

TRAC
Graft vs host disease

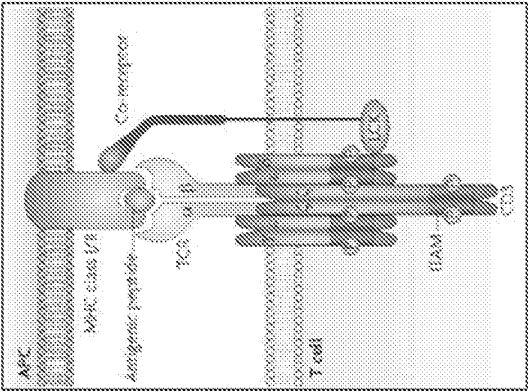


FIG. 1A

B2M
Non-self recognition by host
CD8+ T cells

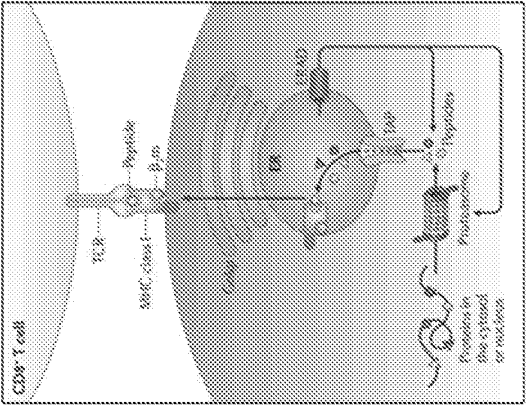


FIG. 1B

PDCD1
T cell exhaustion

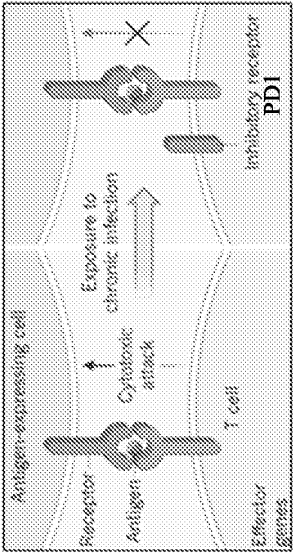


FIG. 1C

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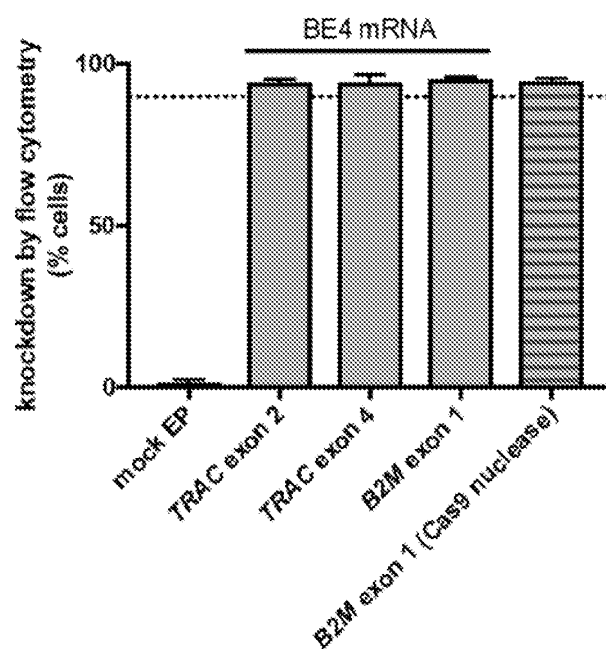


FIG. 2

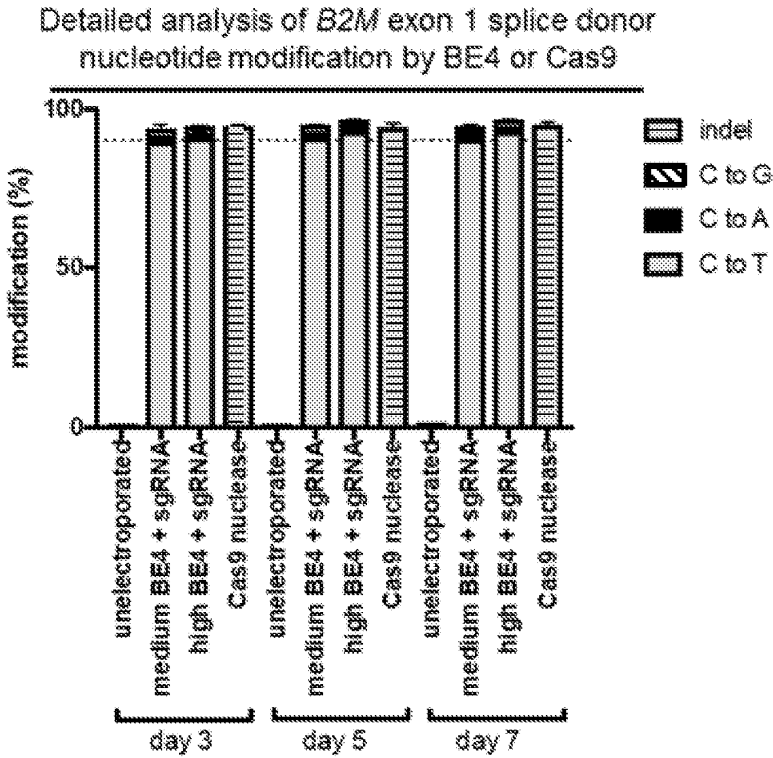


FIG. 3

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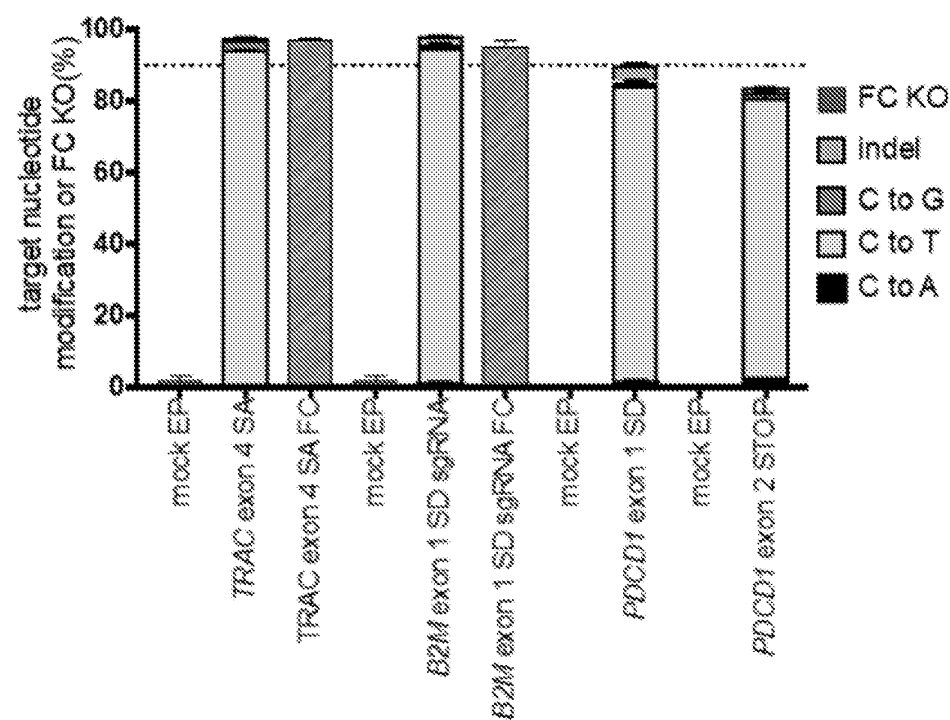


FIG. 4

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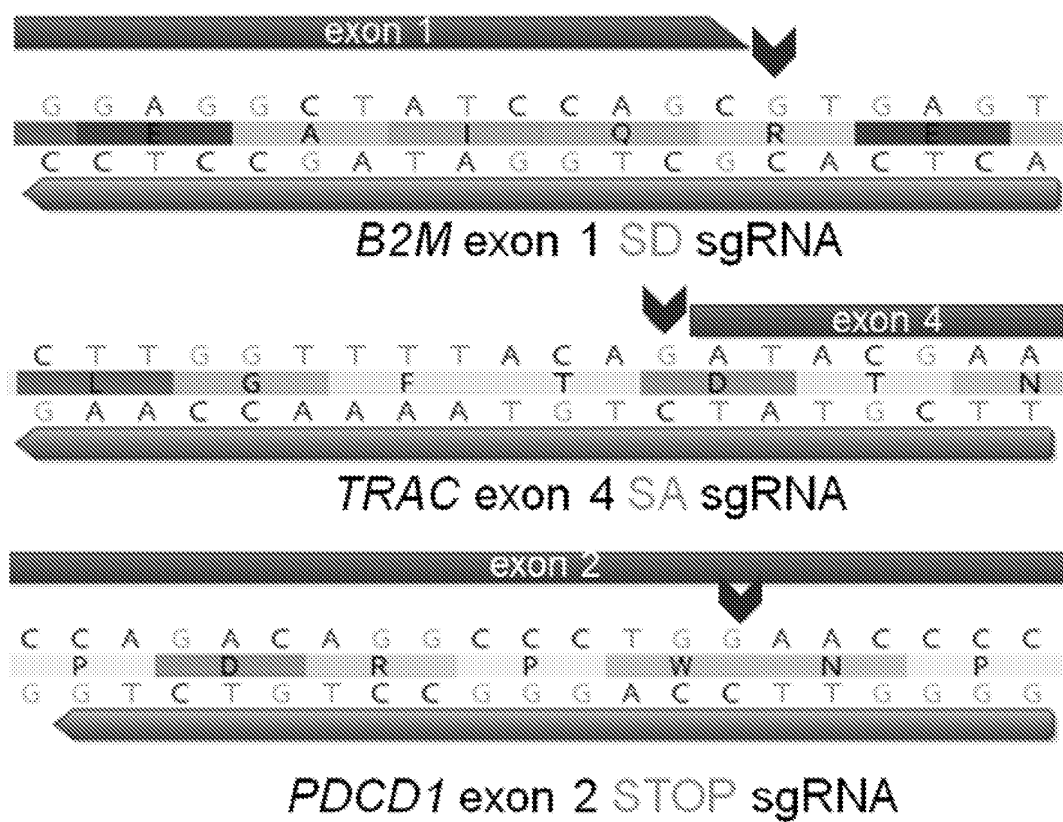


