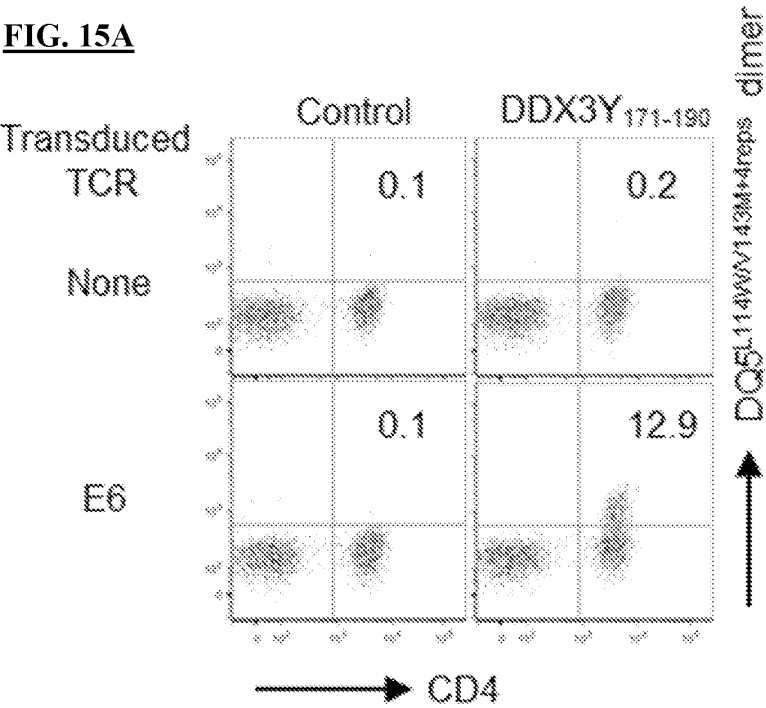
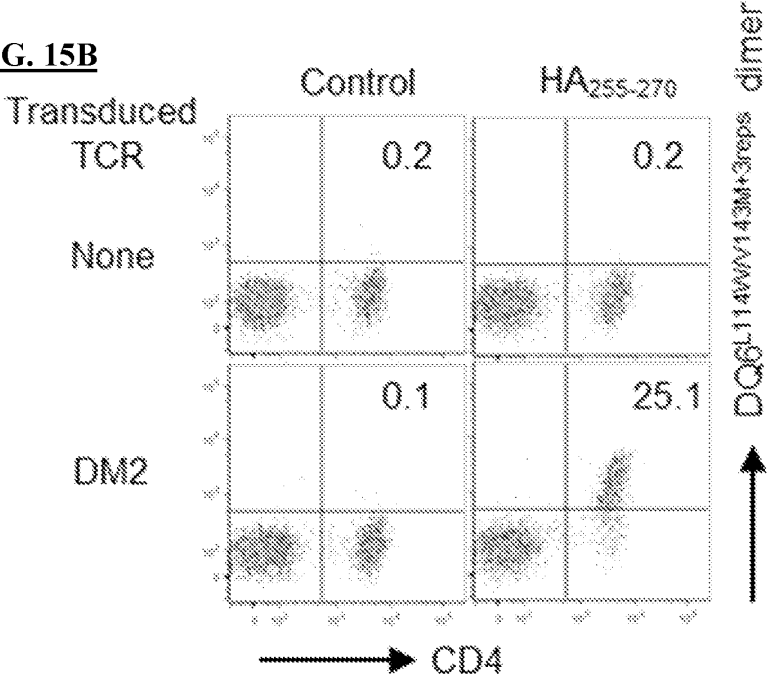


FIG. 15B



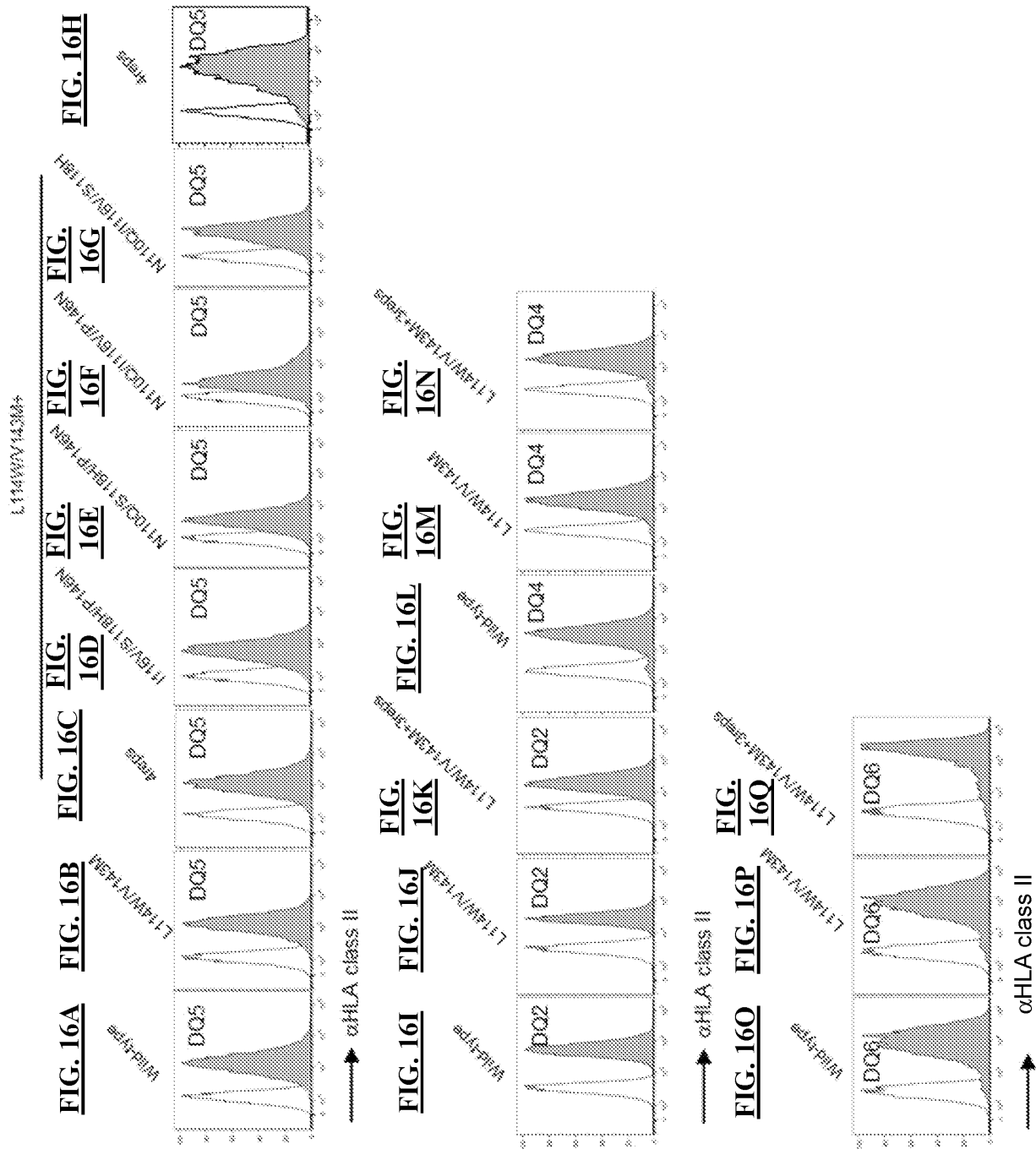


FIG. 17A

	112	116	137	141
DPB1*04:01	L	H	T	V
	114	118	139	143
DRB1*01:01	L	S	K	V
DRB1*01:01 ^{L114W/V143M+6reps}	W	H	I	M
	144	155	161	162
DPB1*04:01	N	I	M	T
	146	157	163	164
DRB1*01:01	G	T	T	V
DRB1*01:01 ^{L114W/V143M+6reps}	N	L	M	I

FIG. 17B

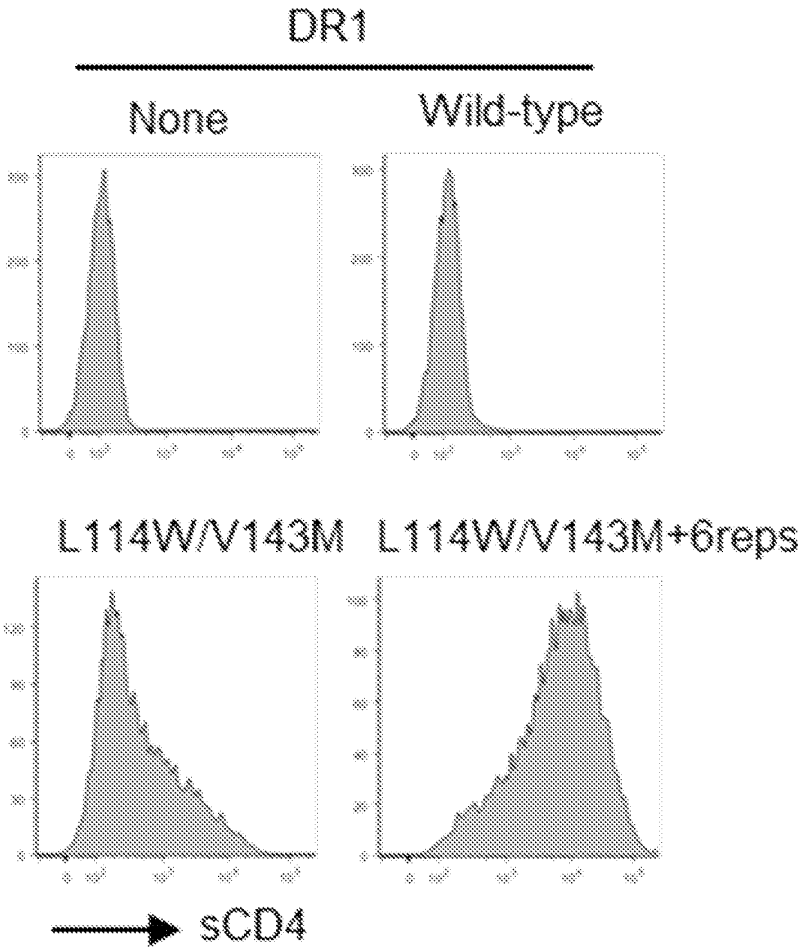


FIG. 17C

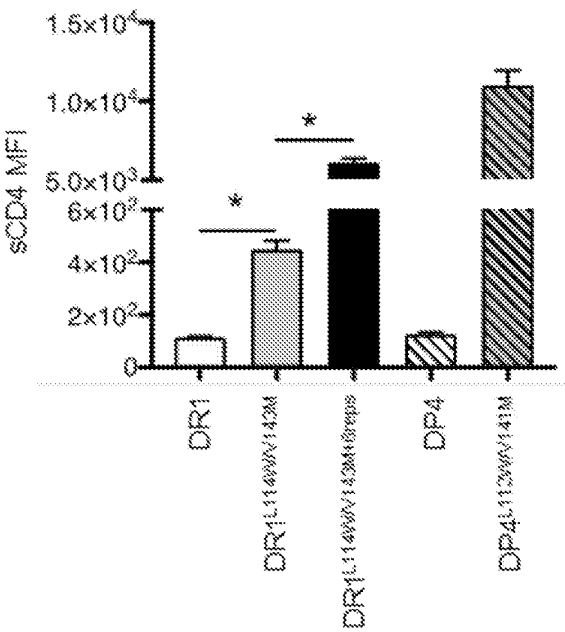


FIG. 17D

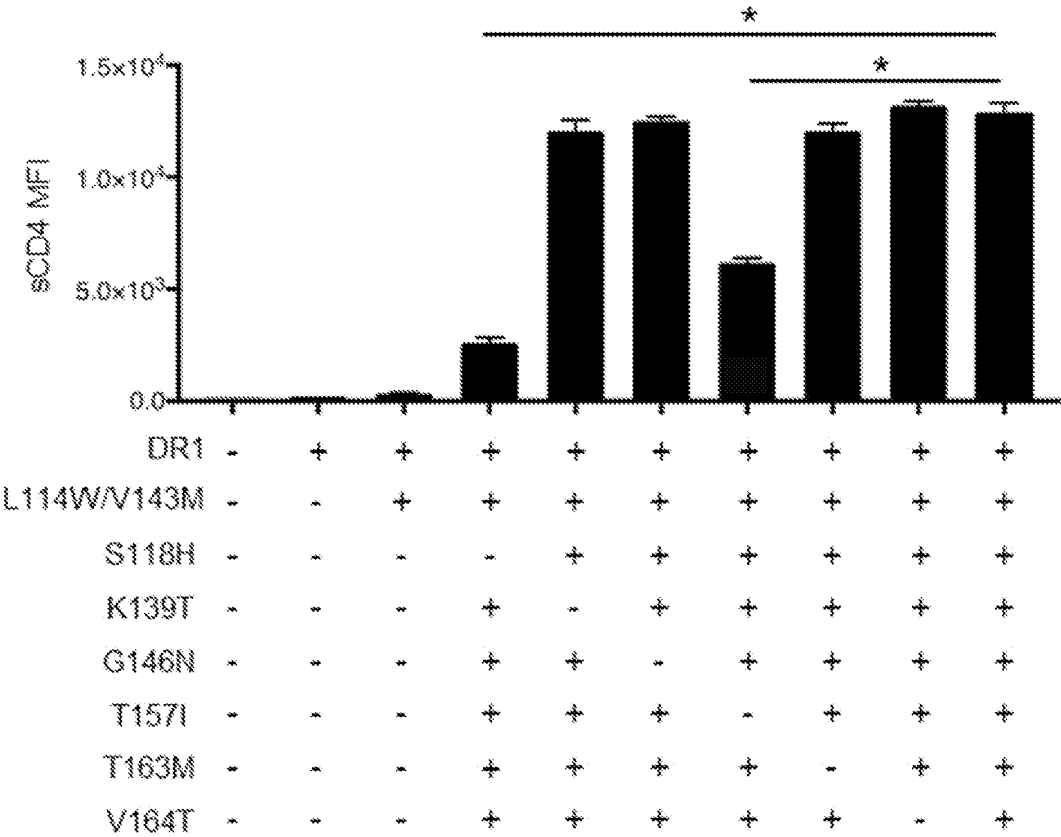
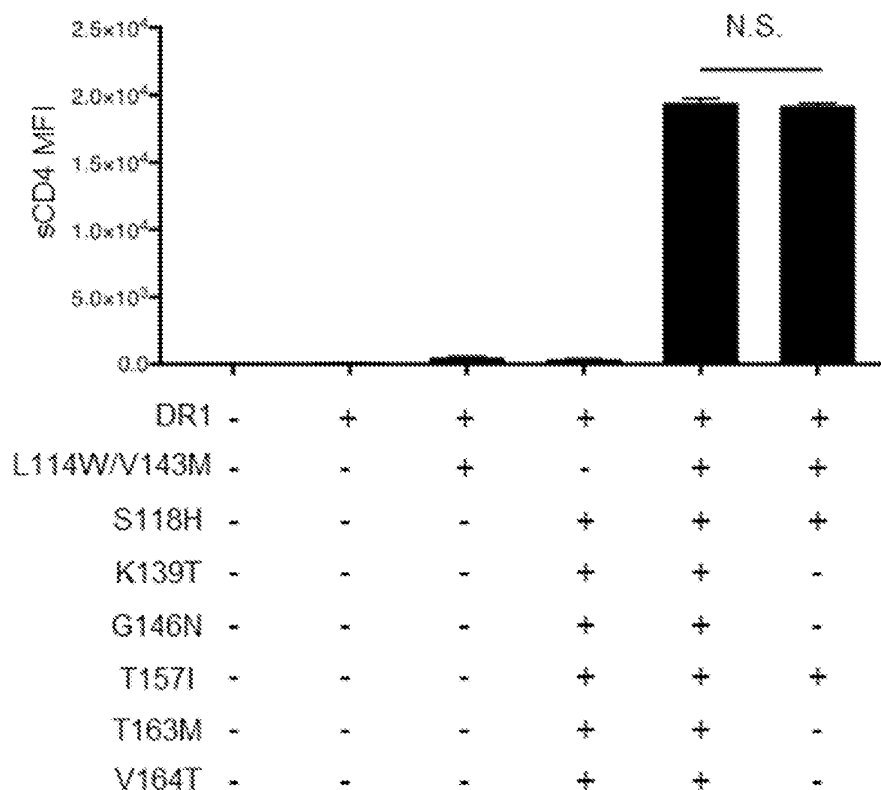


