

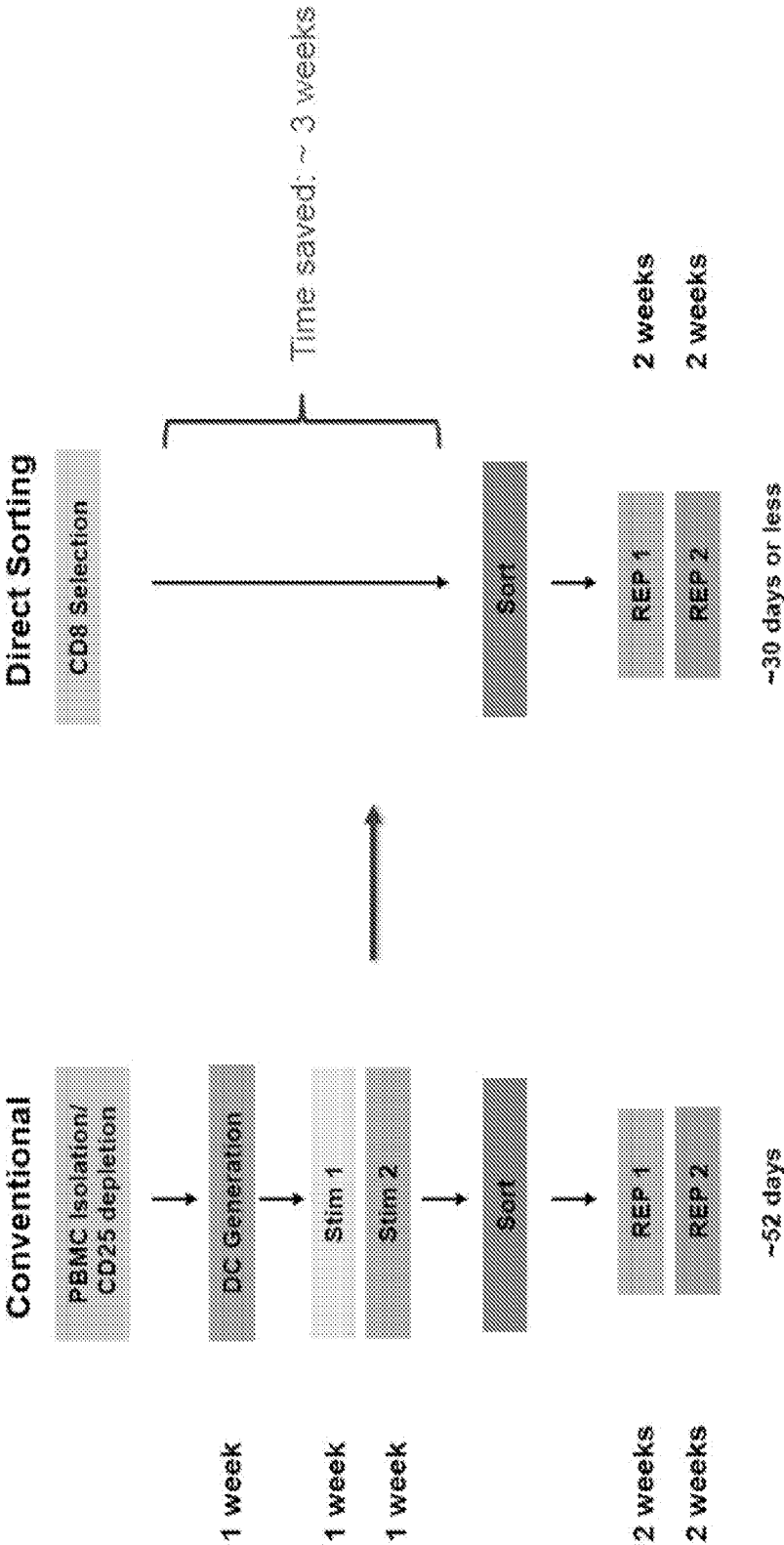
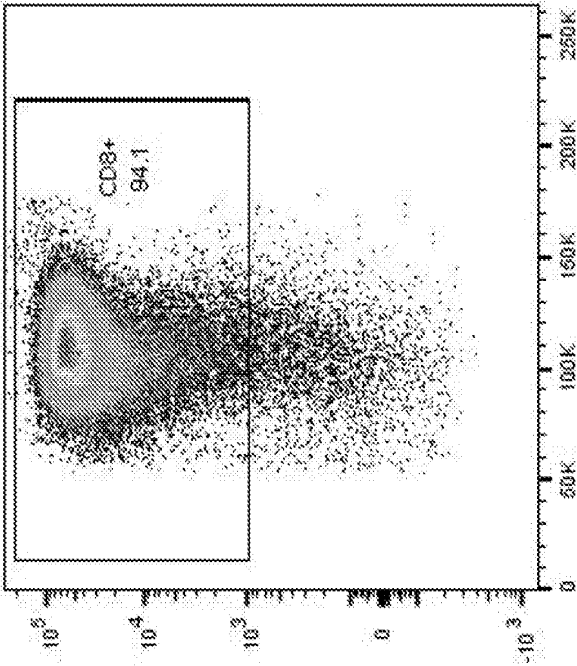
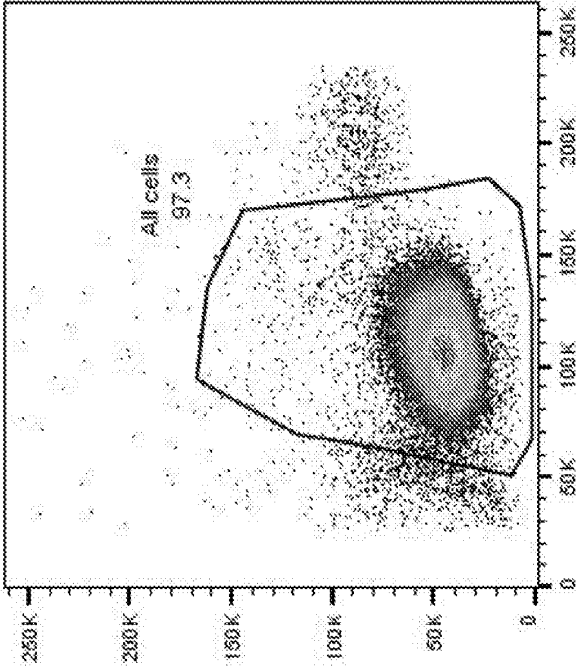