FIG. 5

Buffer Type	Buffer Size	Mismatch	TRAC exon 2 SD	TRAC exon 4 SA	B2M exon 1 SD	PD1 exon 1 SD	PD1 exon 2 STOP	RNF2
X	0	0	1	1	1	1	1	1
X	0	1						
X	0	2	4				2	
X	0	3	46	26	2	3	41	6
X	0	4	137	164	52	80	172	116
RNA	1	0	0	1			3	2
RNA	1	1	14	1	2	3	11	7
RNA	1	2	185	55	17	38	163	30
			Knockout:	96%	95%		80%	
			Indels:	0.6%	2.5%		1.5%	

FIG. 6

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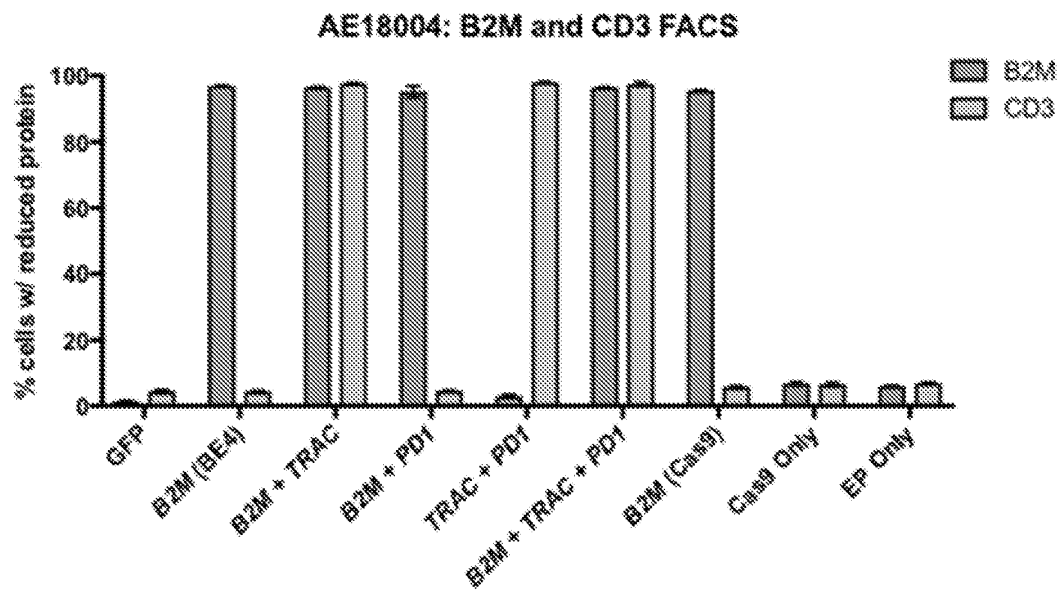


FIG. 7

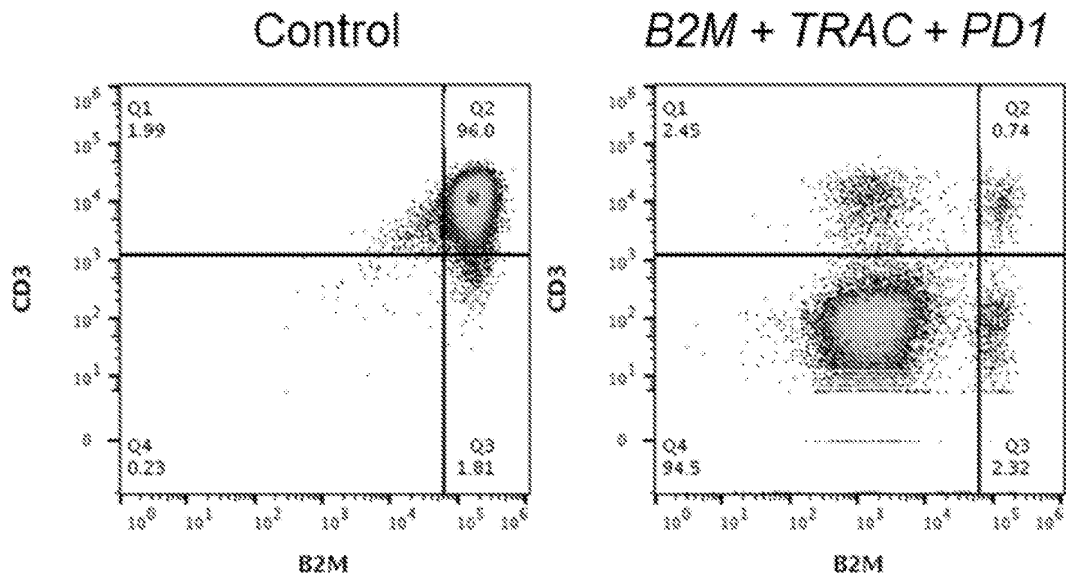


FIG. 8A

FIG. 8B

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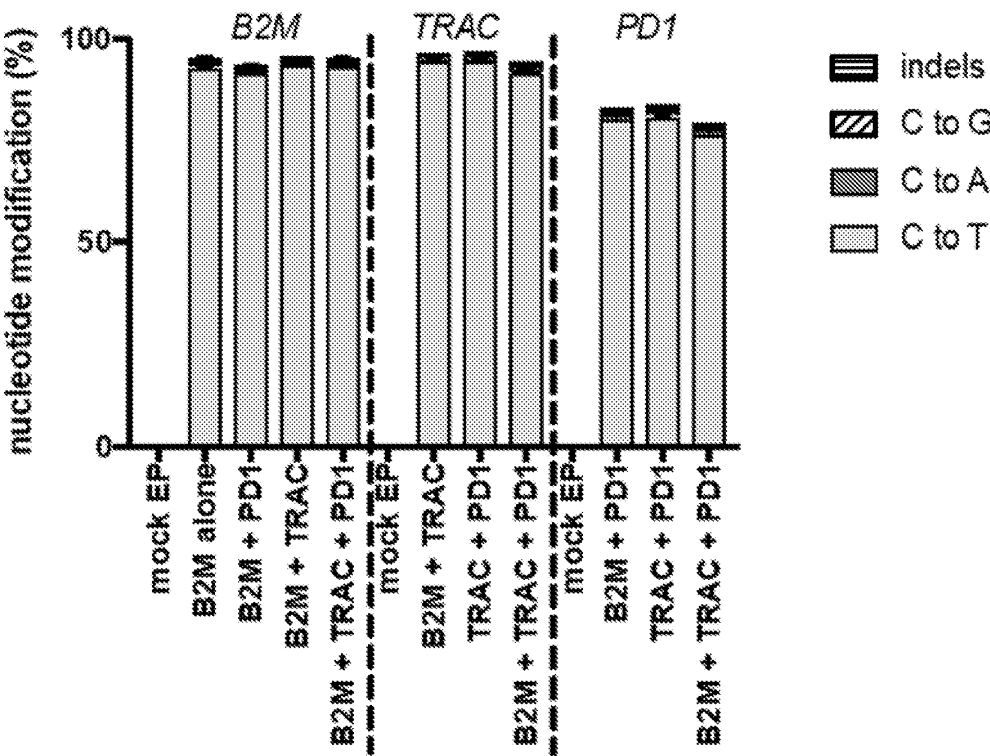