FIG. 17E**FIG. 17F**

	112	116	137	141	144	155	161	162
DPB1*04:01	L	H	T	V	N	I	M	T
	114	118	139	143	146	157	163	164
DRB1*01:01	L	S	K	V	G	T	T	V
DRB1*03:01	L	S	K	V	G	T	T	V
DRB1*04:01	L	S	K	V	G	T	T	V
DRB1*07:01	L	S	K	V	G	T	T	V
DRB1*10:01	L	S	K	V	G	T	T	V
DRB1*11:01	L	S	K	V	G	T	T	V
DRB1*13:01	L	S	K	V	G	T	T	V
DRB1* ¹ L114W/V143M+6reps	<u>W</u>	<u>H</u>	<u>T</u>	<u>M</u>	<u>N</u>	<u>I</u>	<u>M</u>	<u>T</u>
DRB1* ¹ L114W/V143M+2reps	<u>W</u>	<u>H</u>	<u>K</u>	<u>M</u>	<u>G</u>	<u>I</u>	<u>T</u>	<u>V</u>

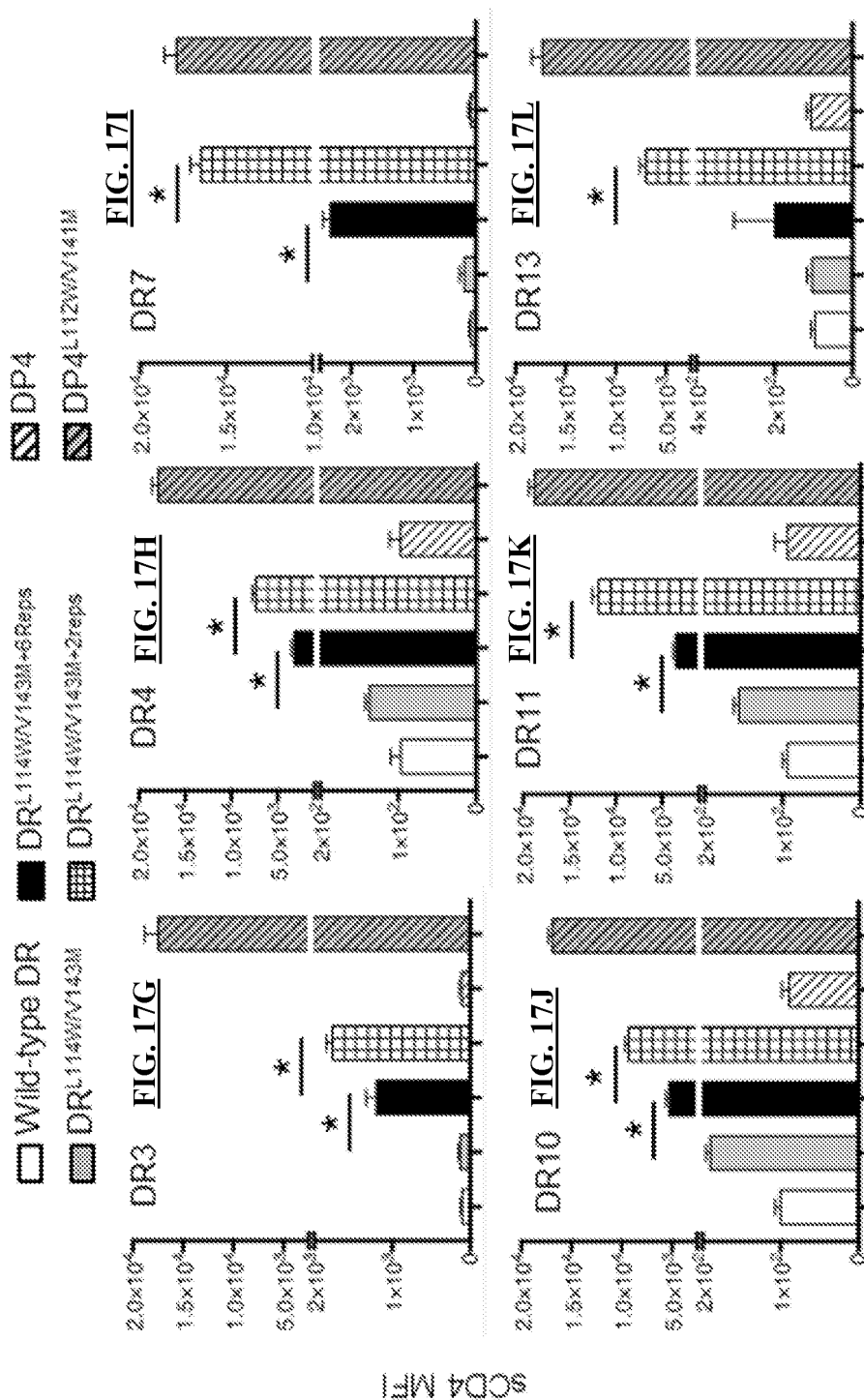


FIG. 17M

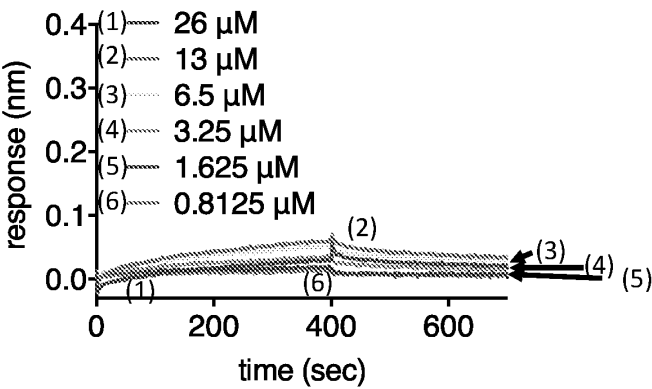


FIG. 17N

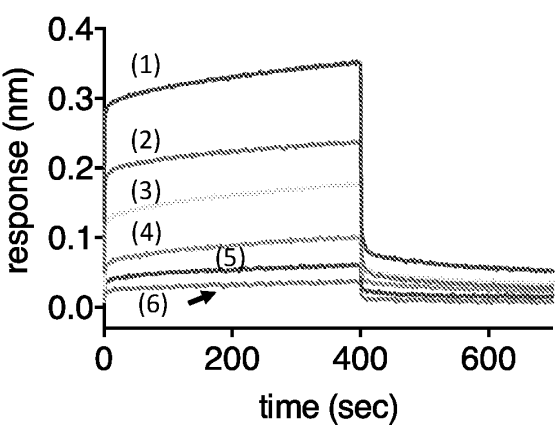


FIG. 17O

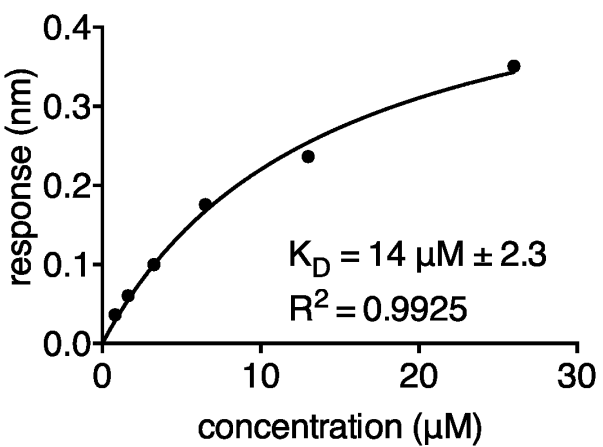


FIG. 18A

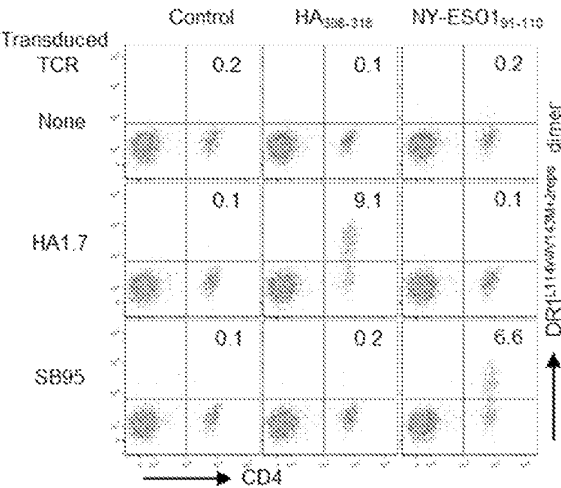


FIG. 18B

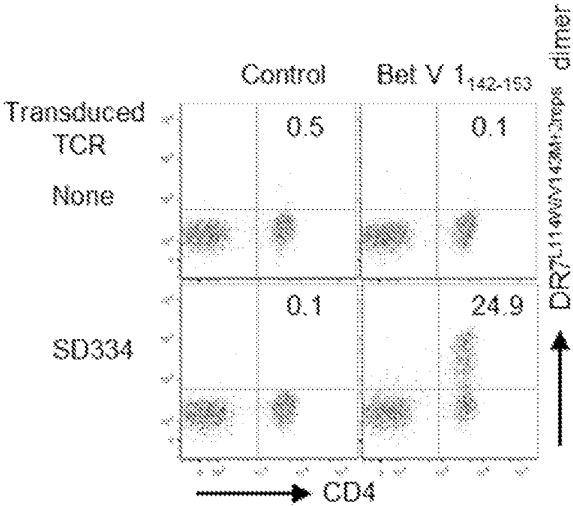


FIG. 18C

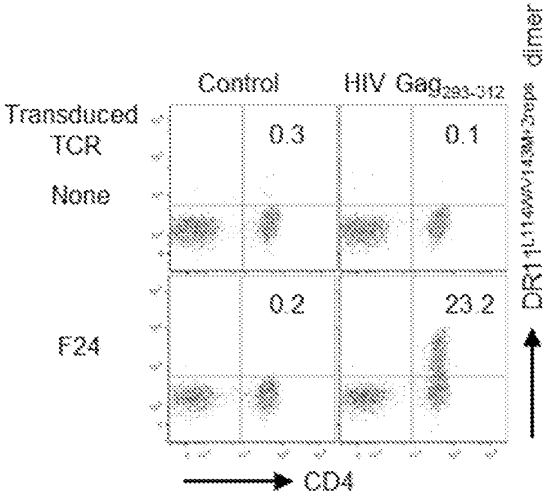


FIG. 18D

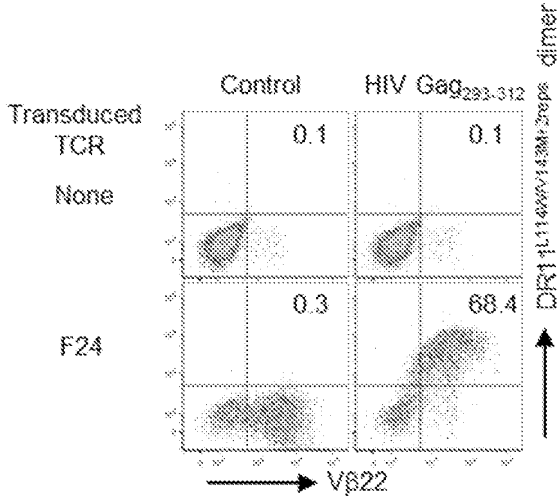


FIG. 19A

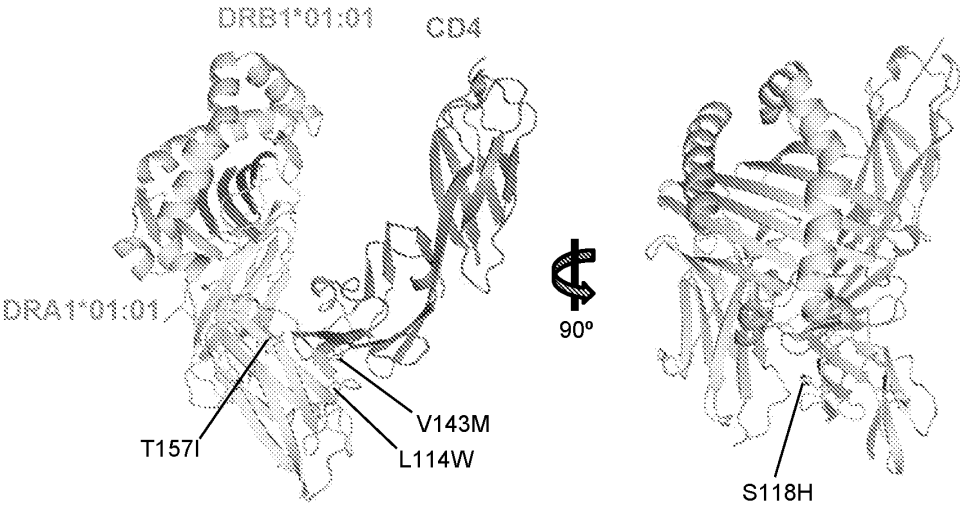


FIG. 19B

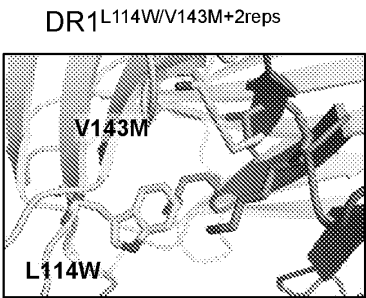
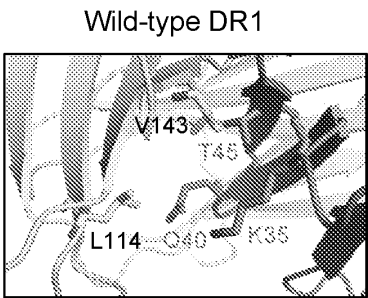