FIG. 1



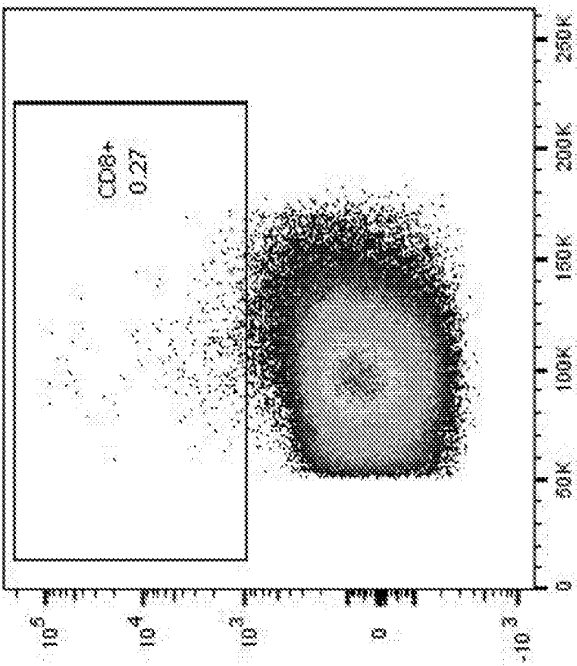
FSC-A :: FSC-A

FIG. 2B

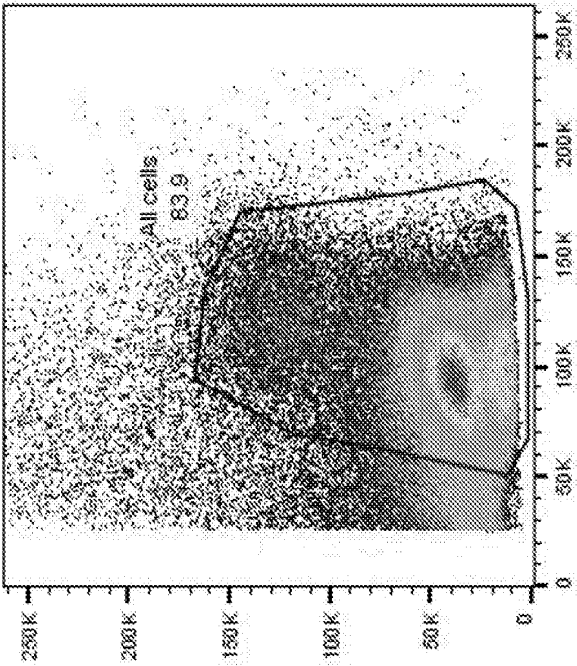


FSC-A :: FSC-A

FIG. 2A



V1-A :: CD8 BV421-A