FIG. 9

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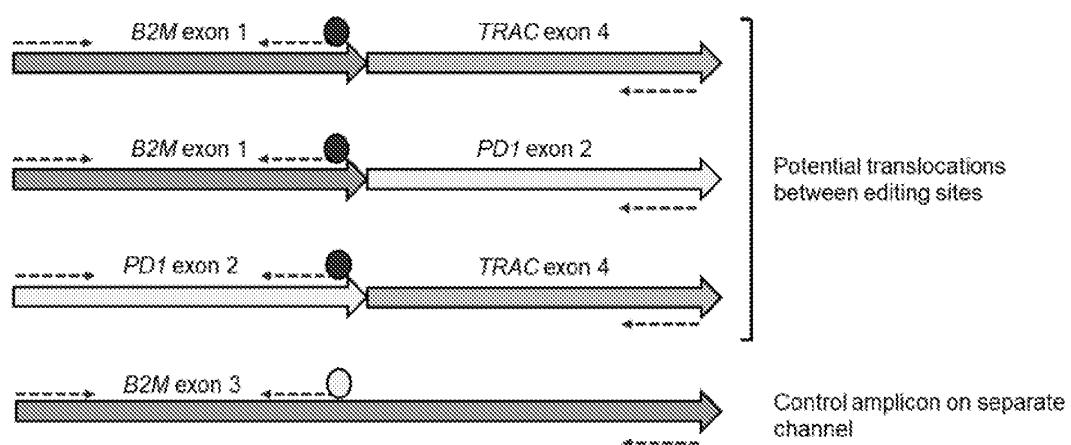


FIG. 10

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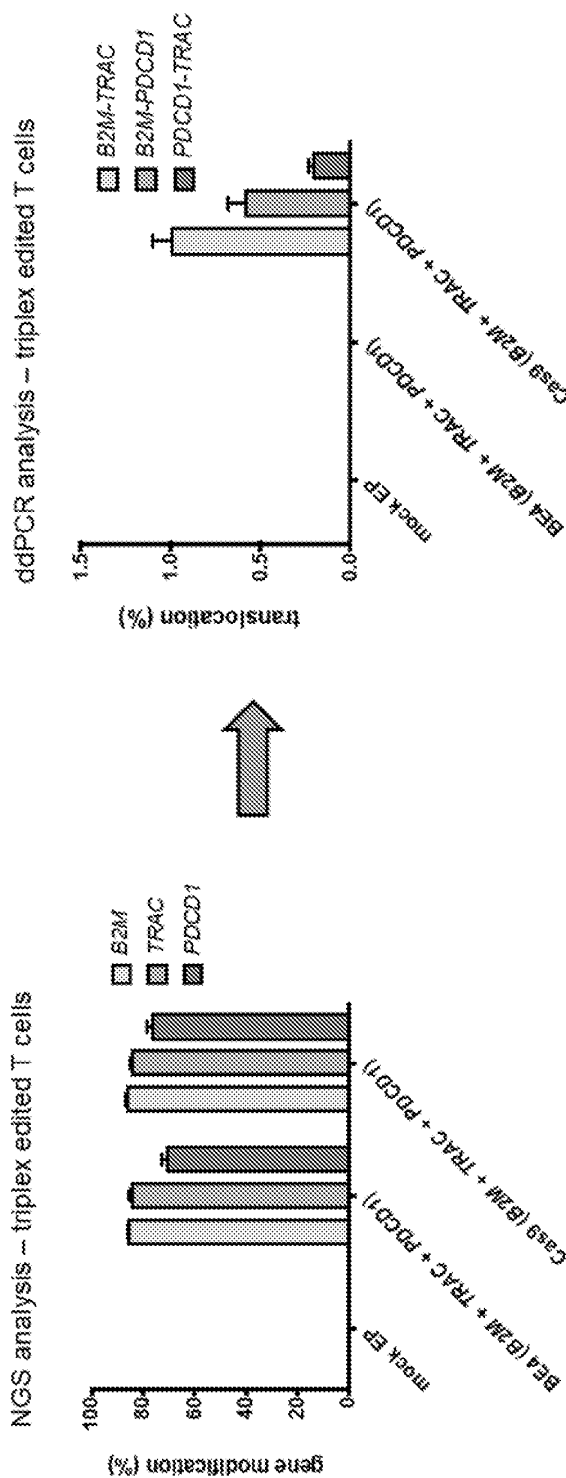


FIG. 11

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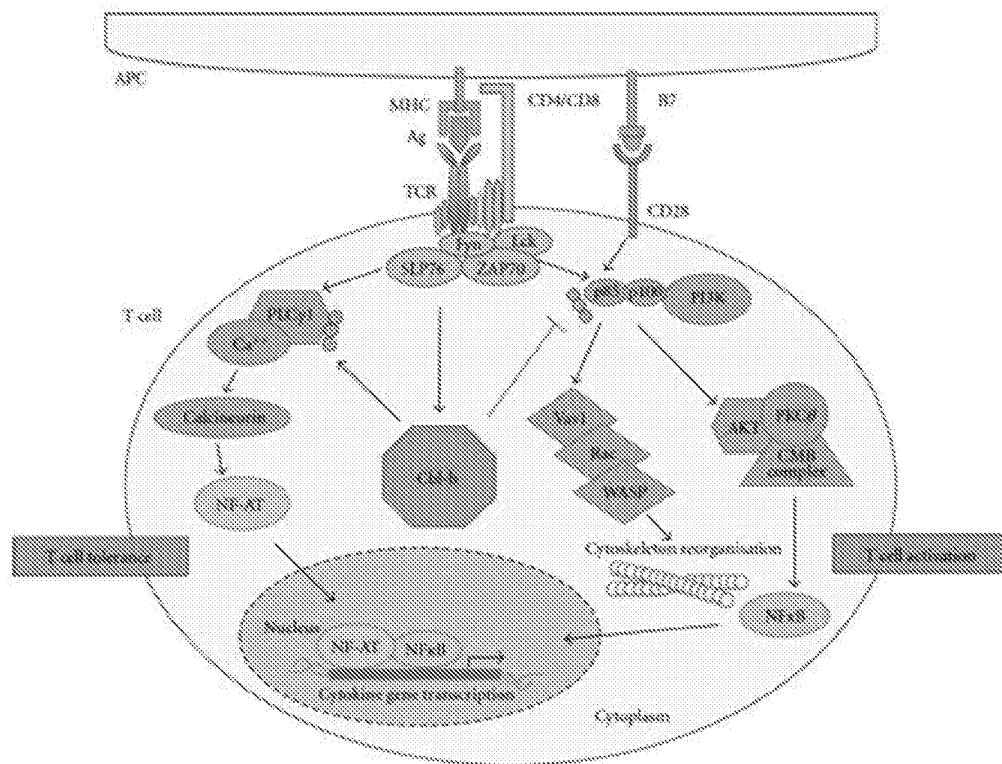


FIG. 12

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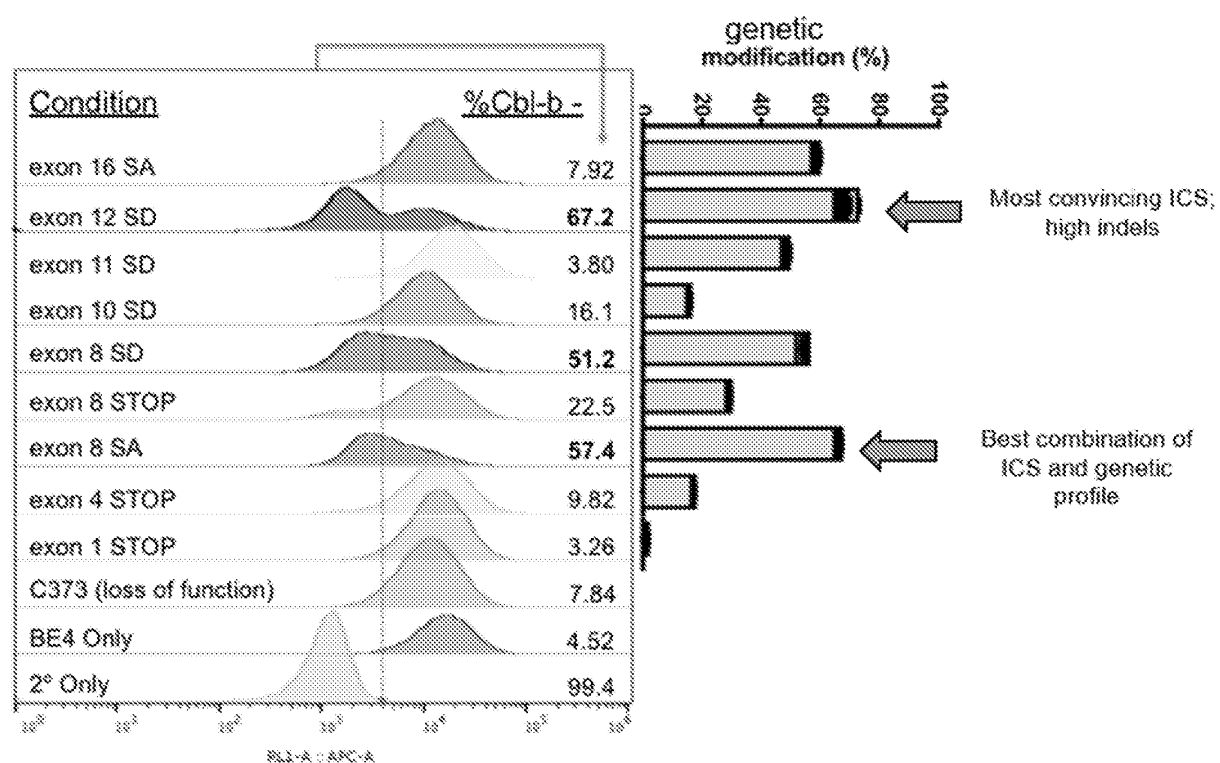