FIG. 19C

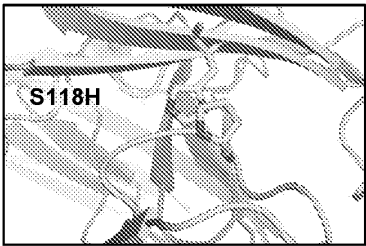
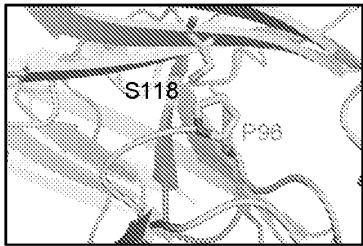
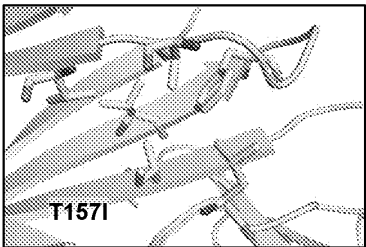
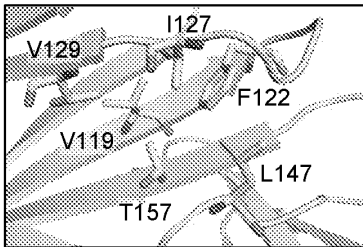
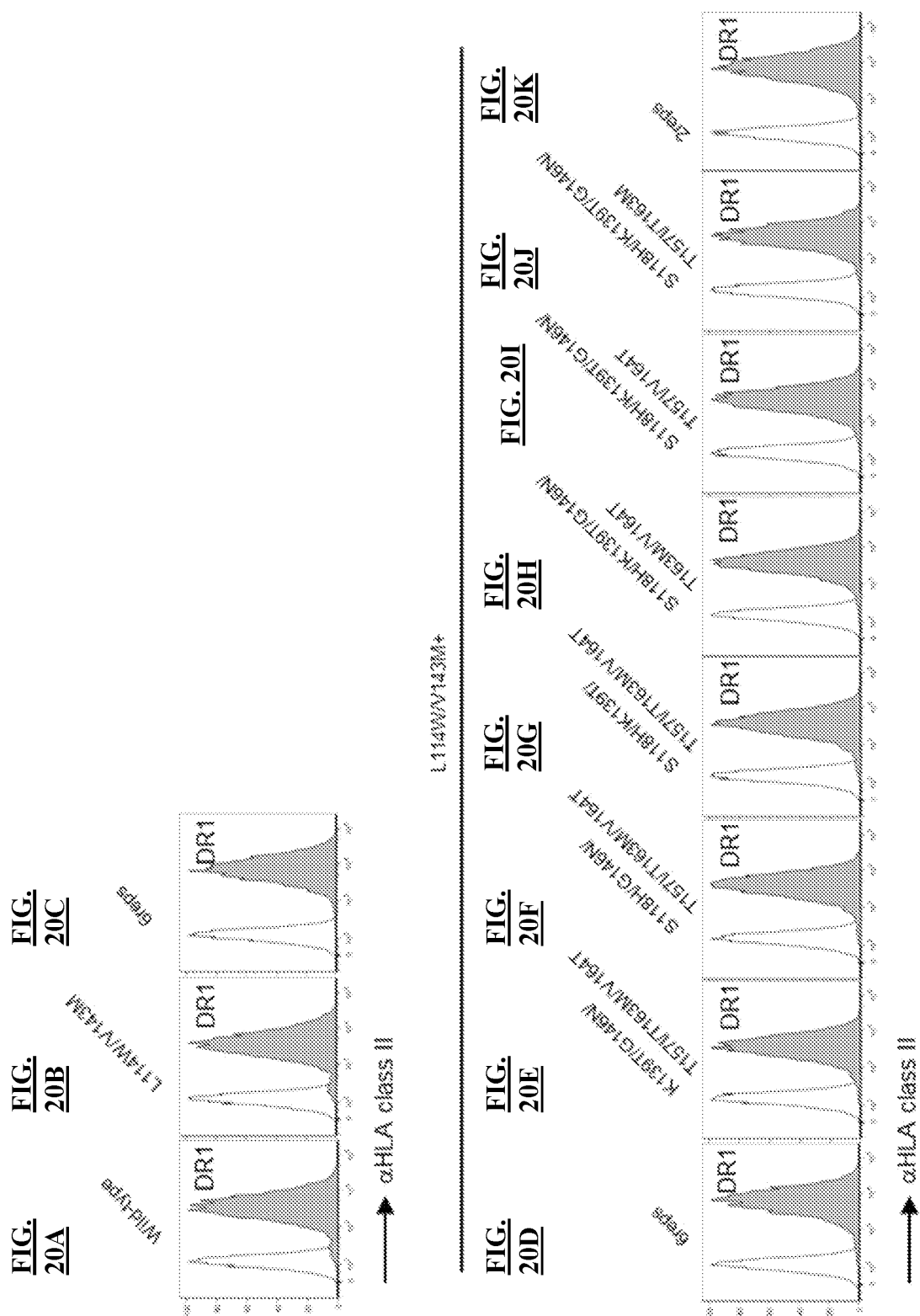
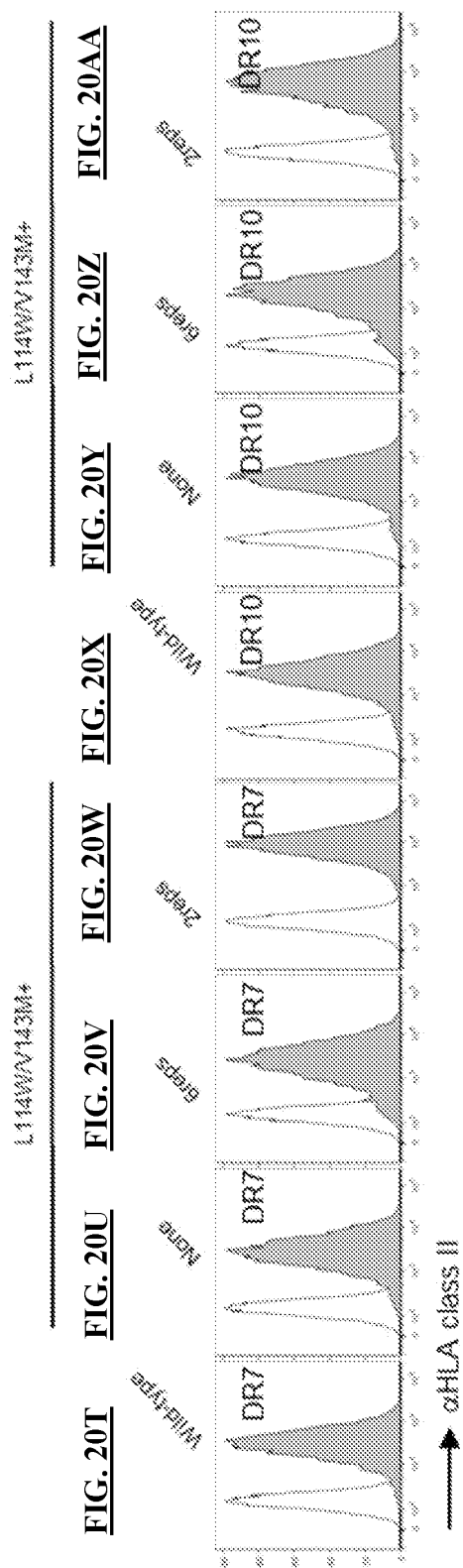
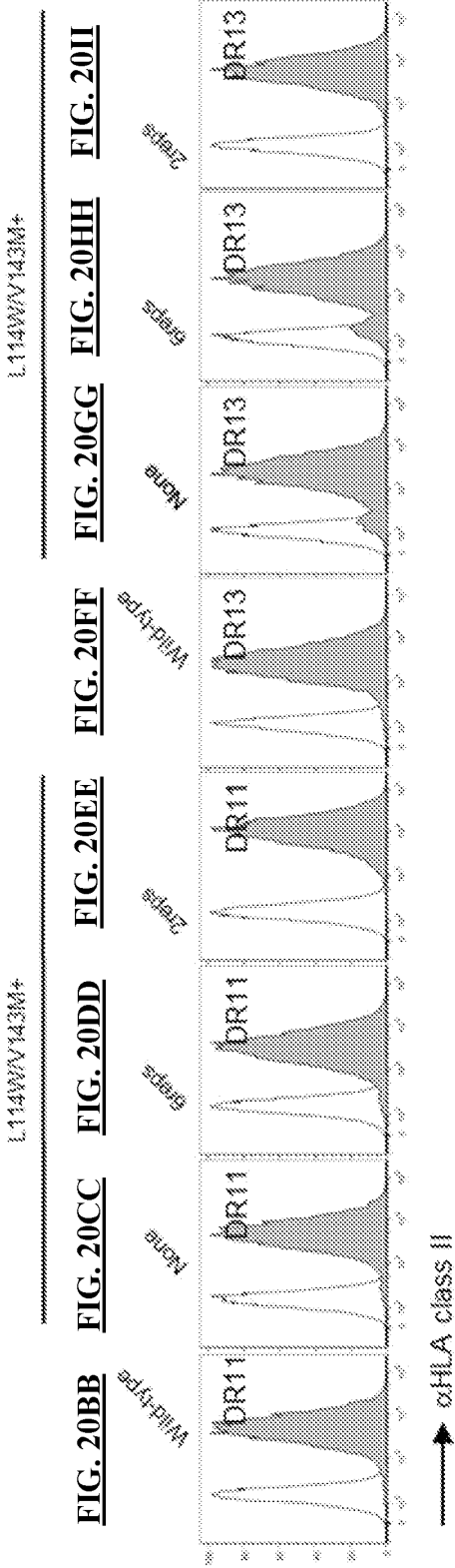


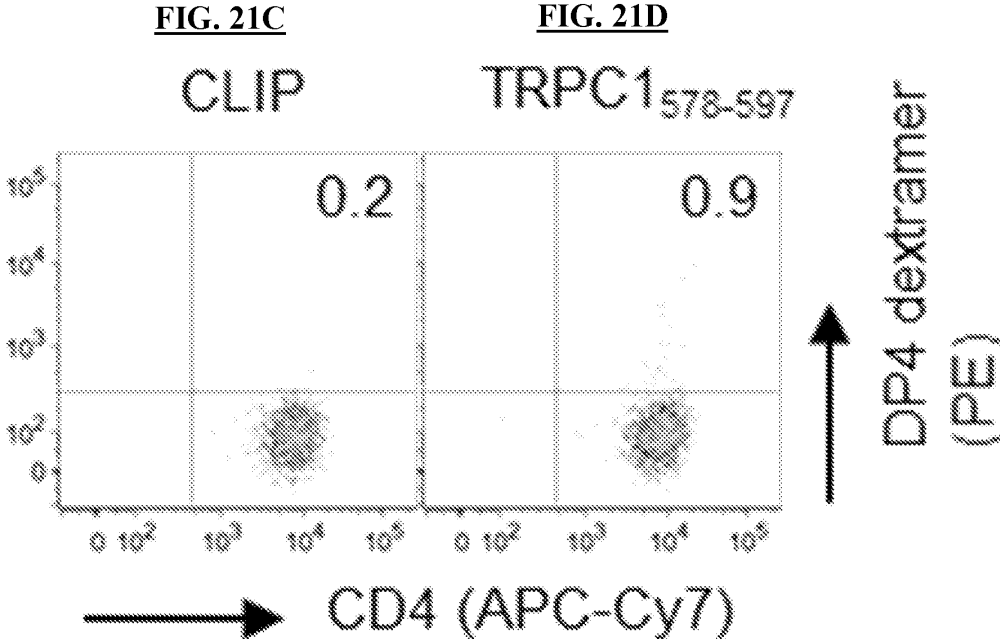
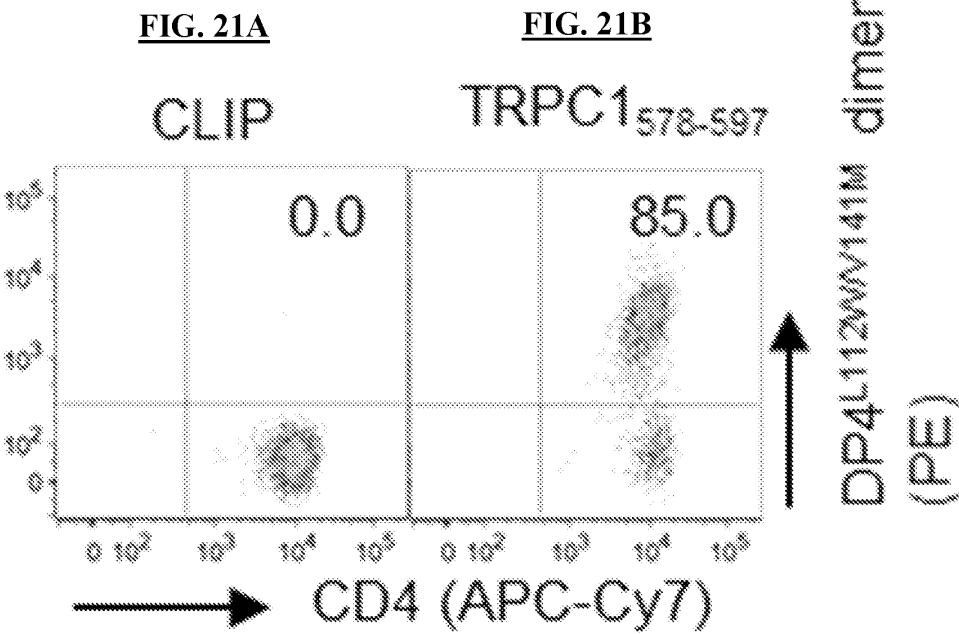
FIG. 19D