SSC-A :: SSC-A

FSC-A :: FSC-A

FIG. 2D

FSC-A :: FSC-A

FIG. 2C

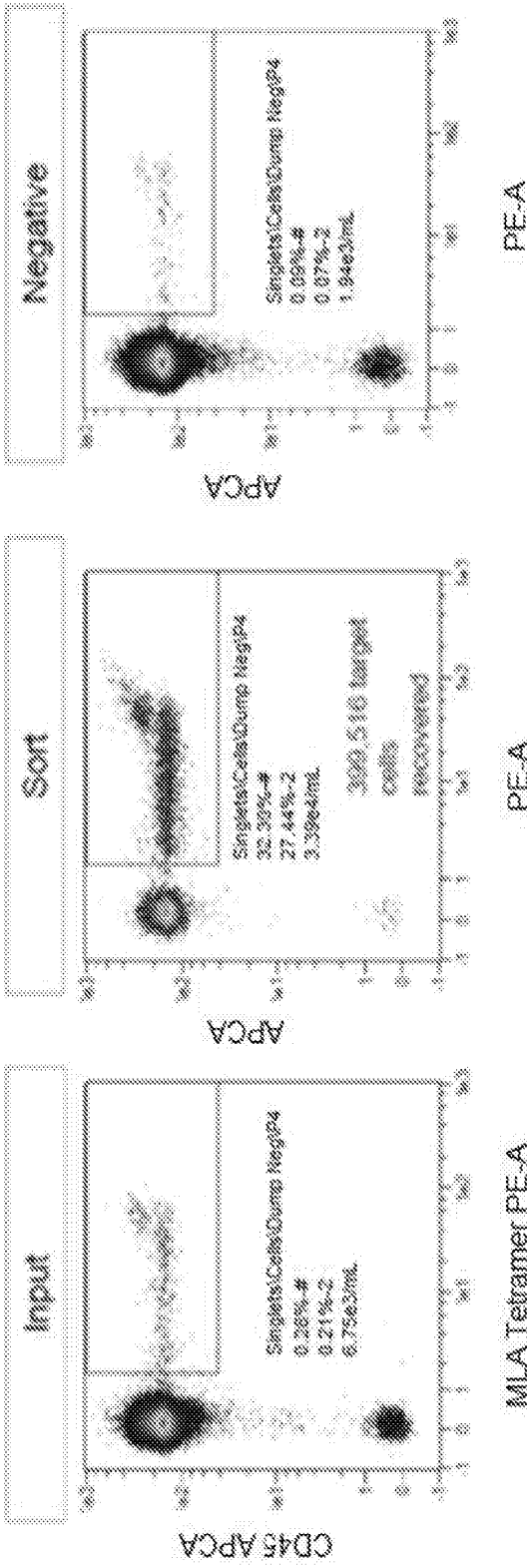


FIG. 3

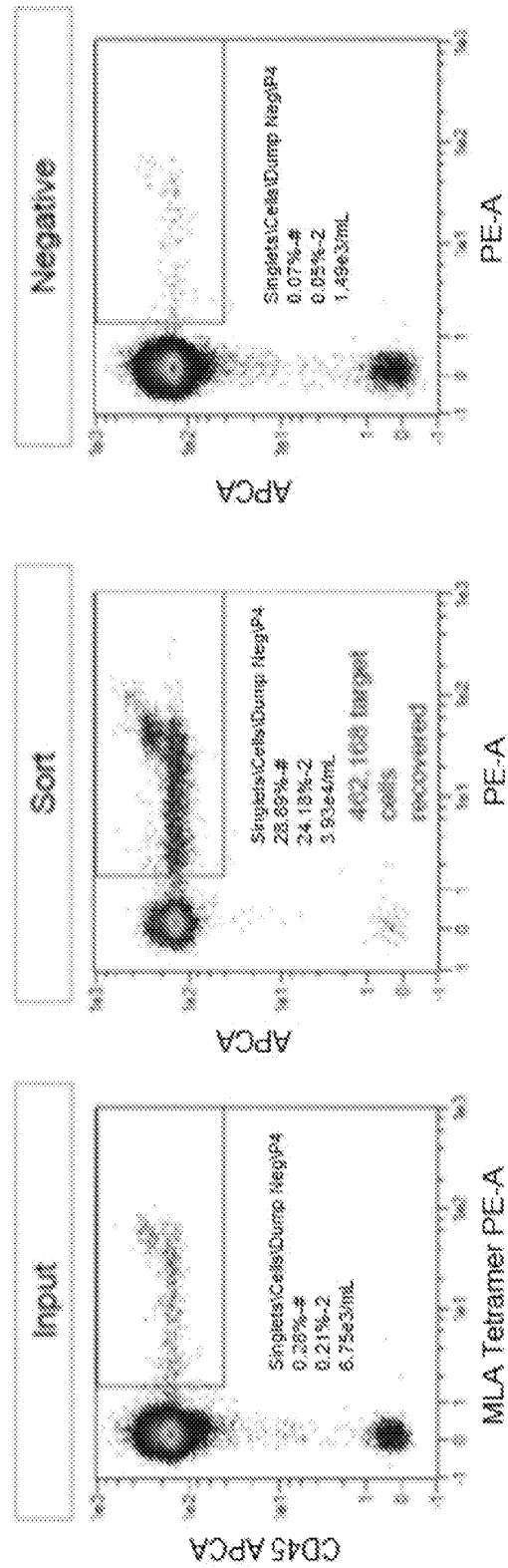


FIG. 4