FIG. 13

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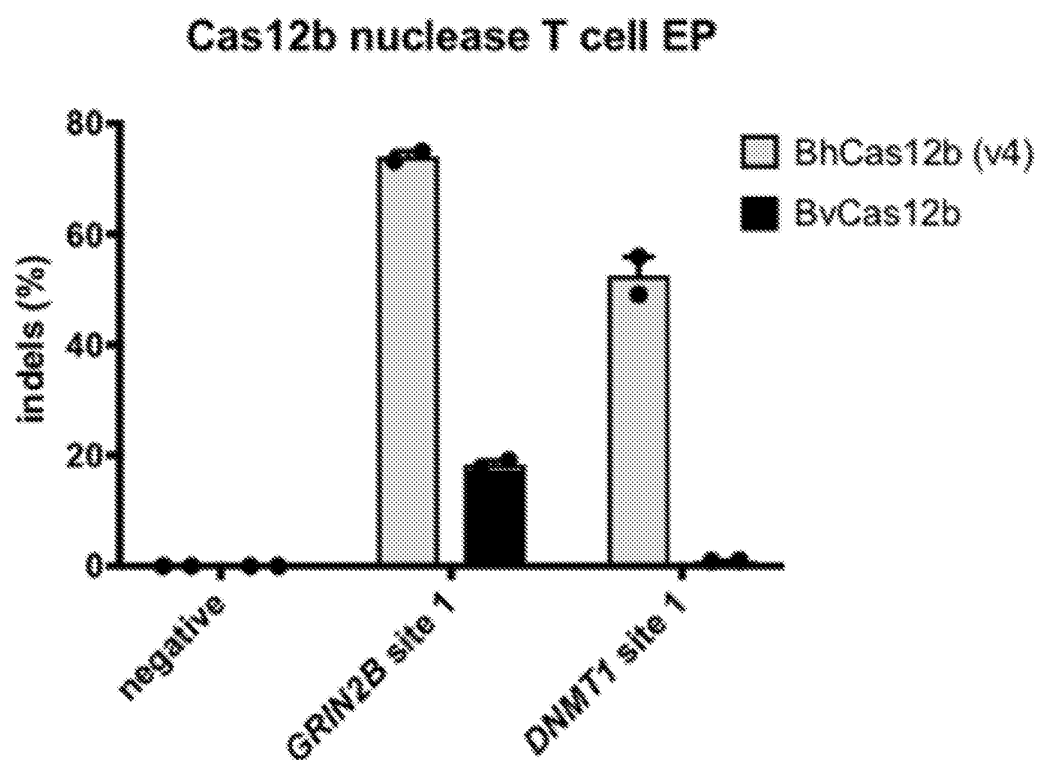


FIG. 14

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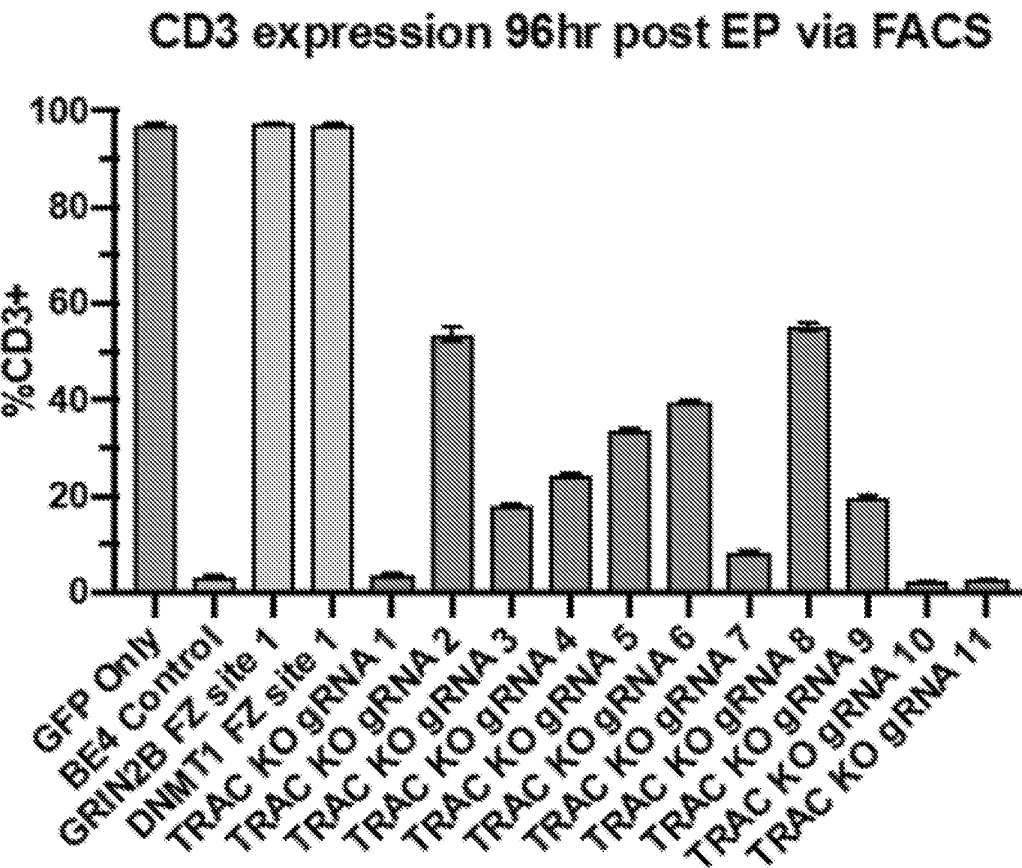