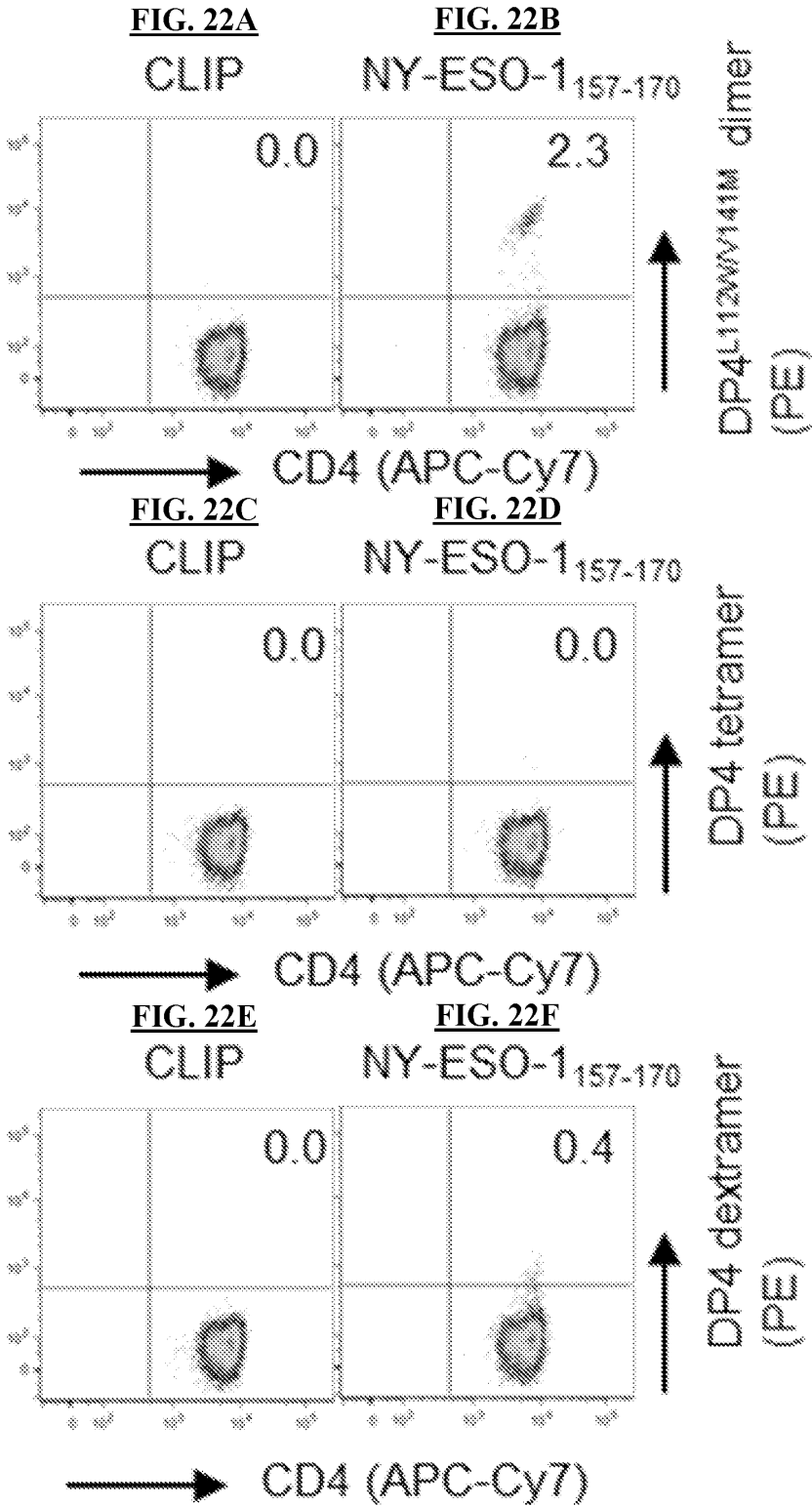


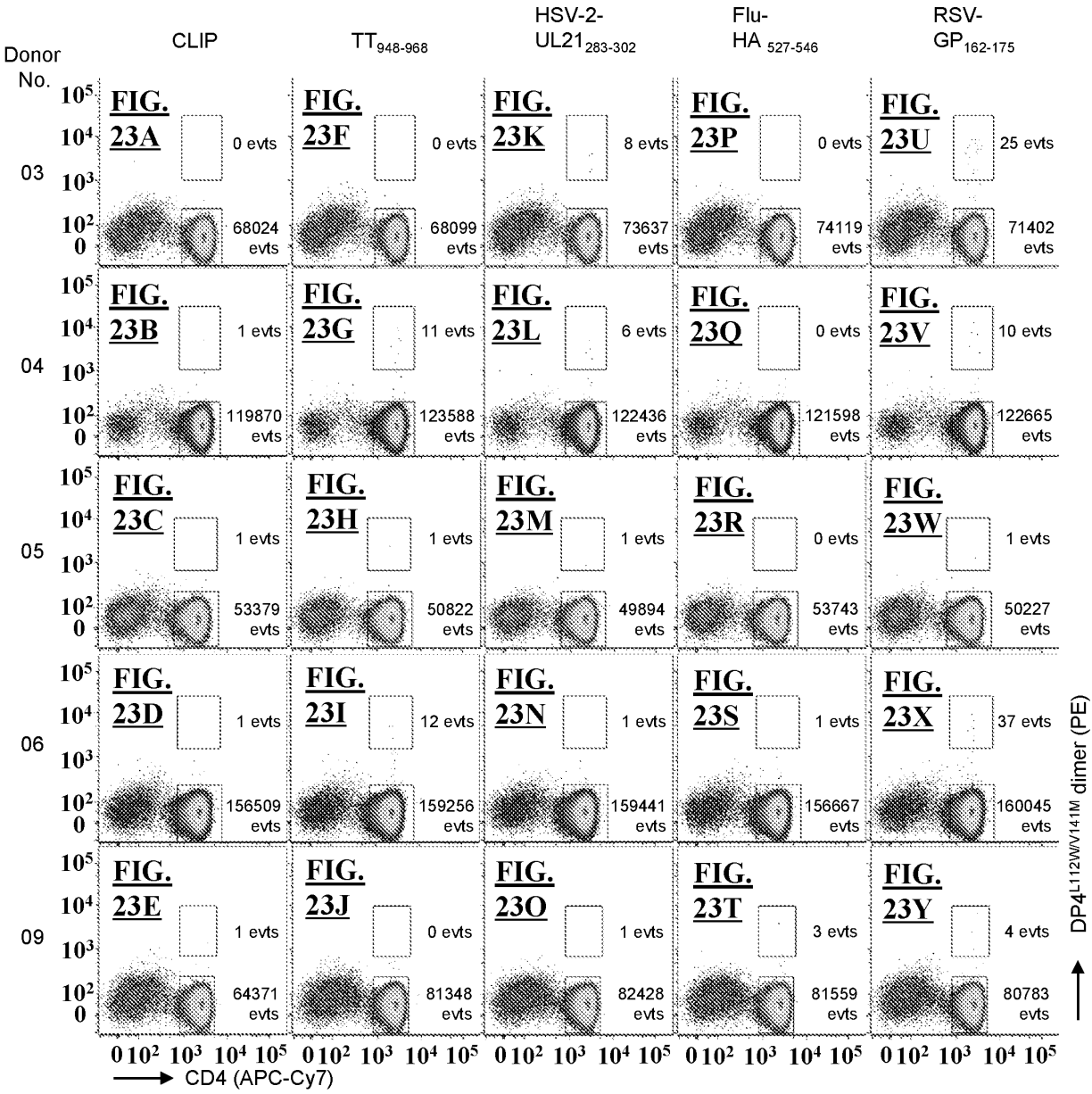


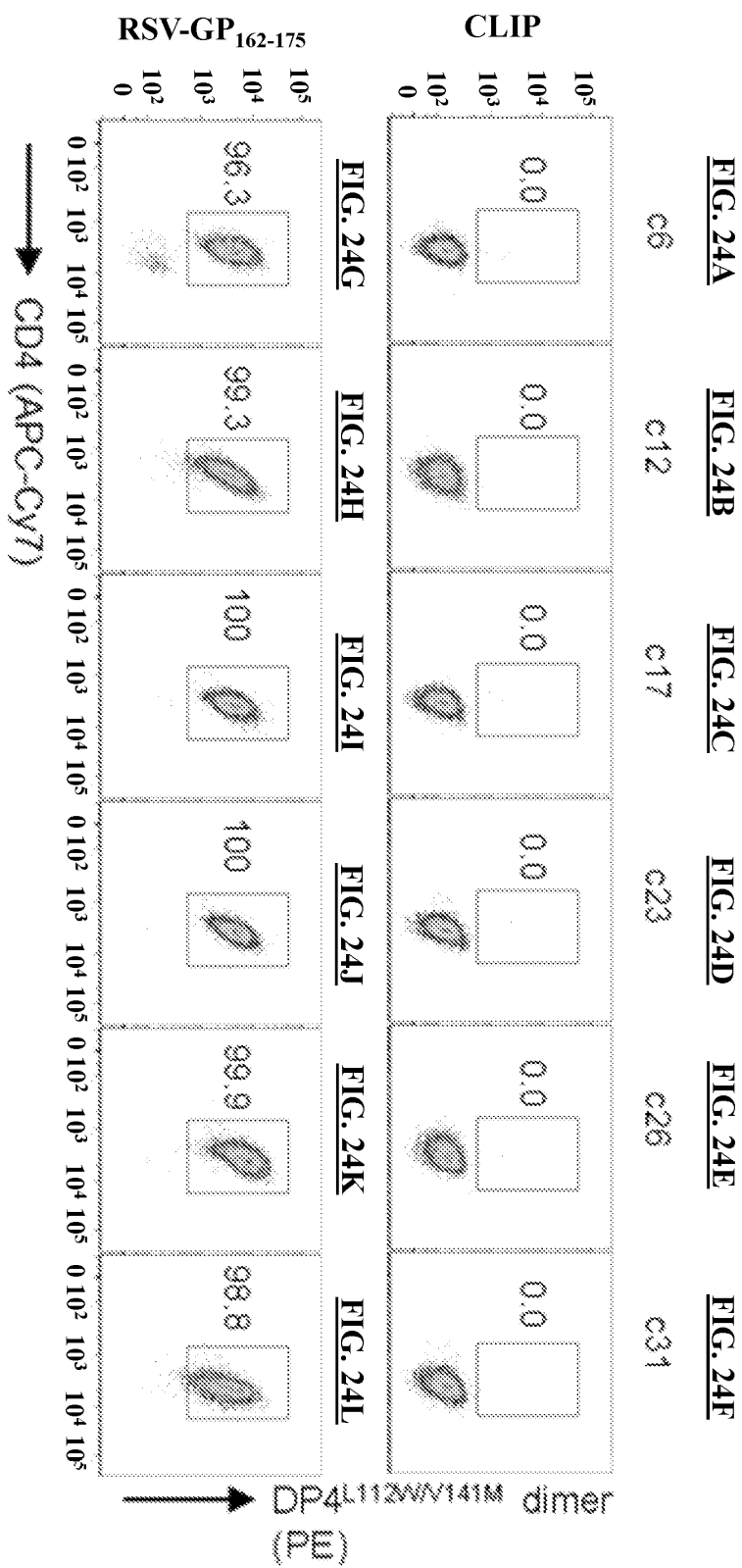












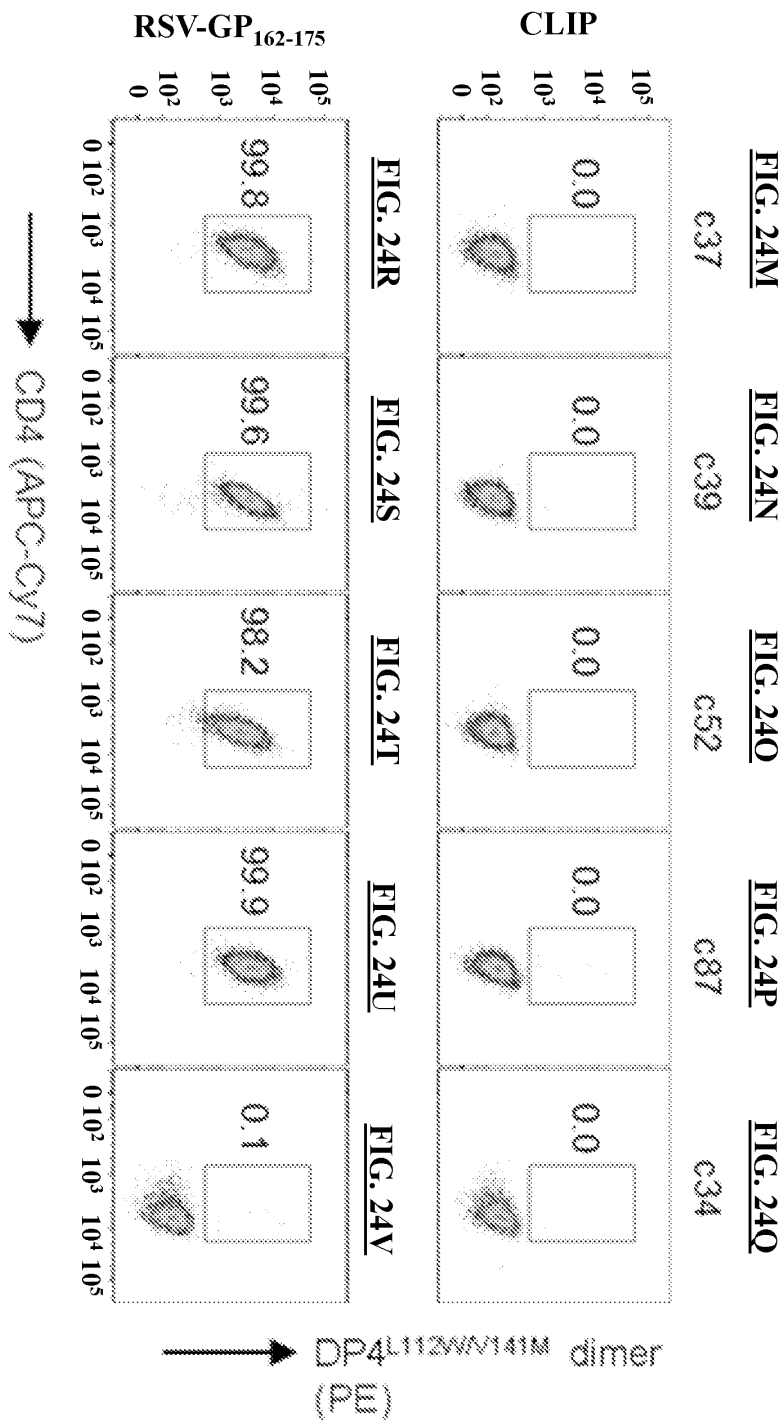
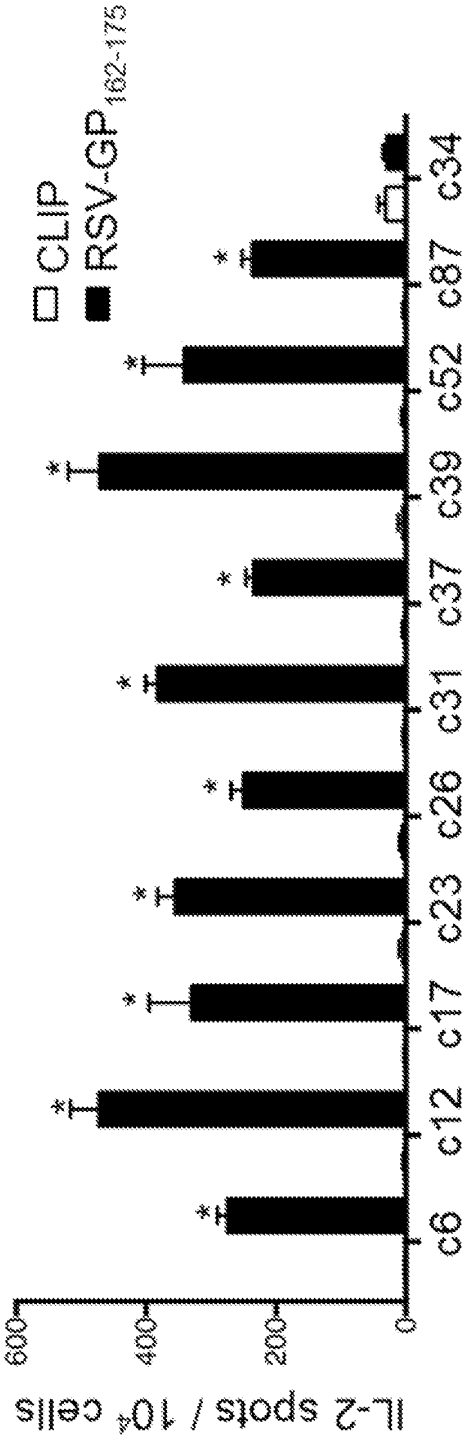