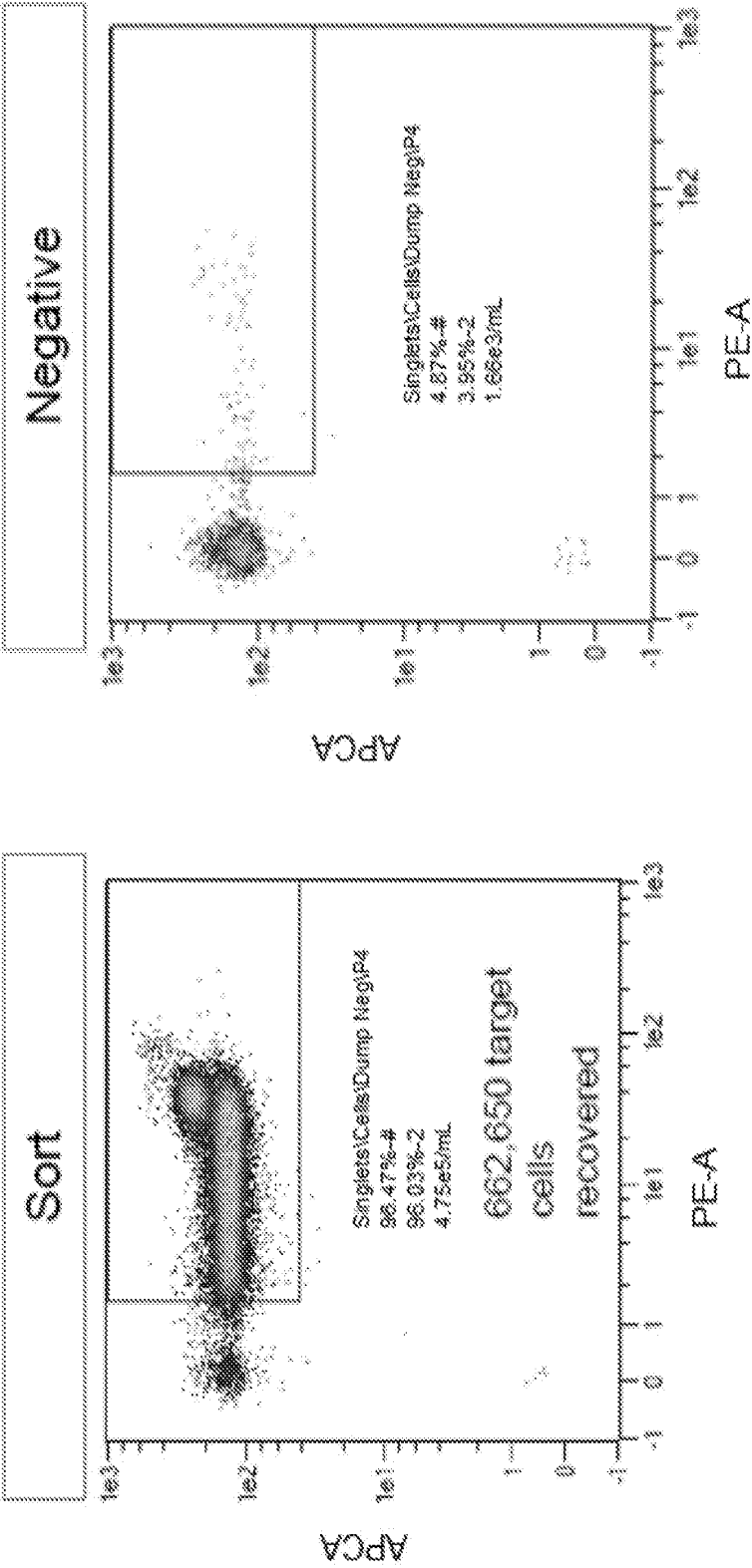


FIG. 5

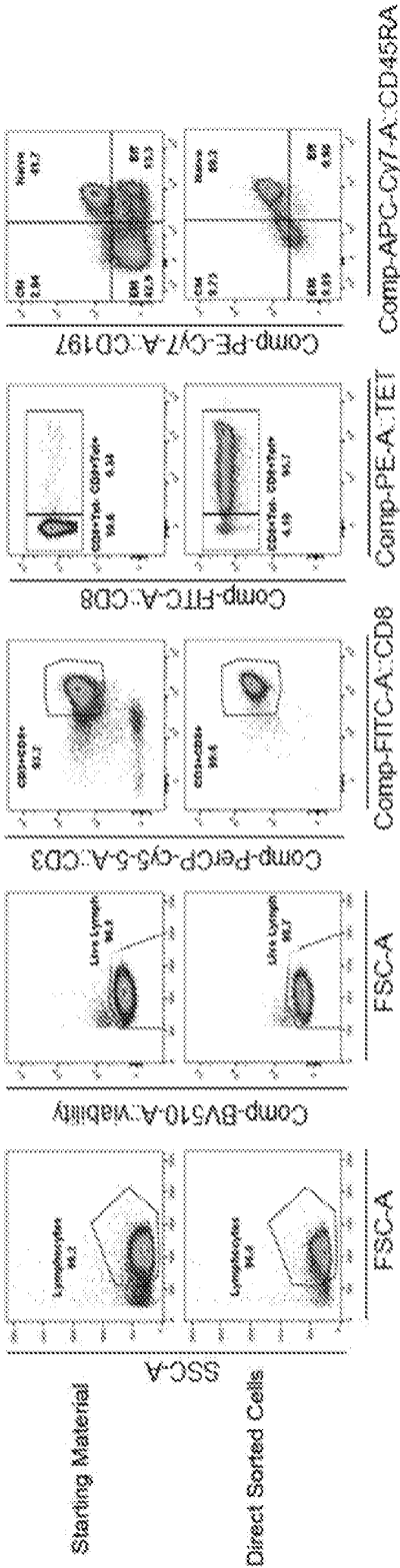


FIG. 6A

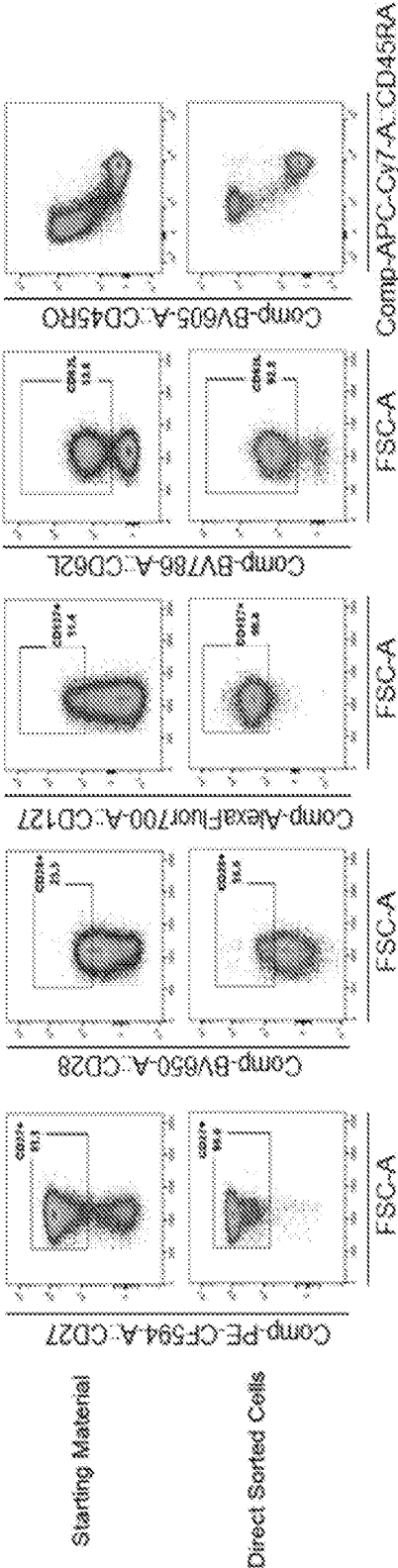


FIG. 6B