FIG. 15

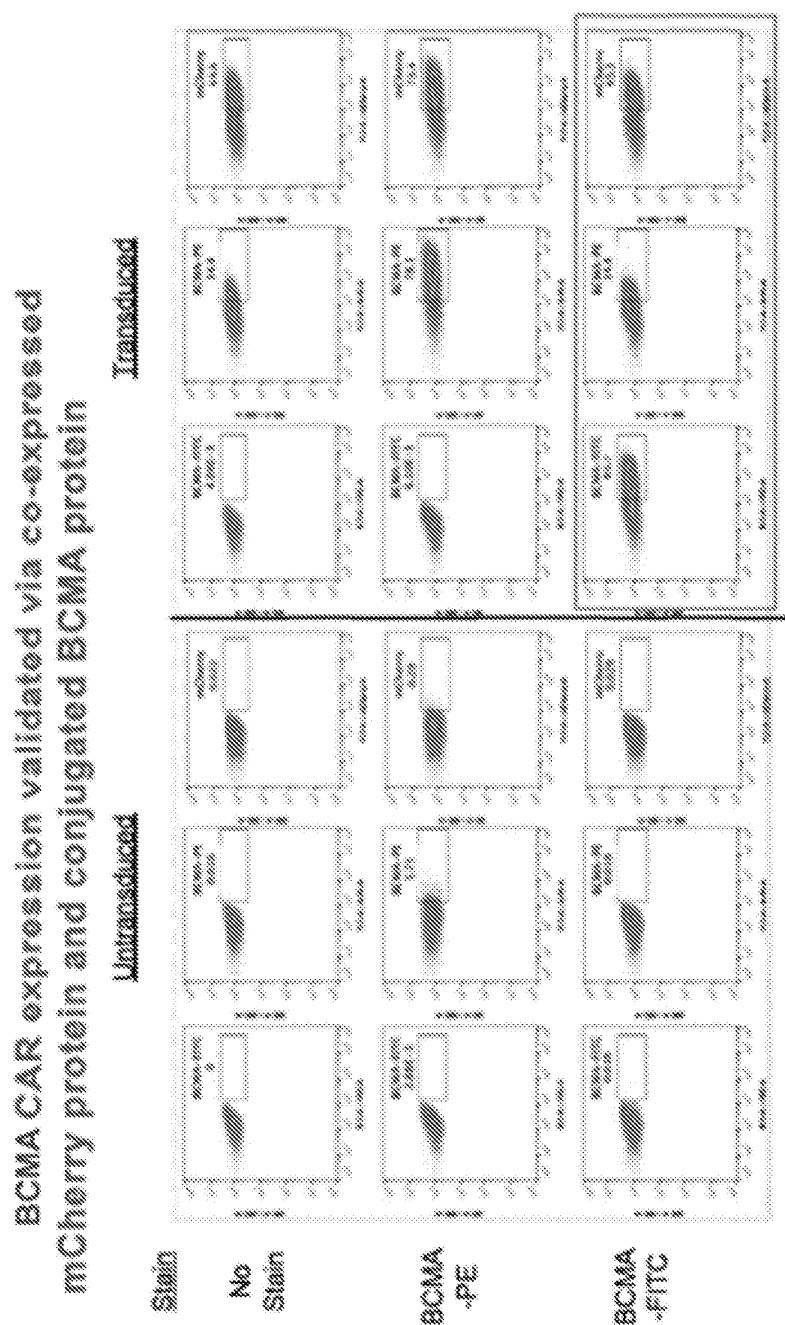


FIG. 16

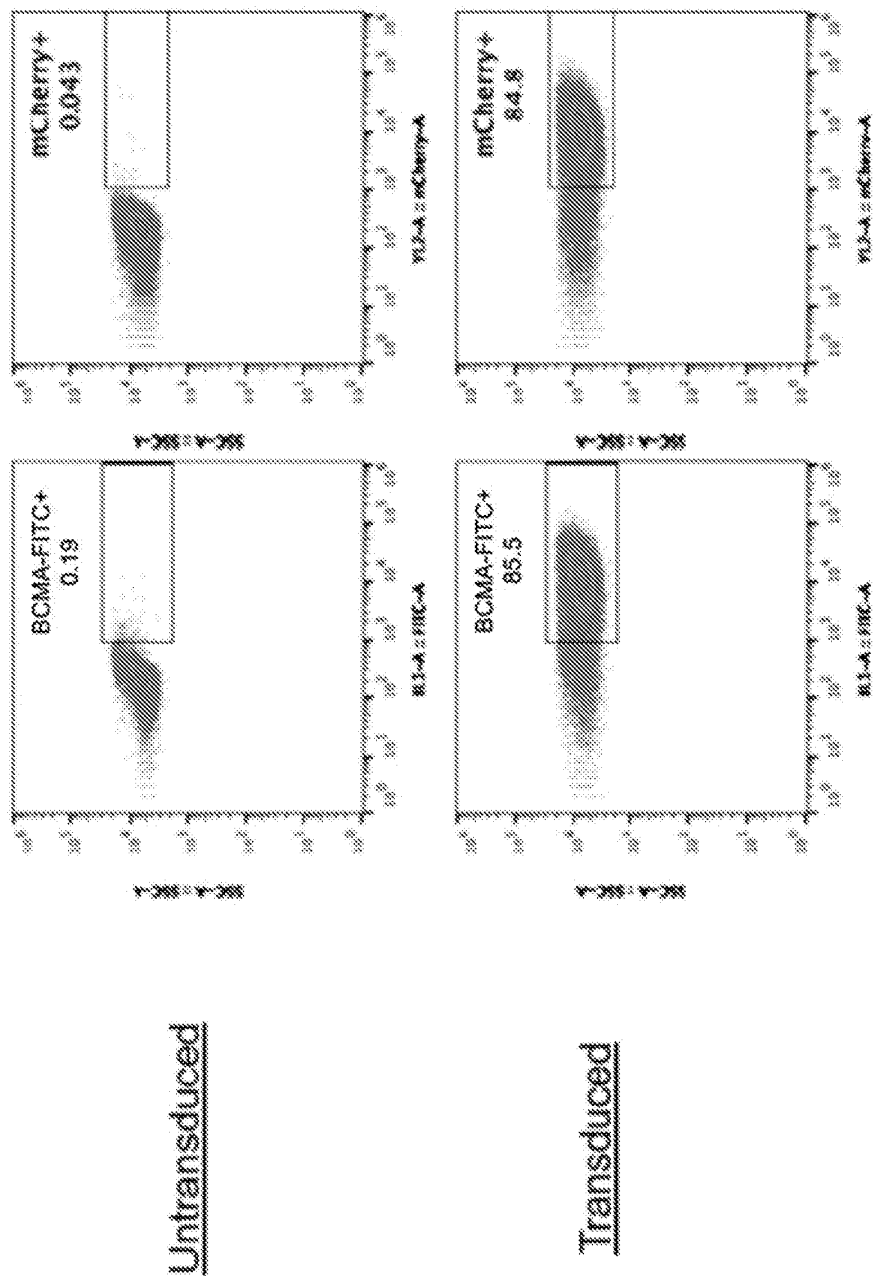


FIG. 17

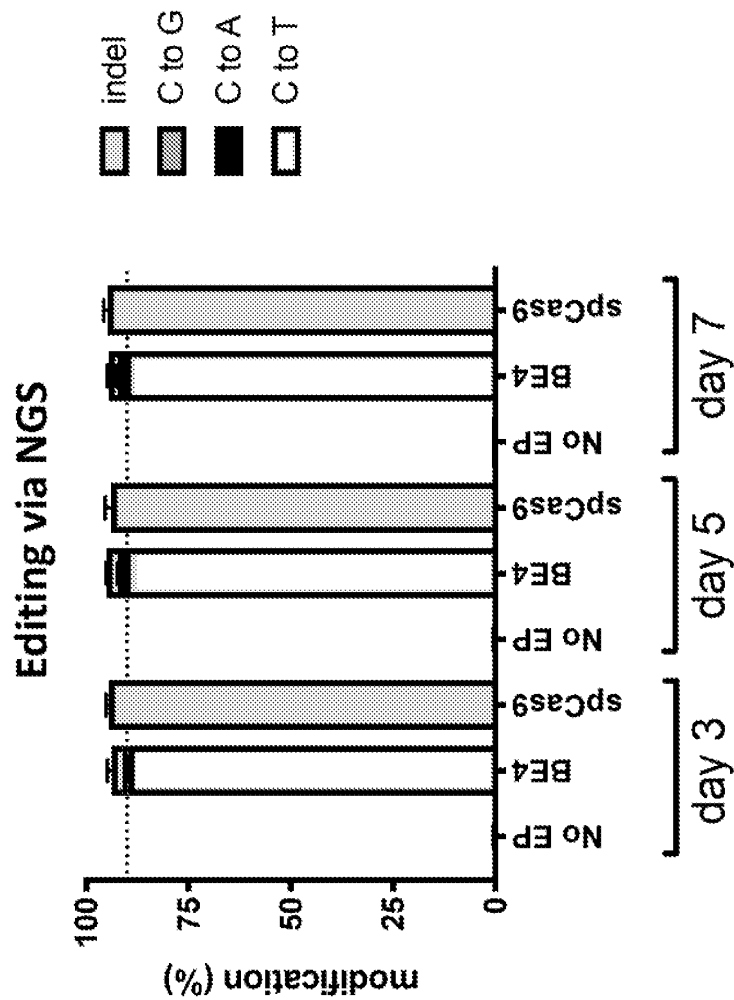


FIG. 18

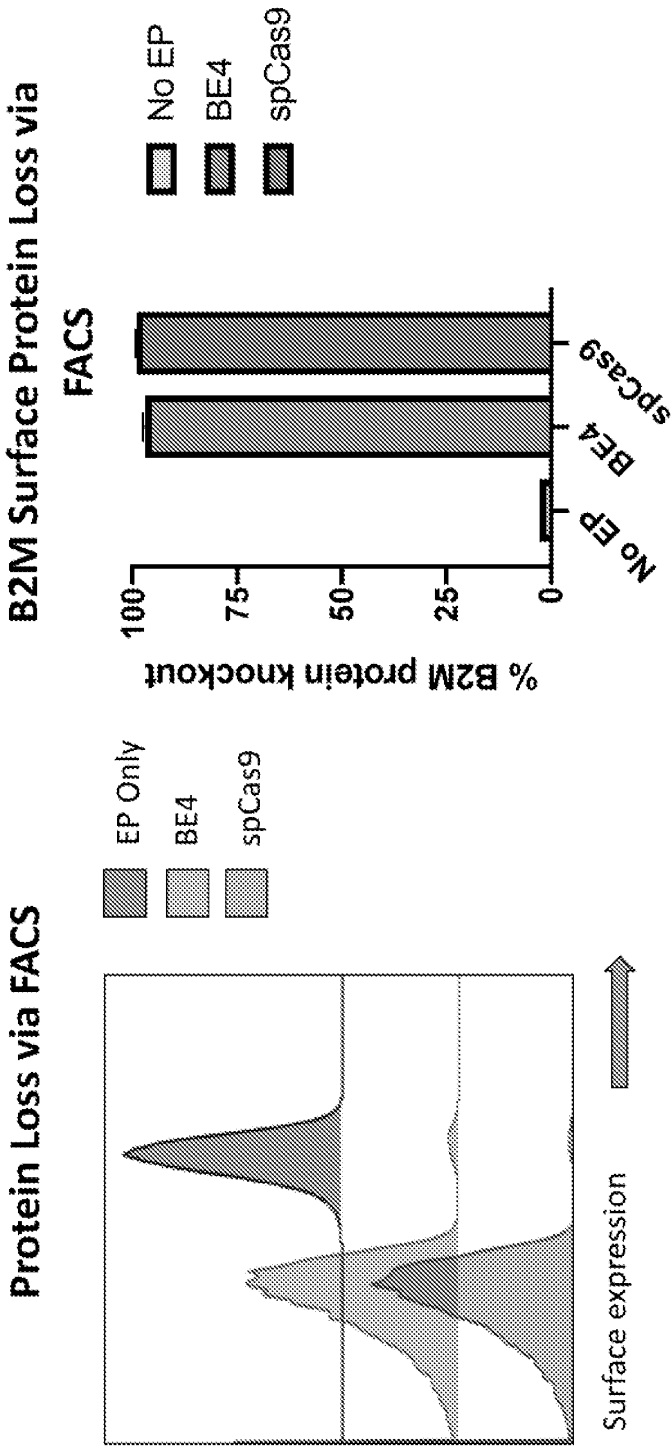