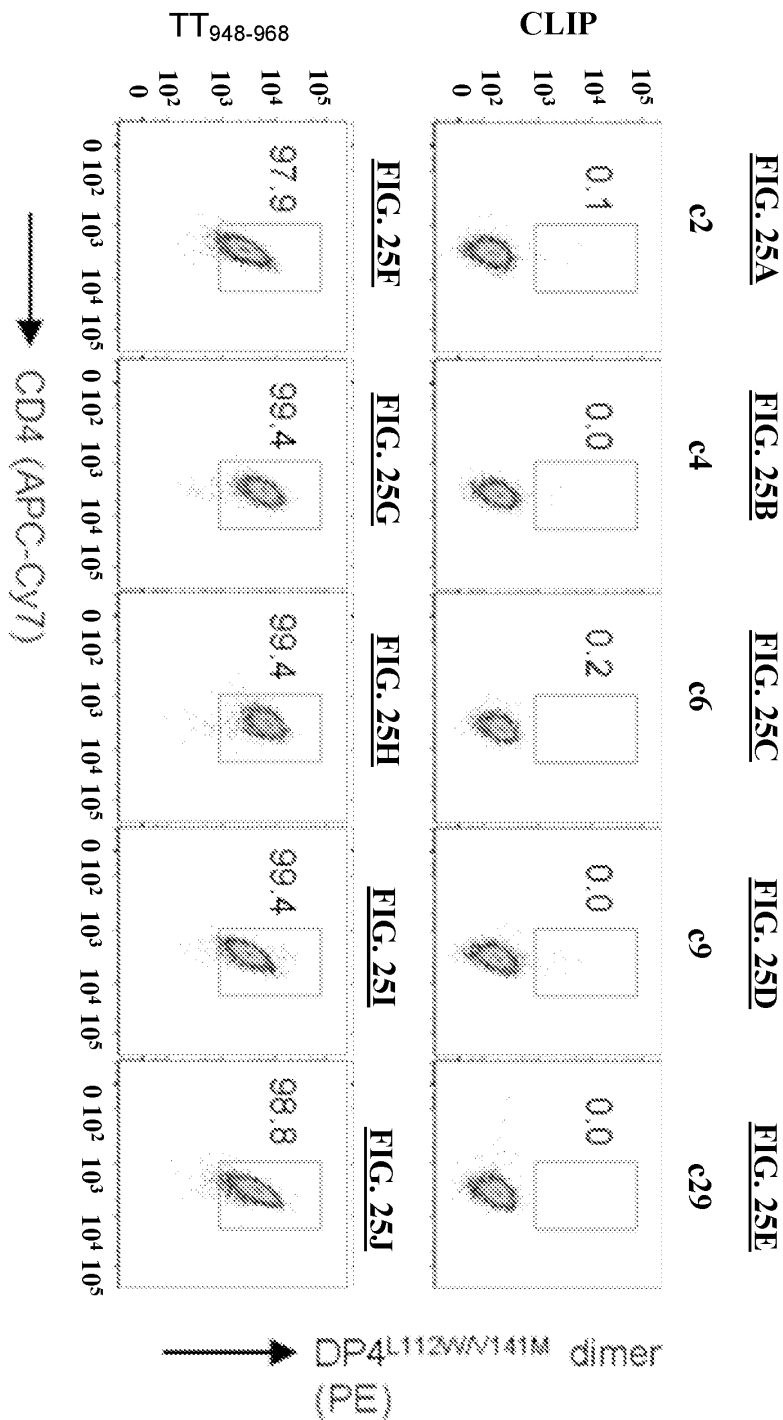


FIG. 24W





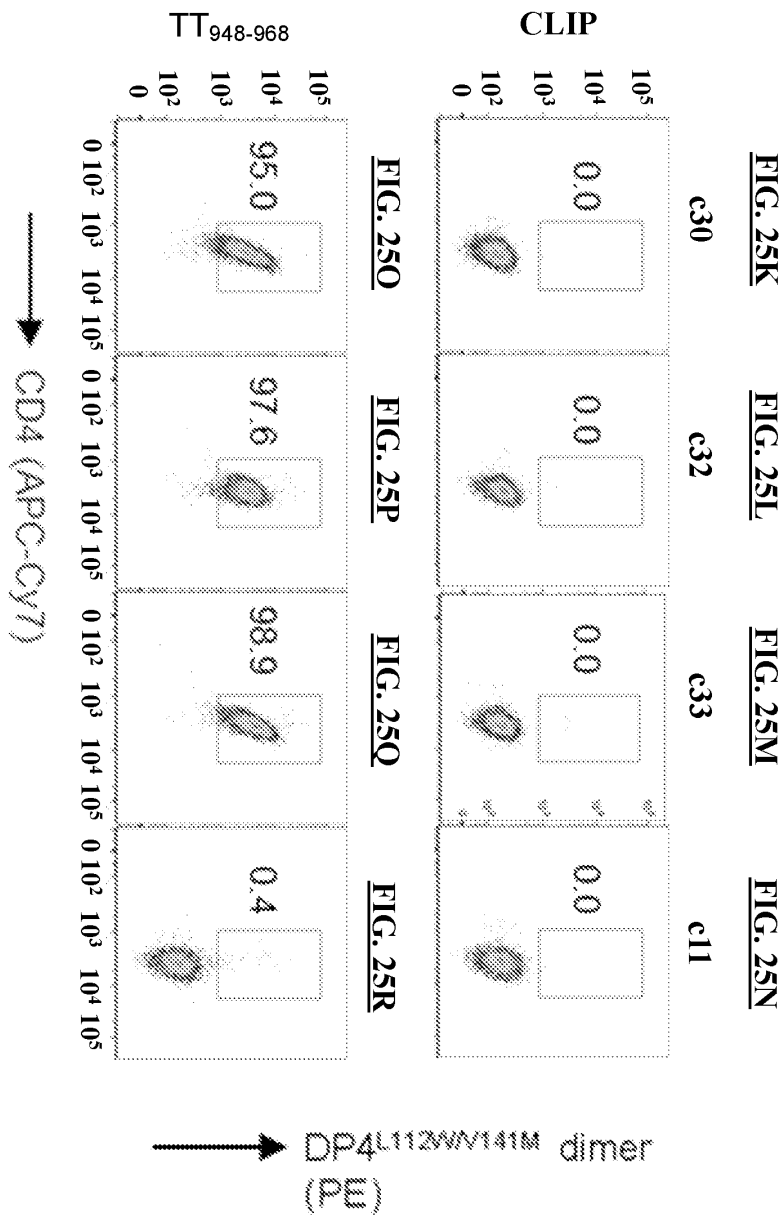
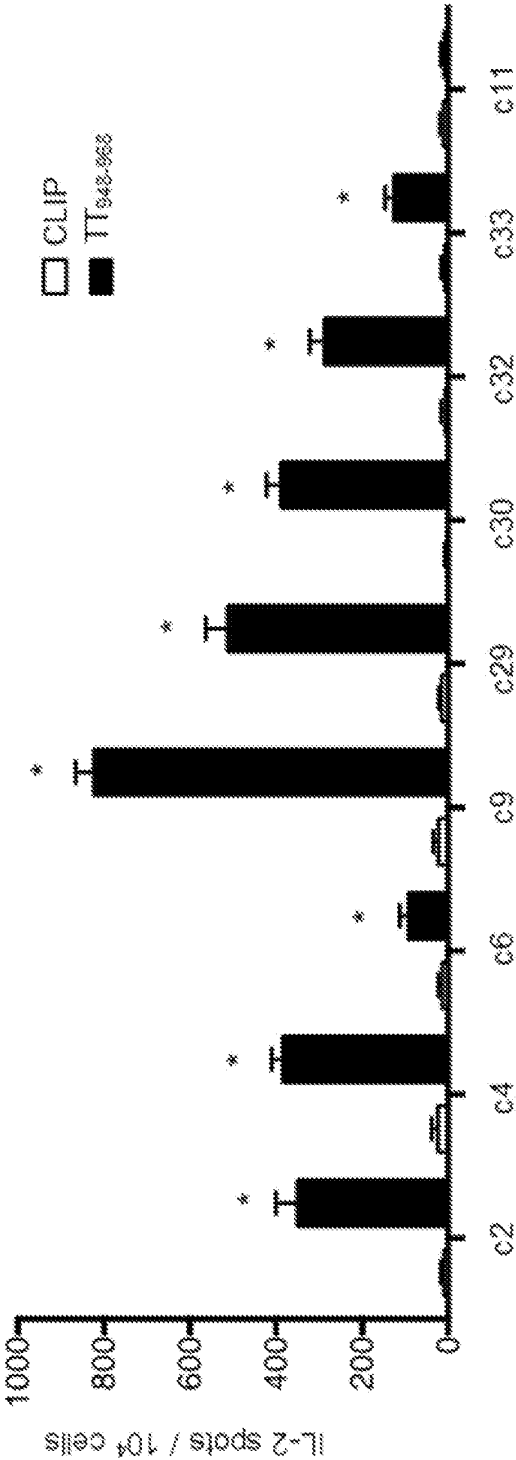
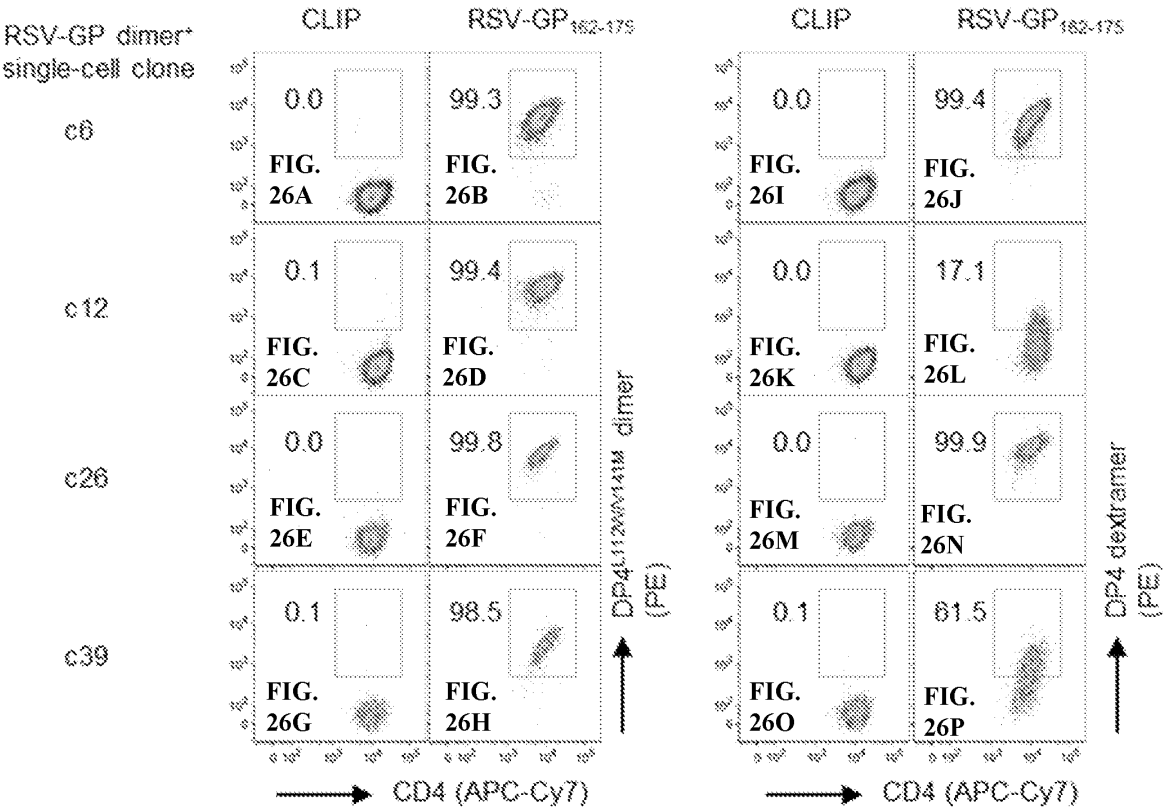
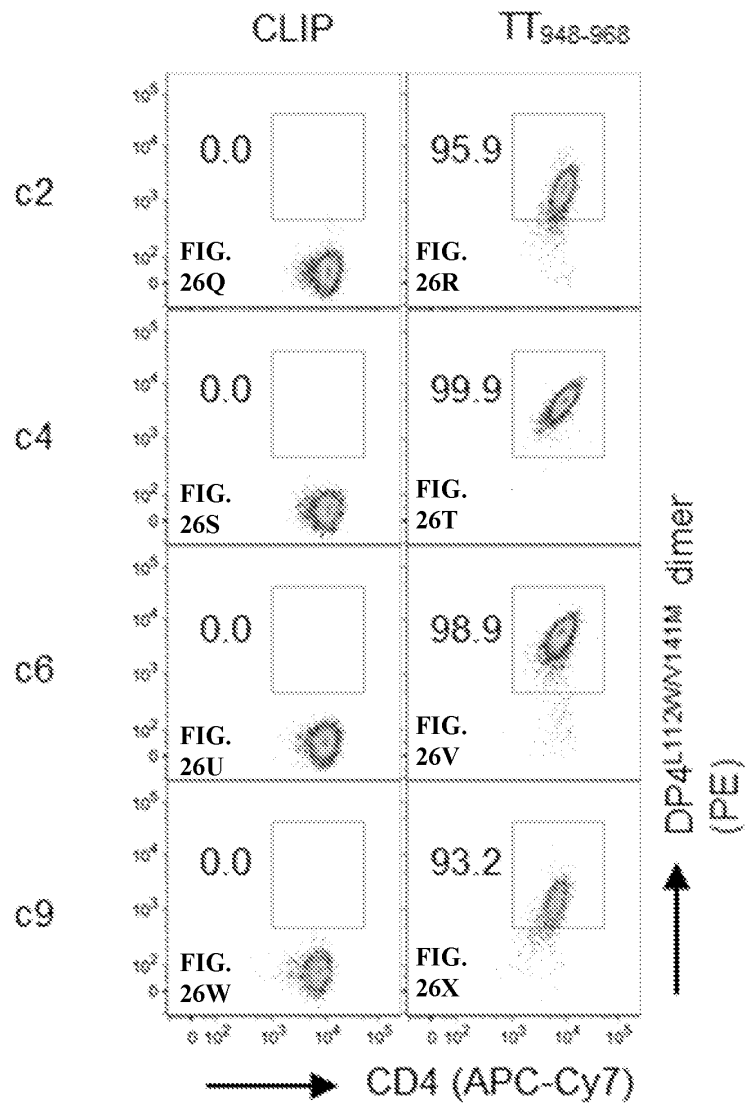
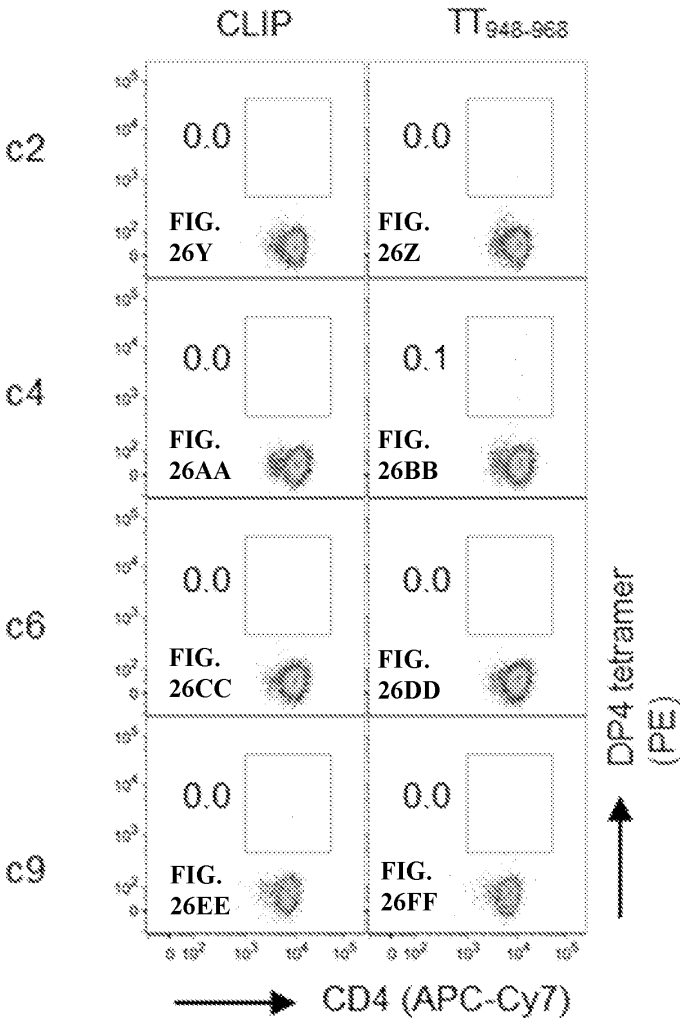