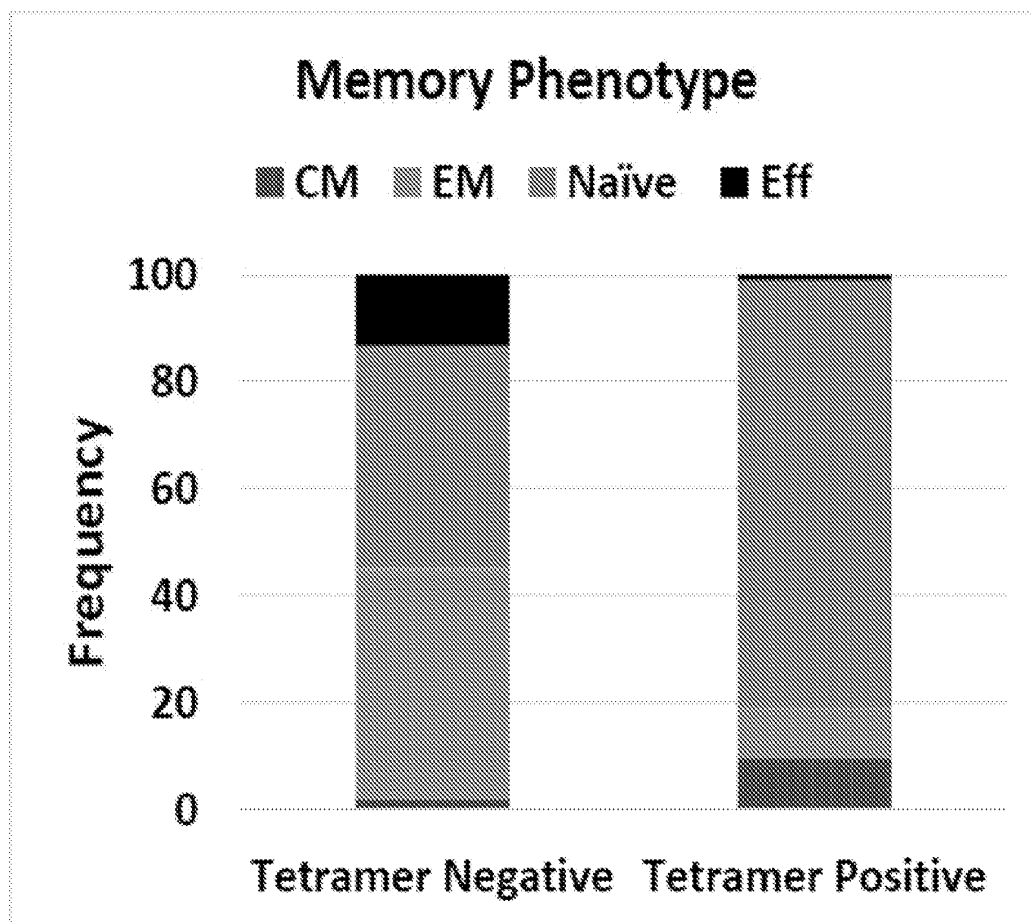


FIG. 7

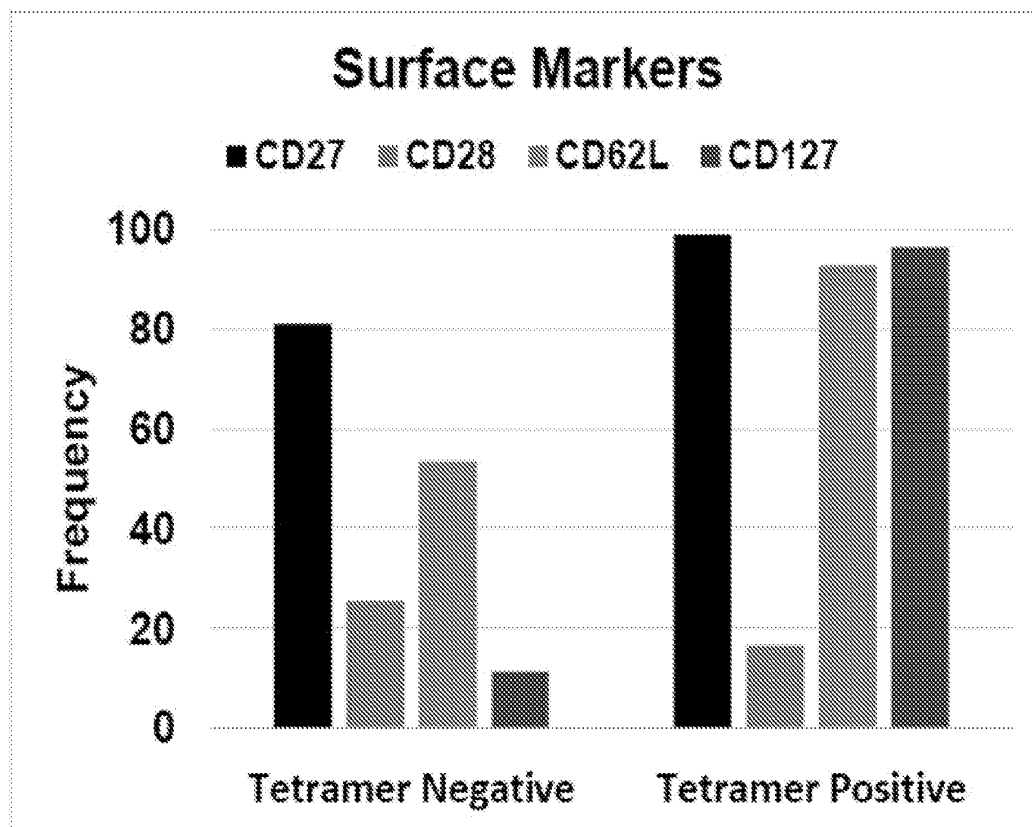
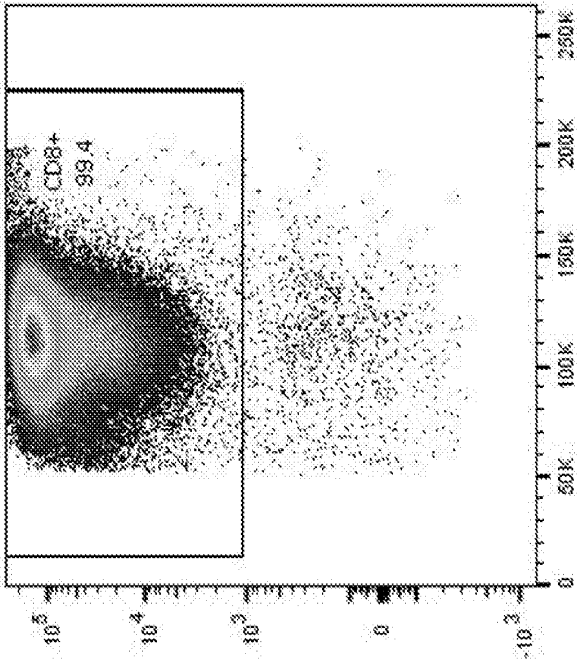
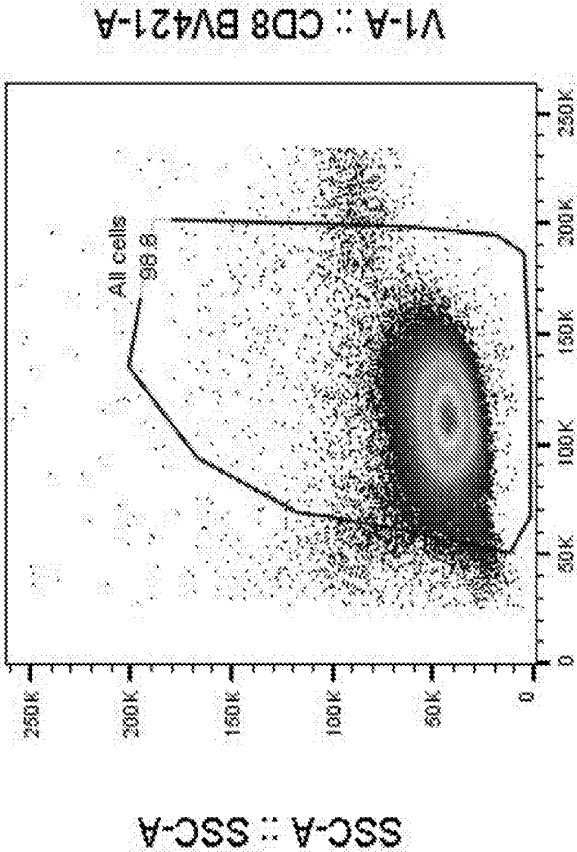