FIG. 19A

FIG. 19B

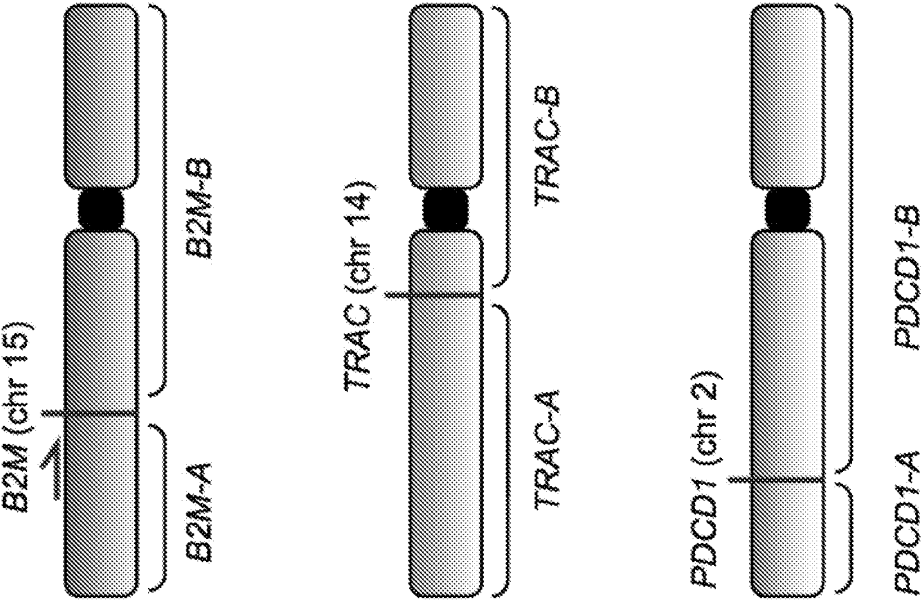


FIG. 20

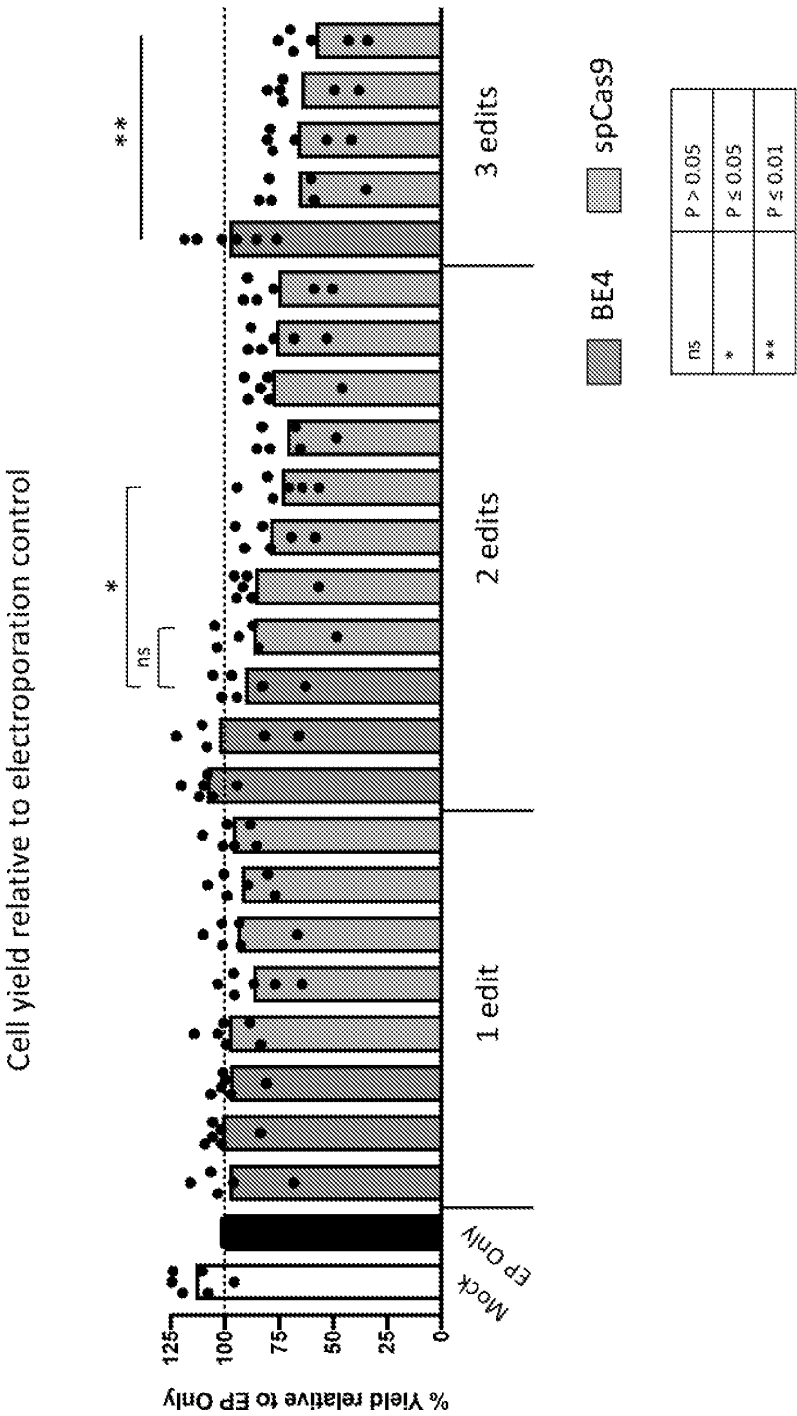


FIG. 21

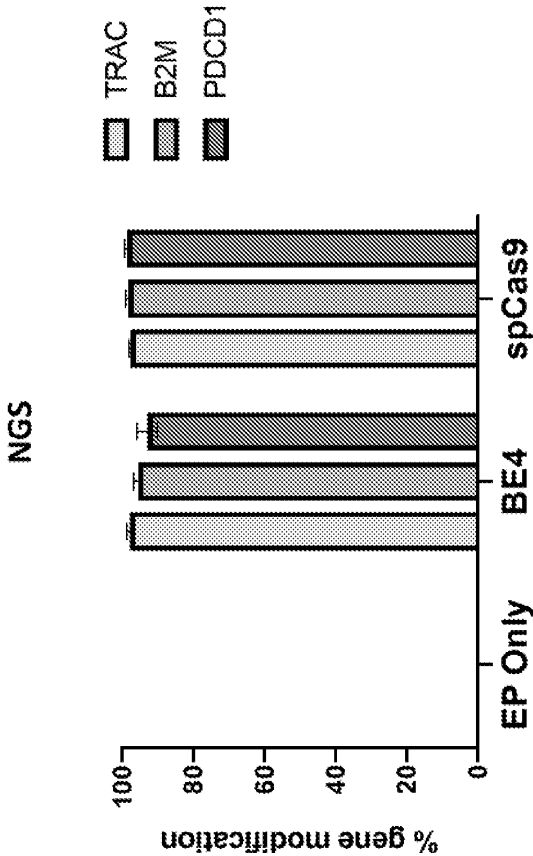