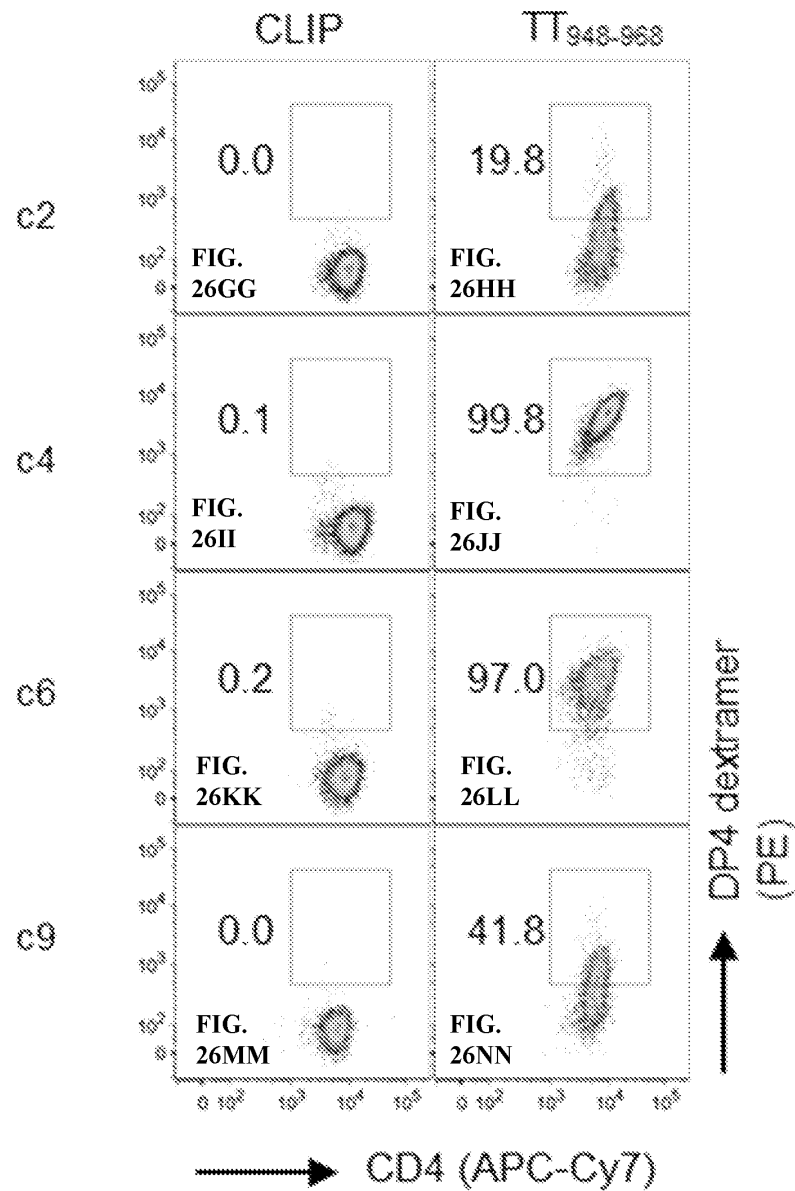
FIG. 25S

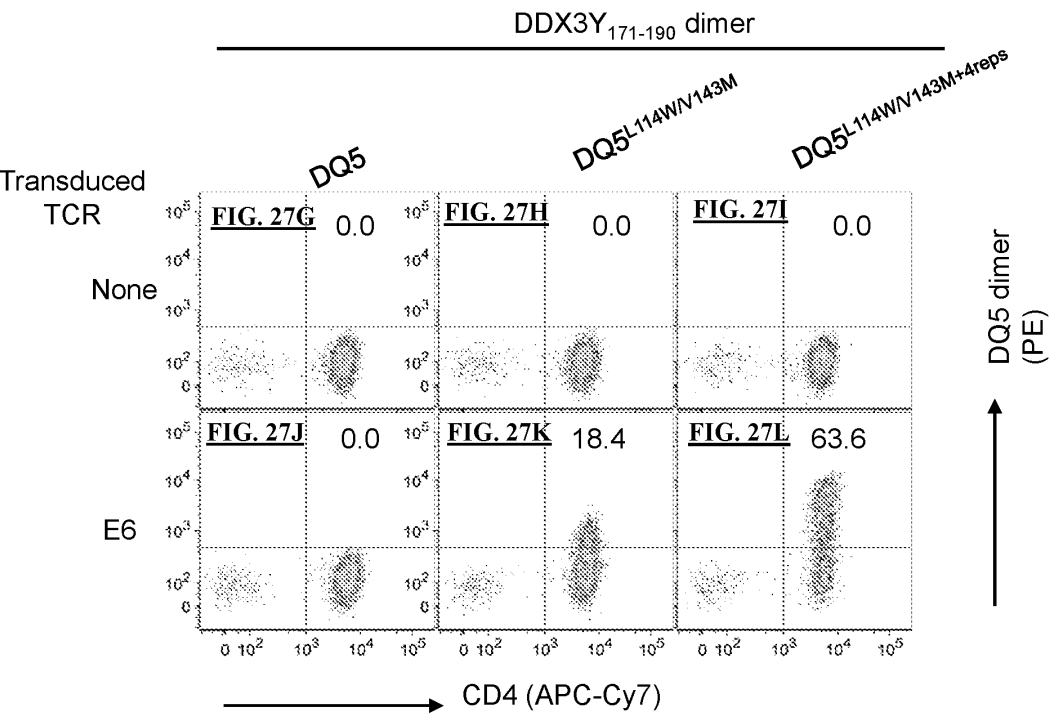
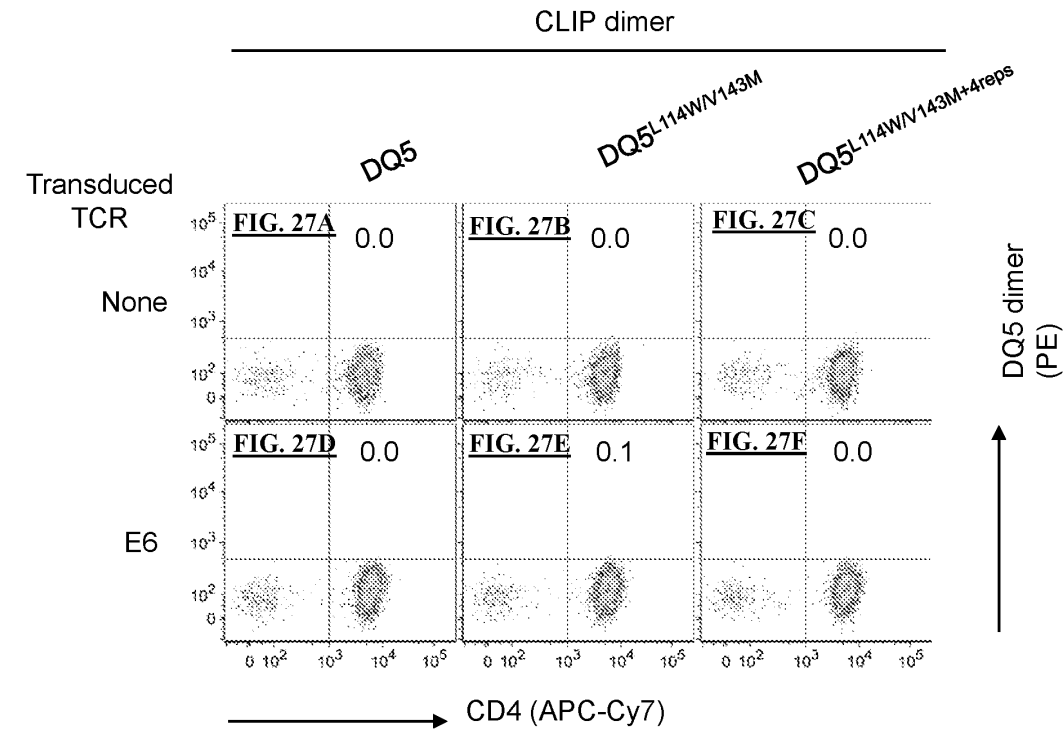