FIG. 8



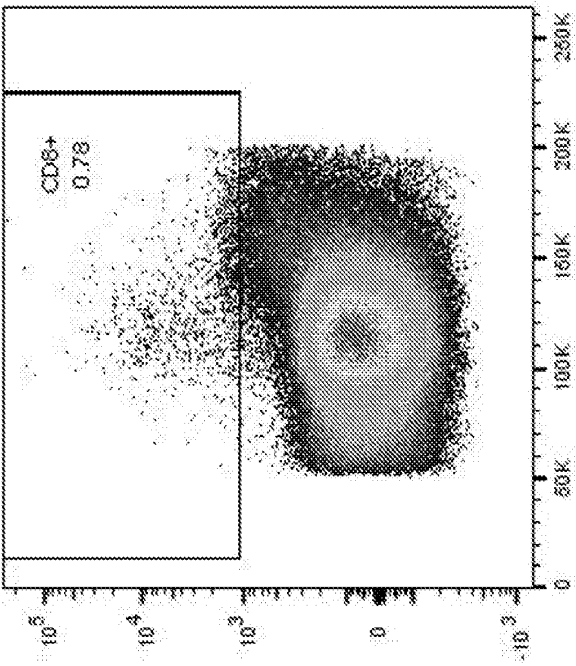
FSC-A :: FSC-A

FIG. 9B



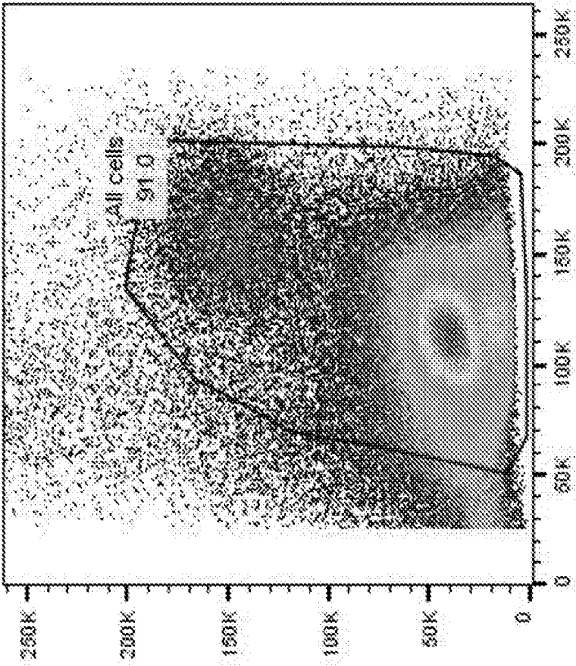
FSC-A :: FSC-A