FIG. 22

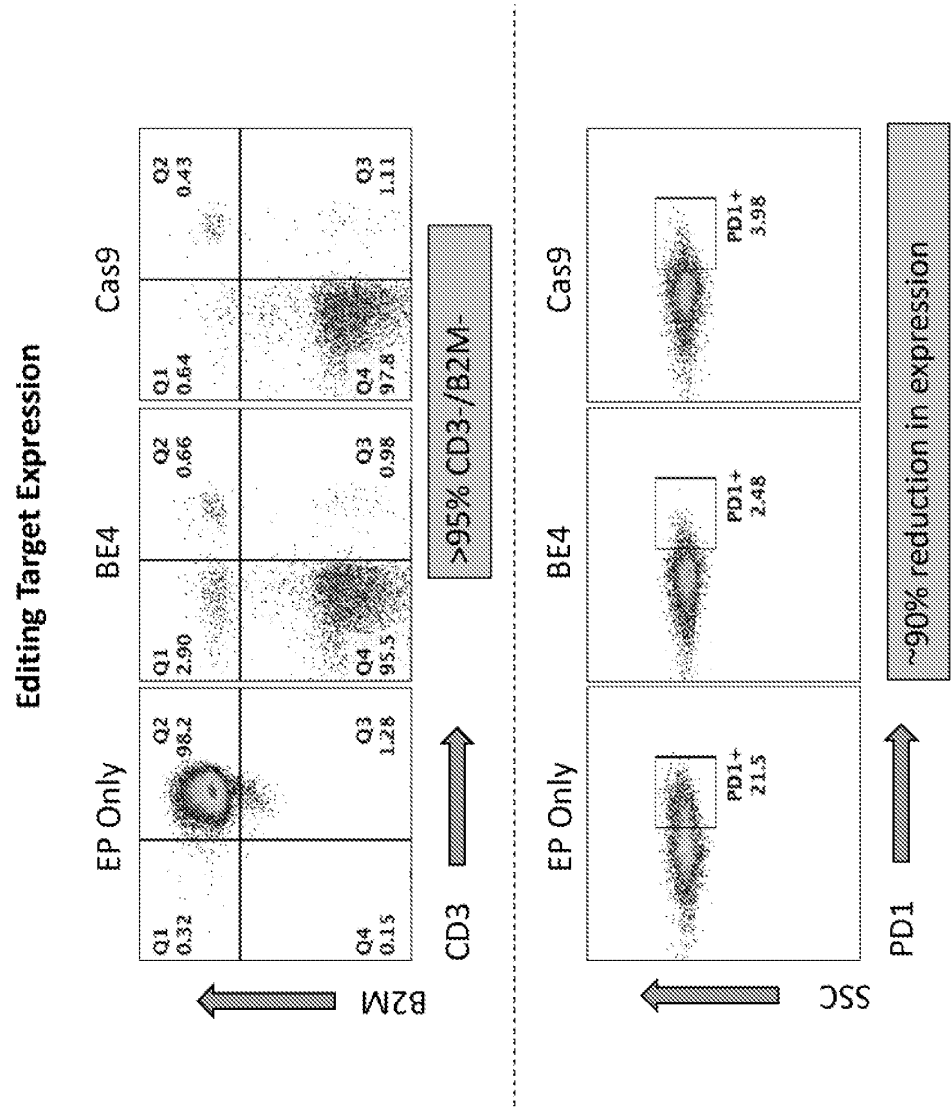


FIG. 23

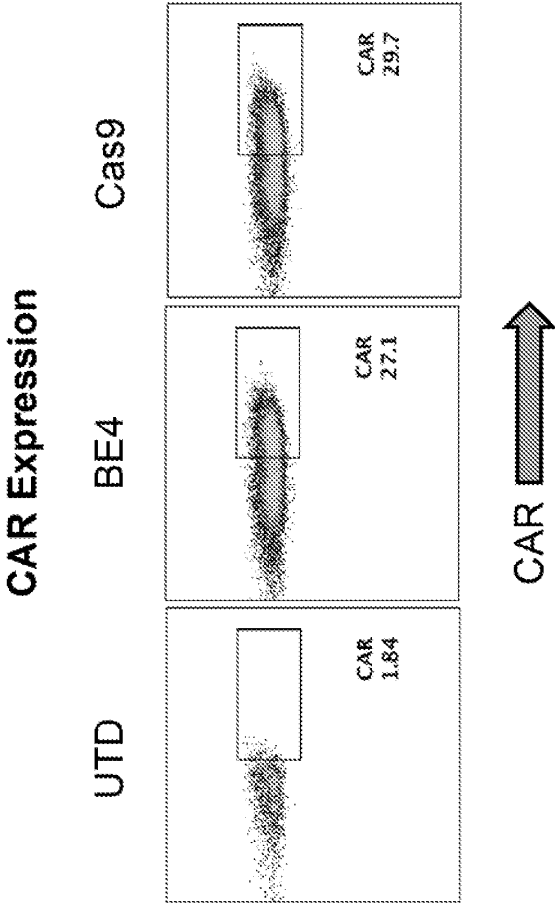


FIG. 24

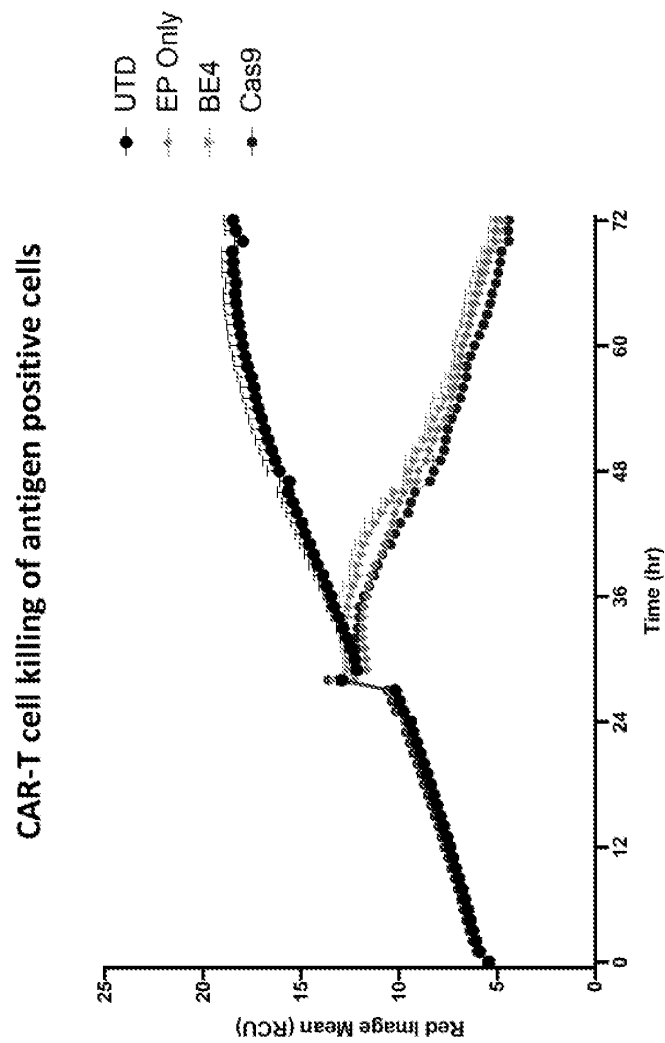


FIG. 25