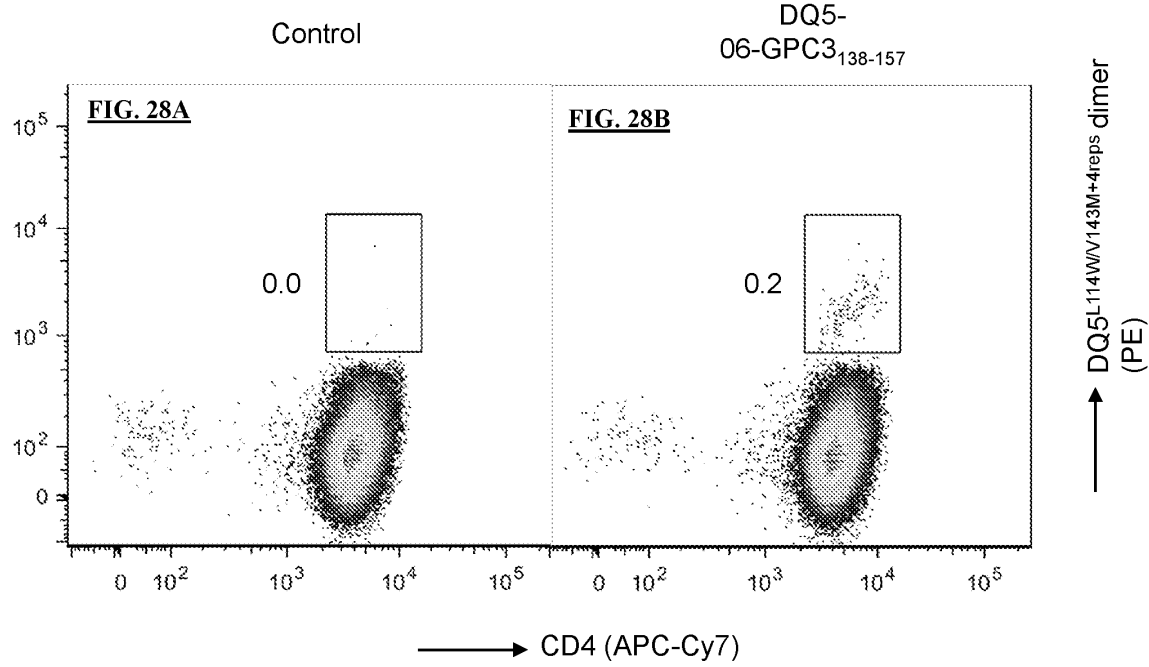












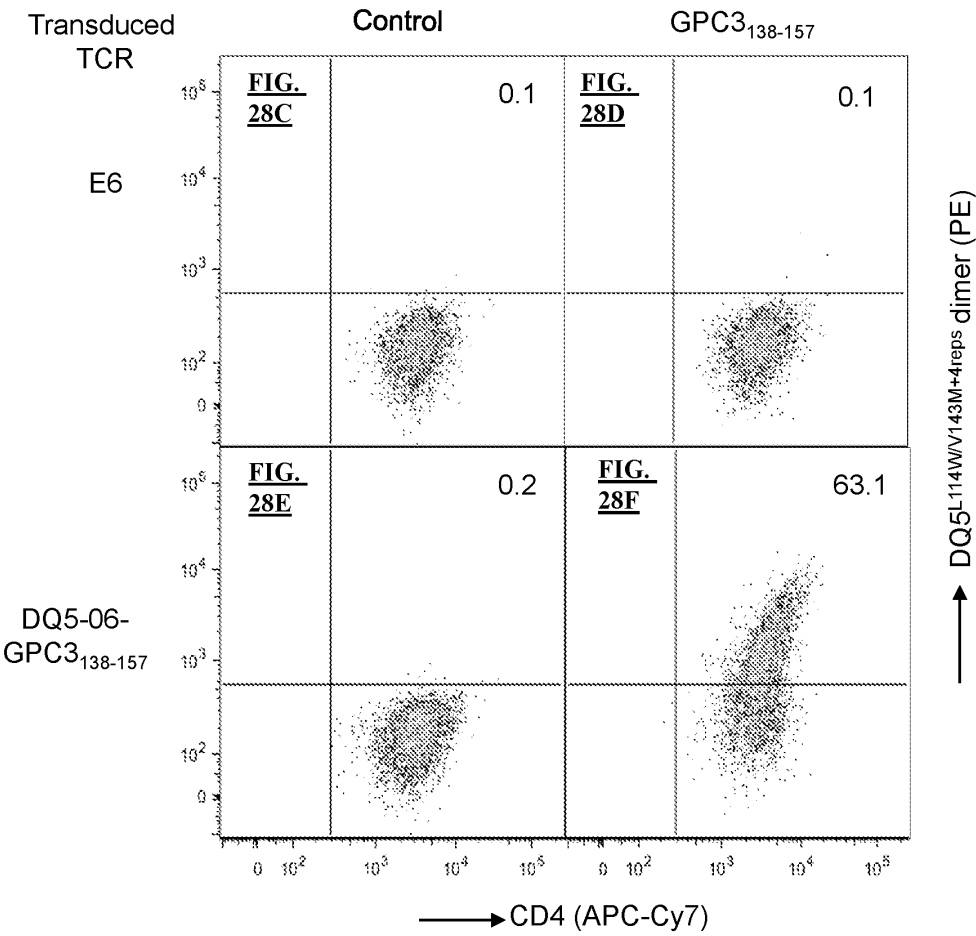
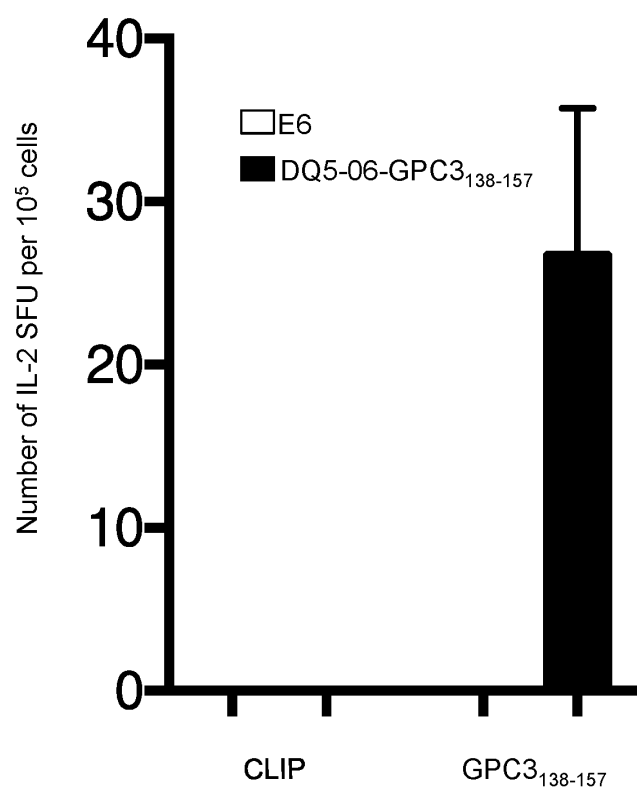
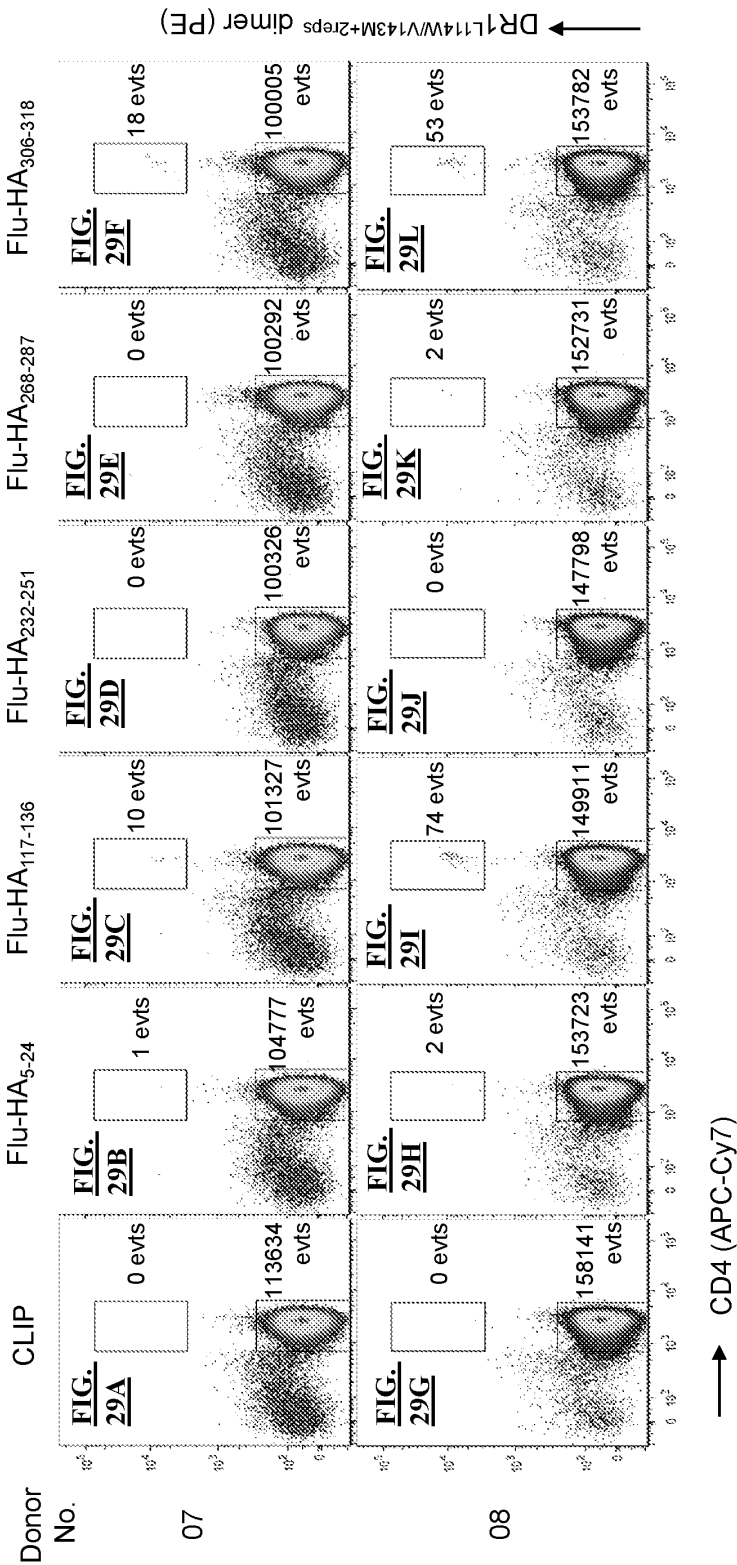
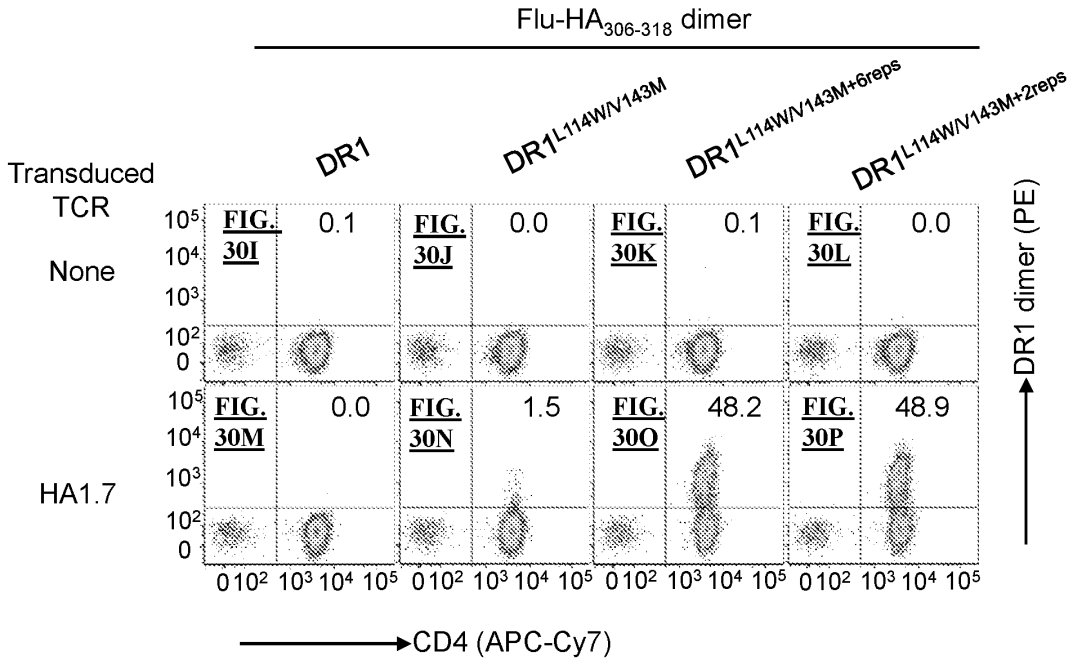
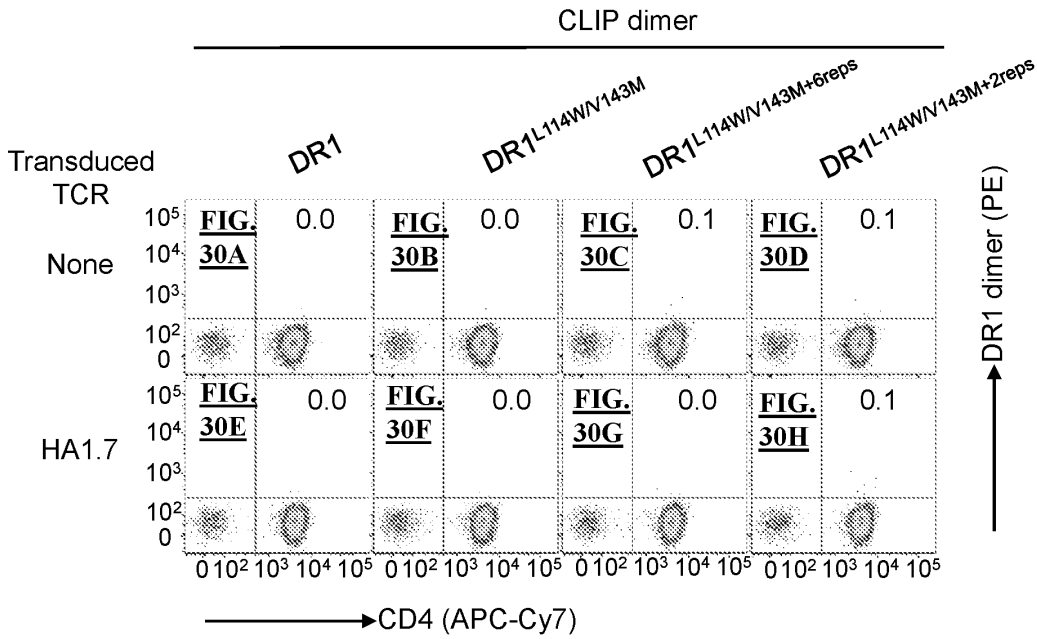
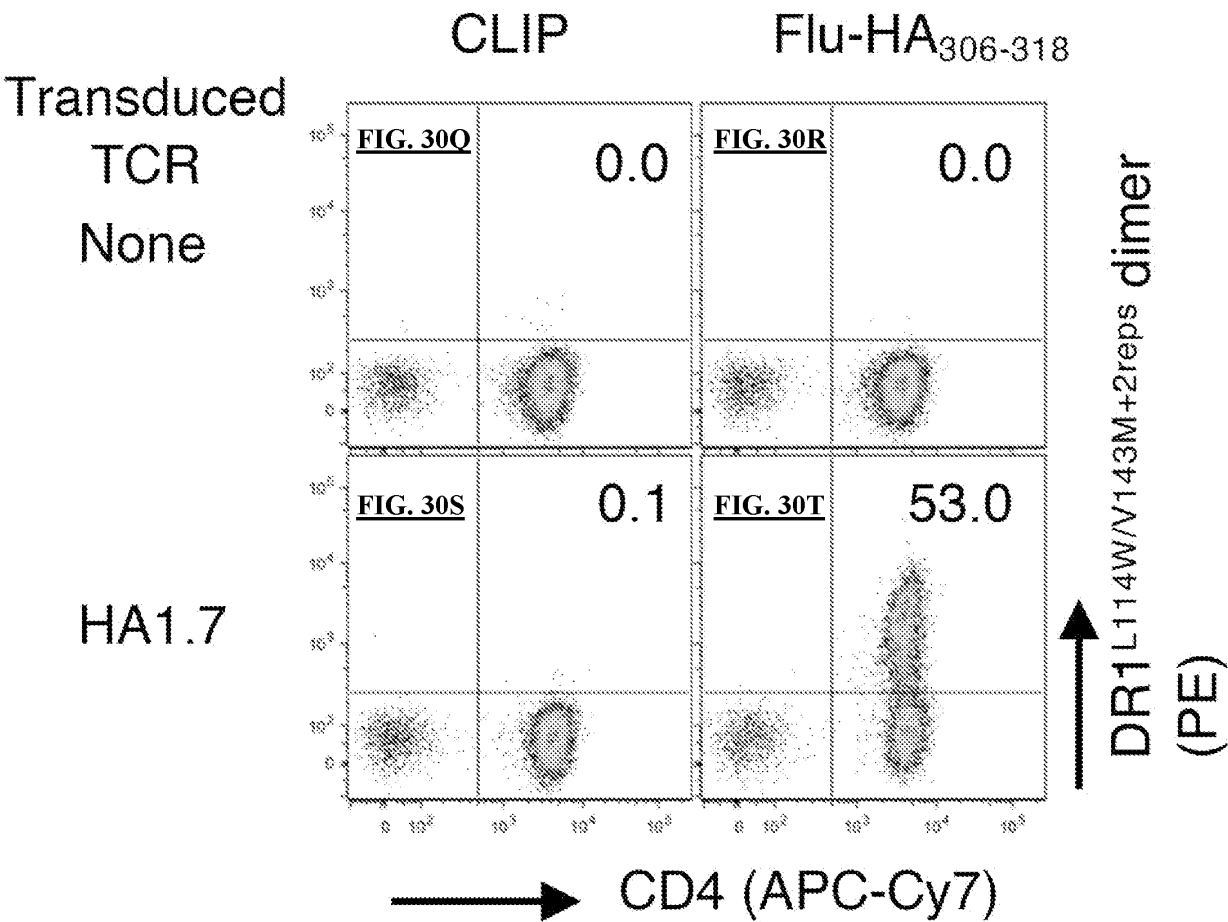
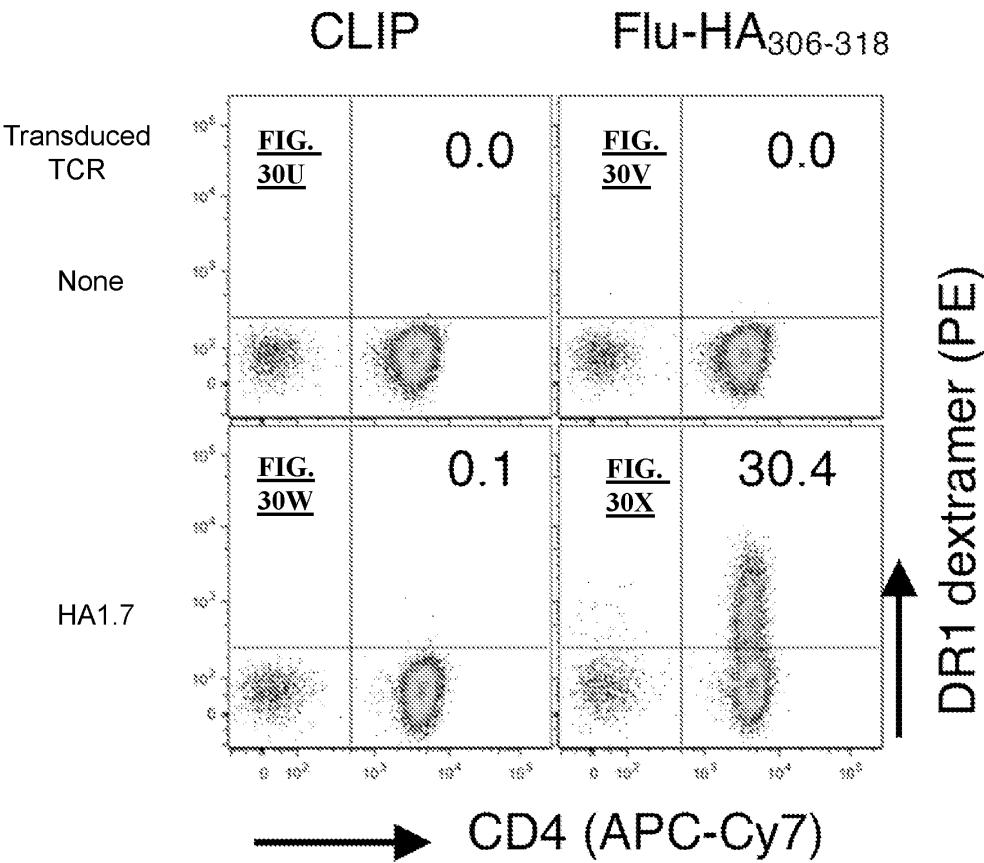