FIG. 9A



FSC-A :: FSC-A

FIG. 9D



FSC-A :: FSC-A

FIG. 9C

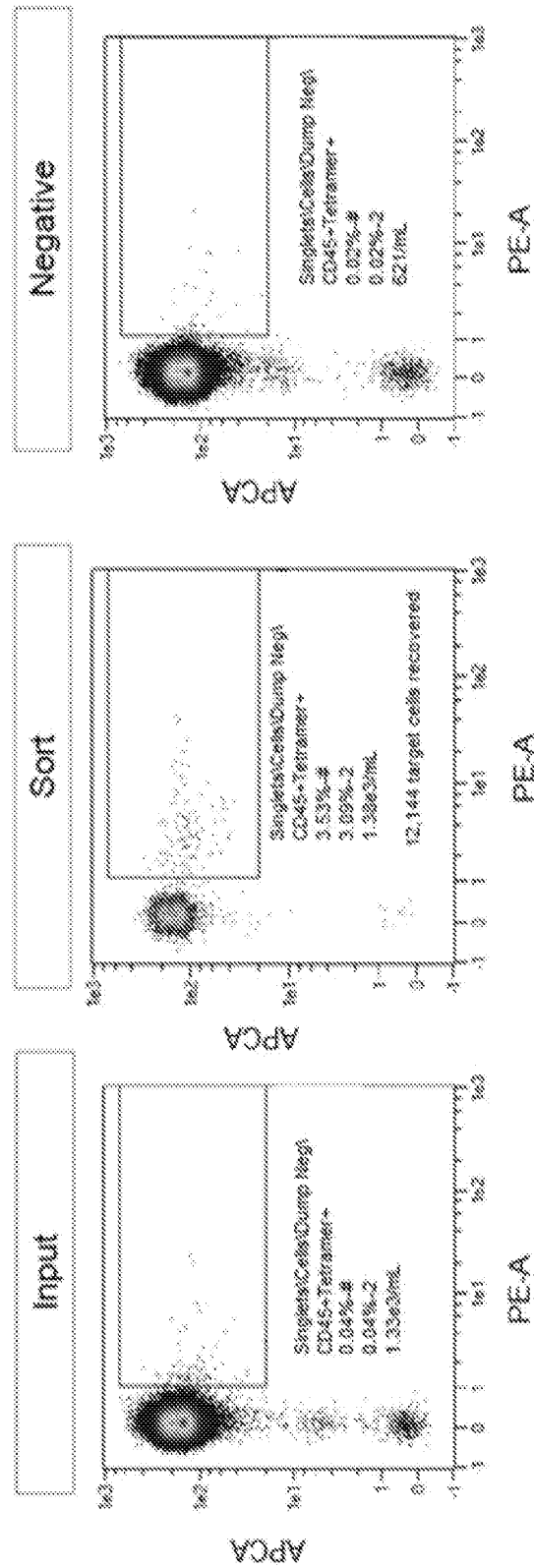


FIG. 10

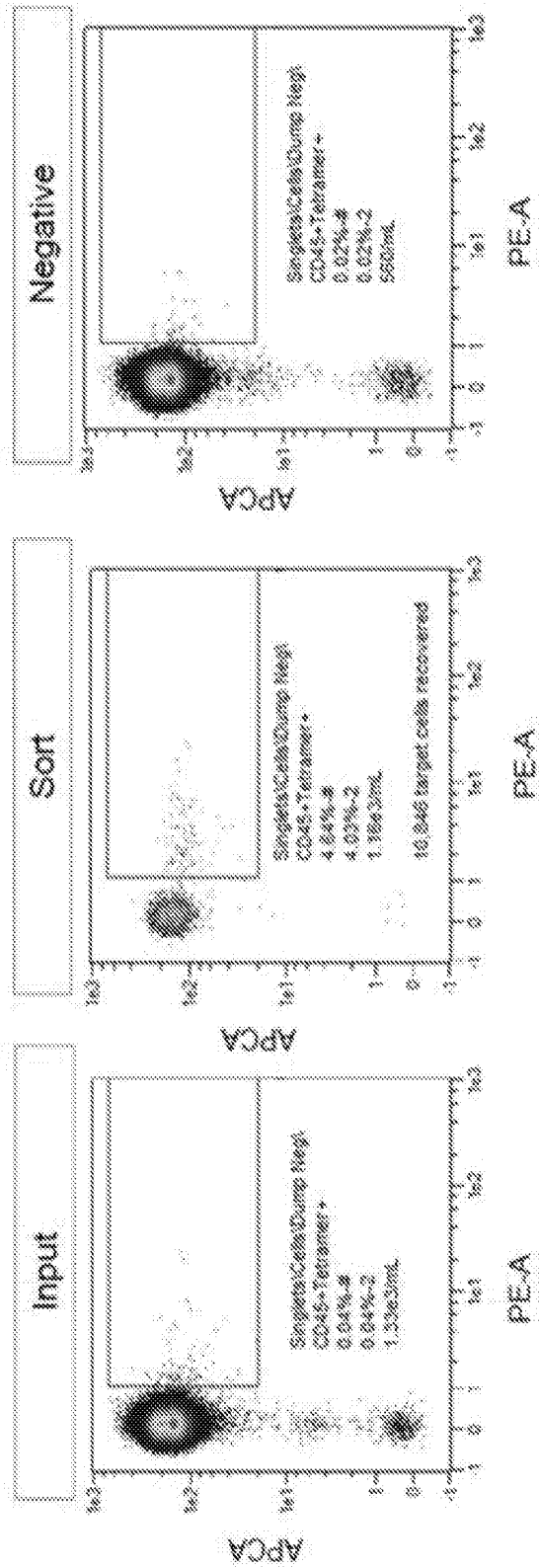