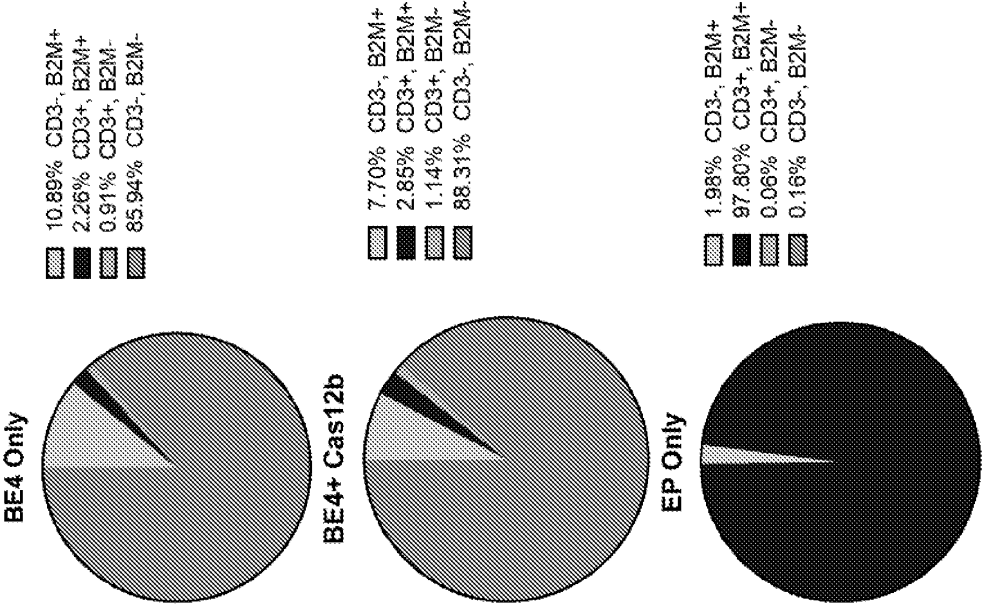


FIG. 26

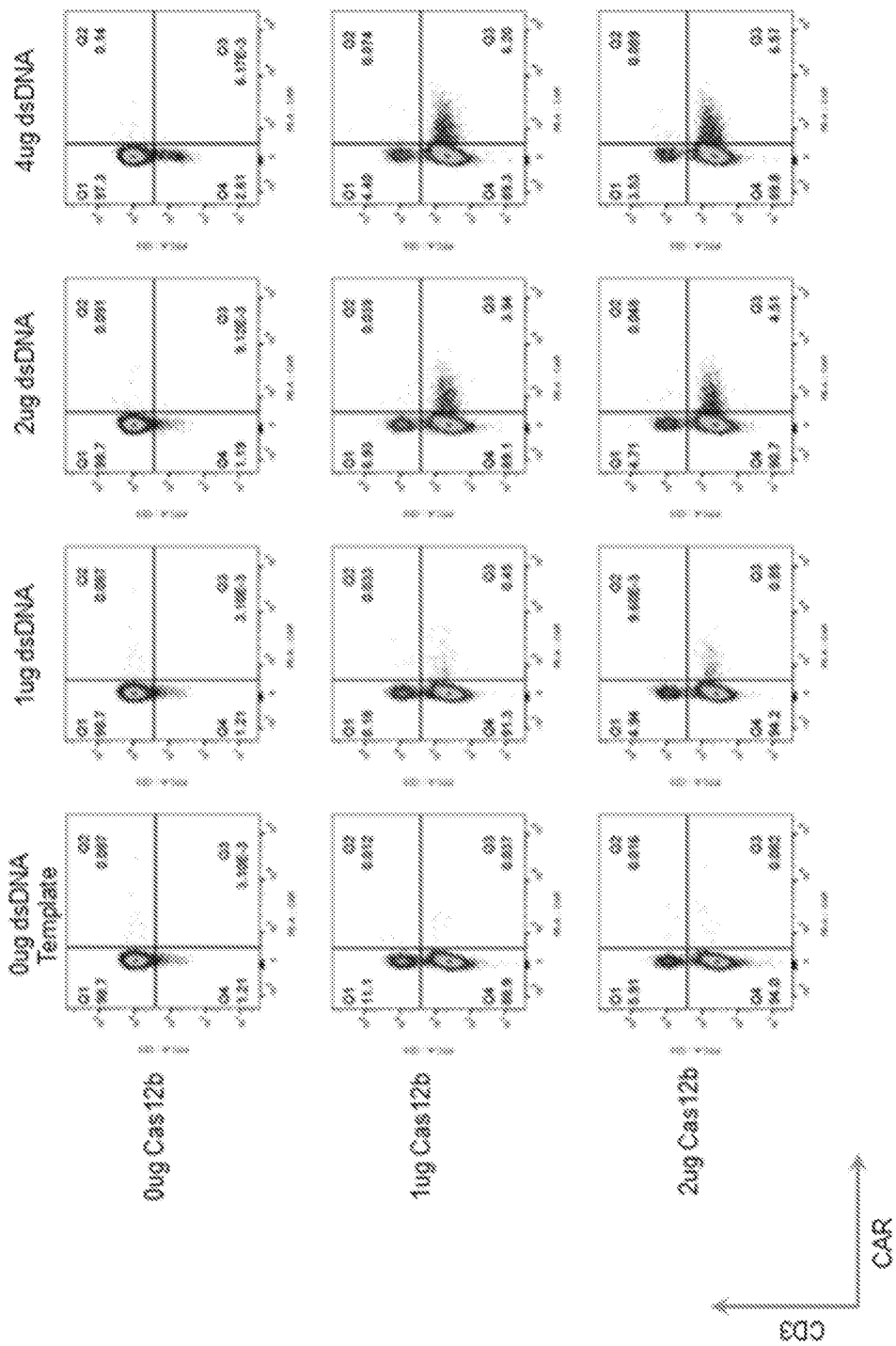


FIG. 27

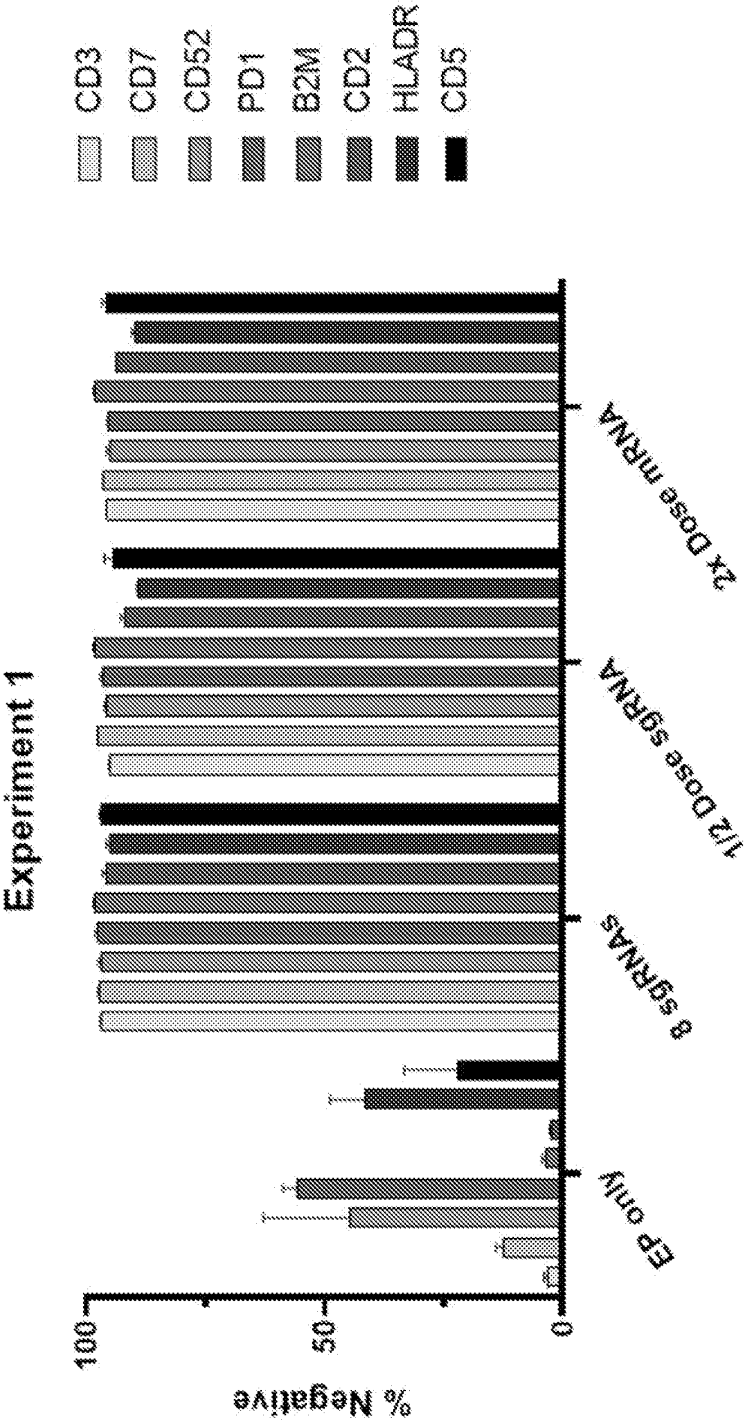


FIG. 28A

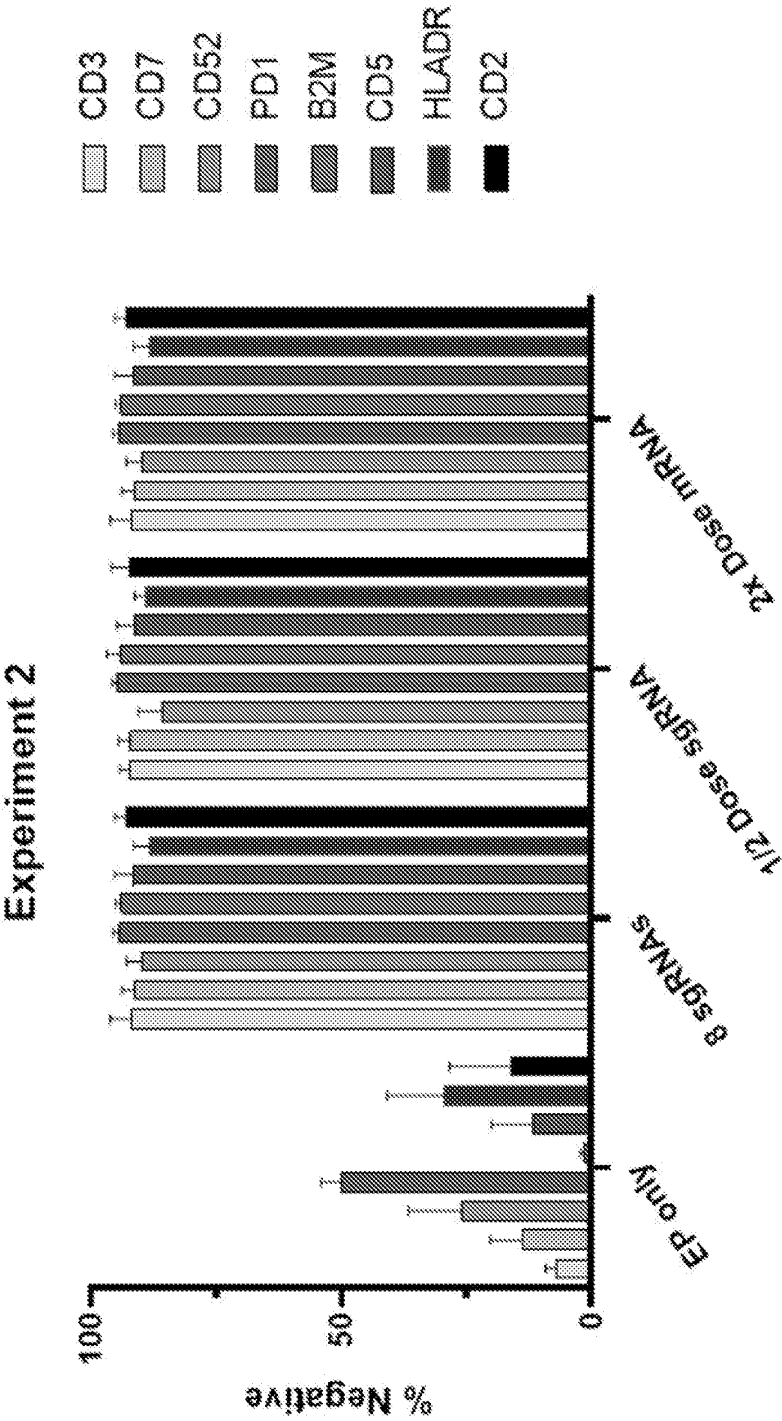


FIG. 28B