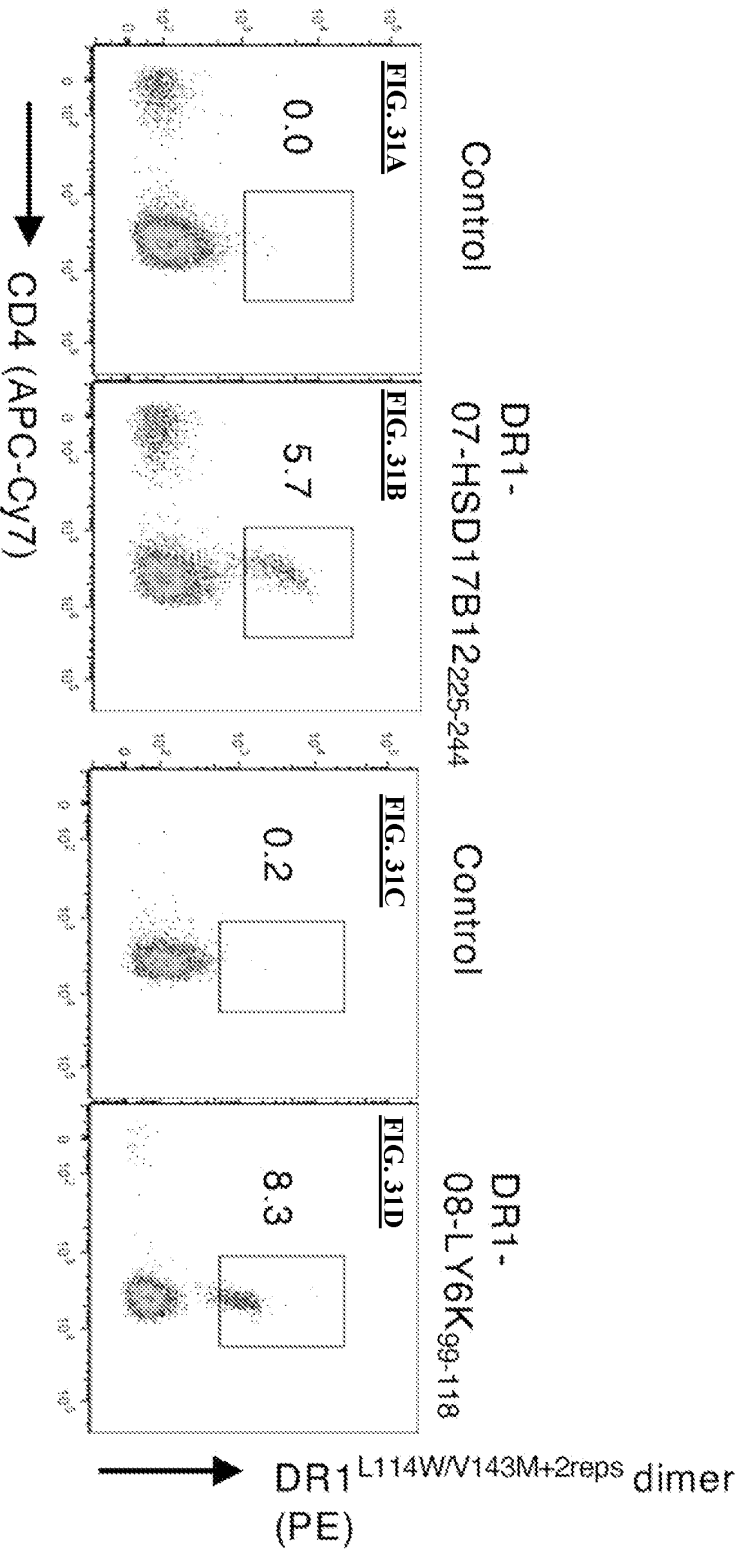
FIG. 28G











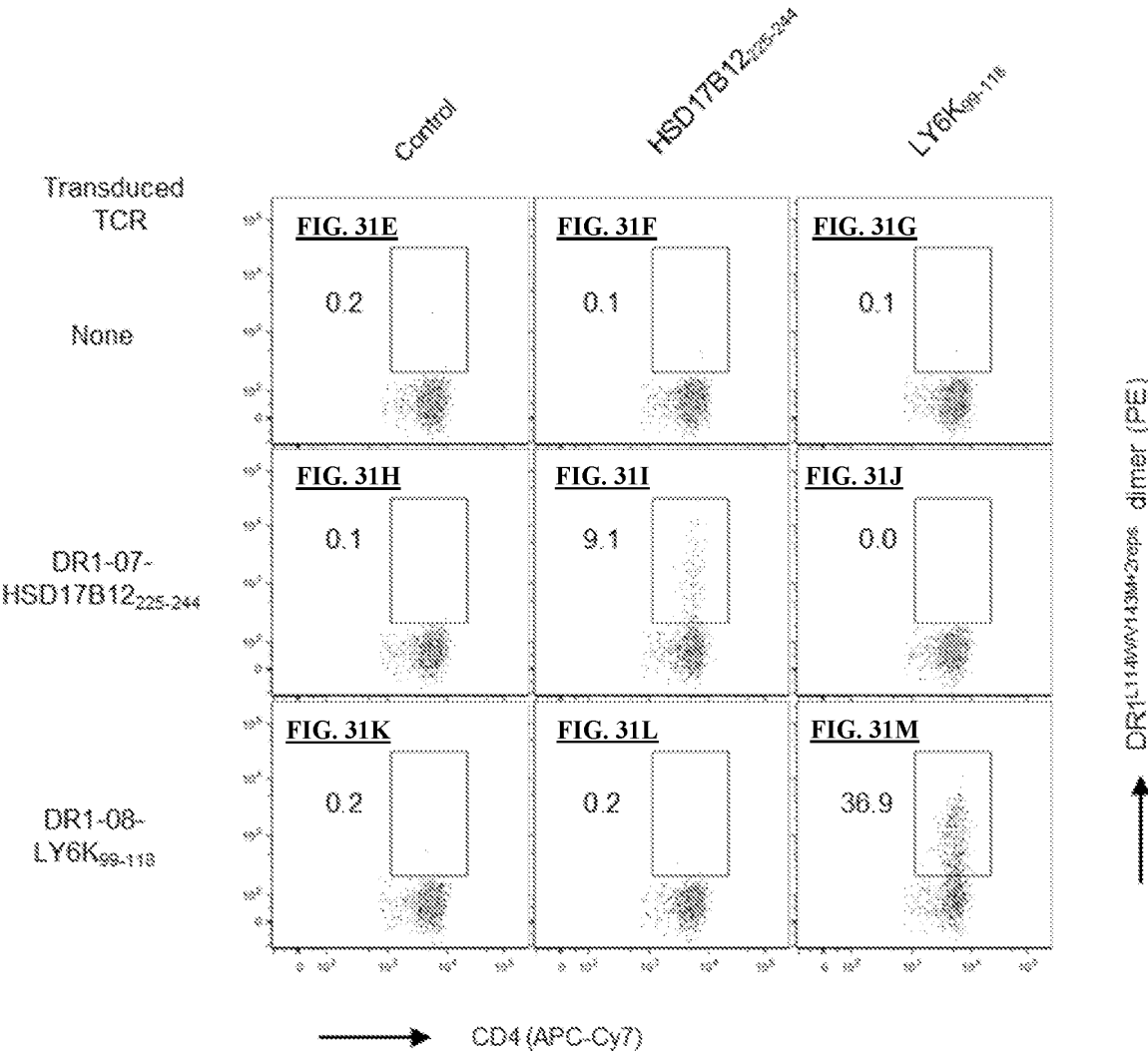


FIG. 31N

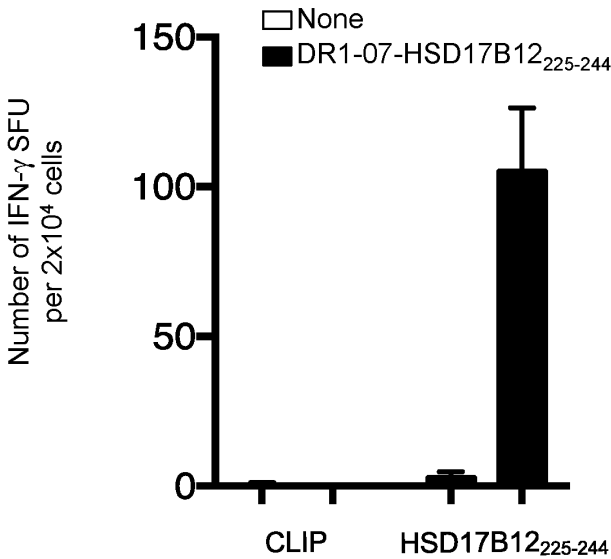


FIG. 31O