FIG. 11

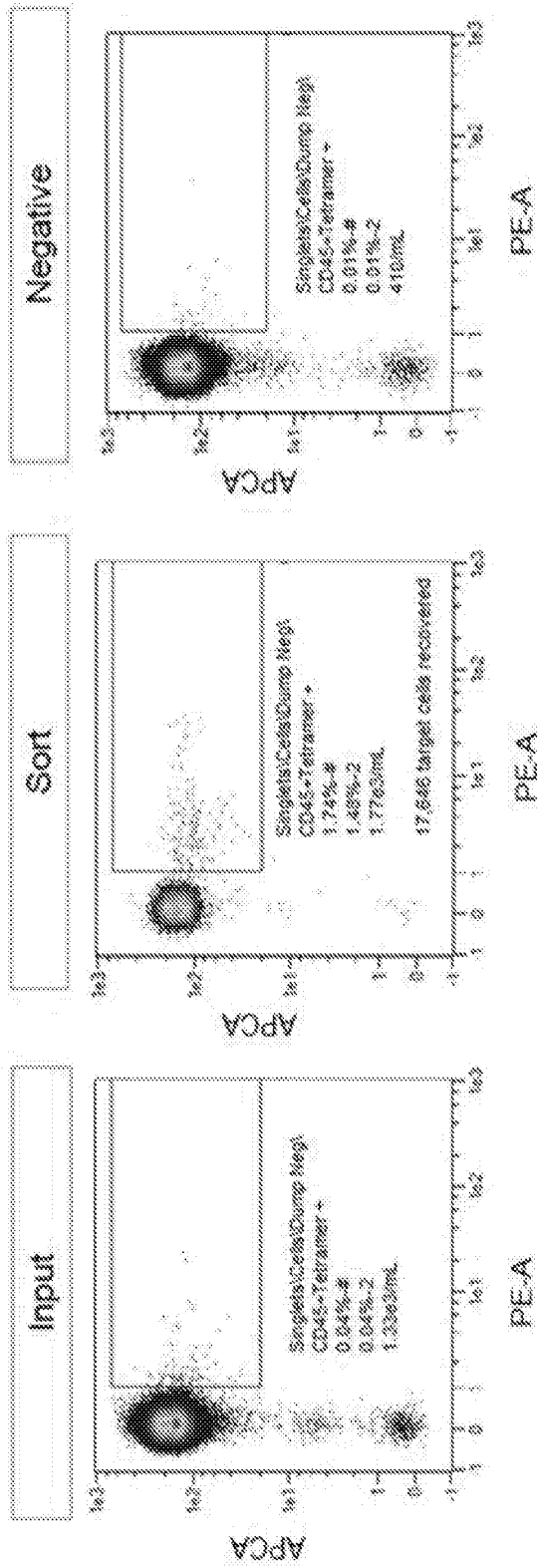


FIG. 12

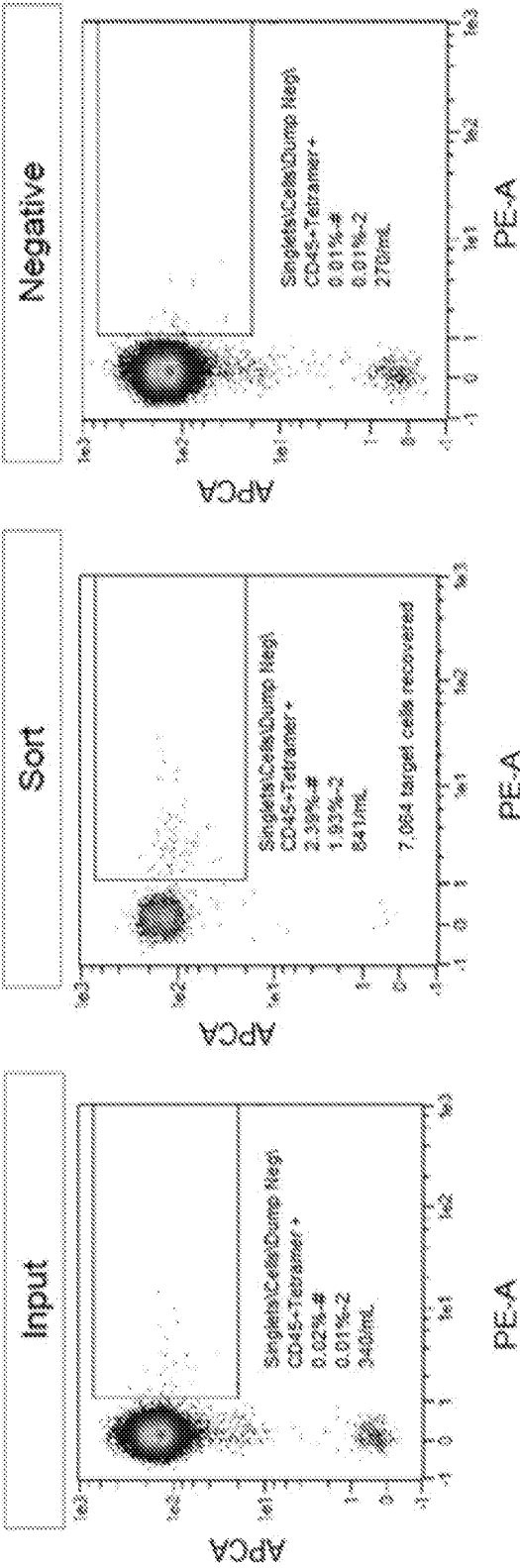


FIG. 13

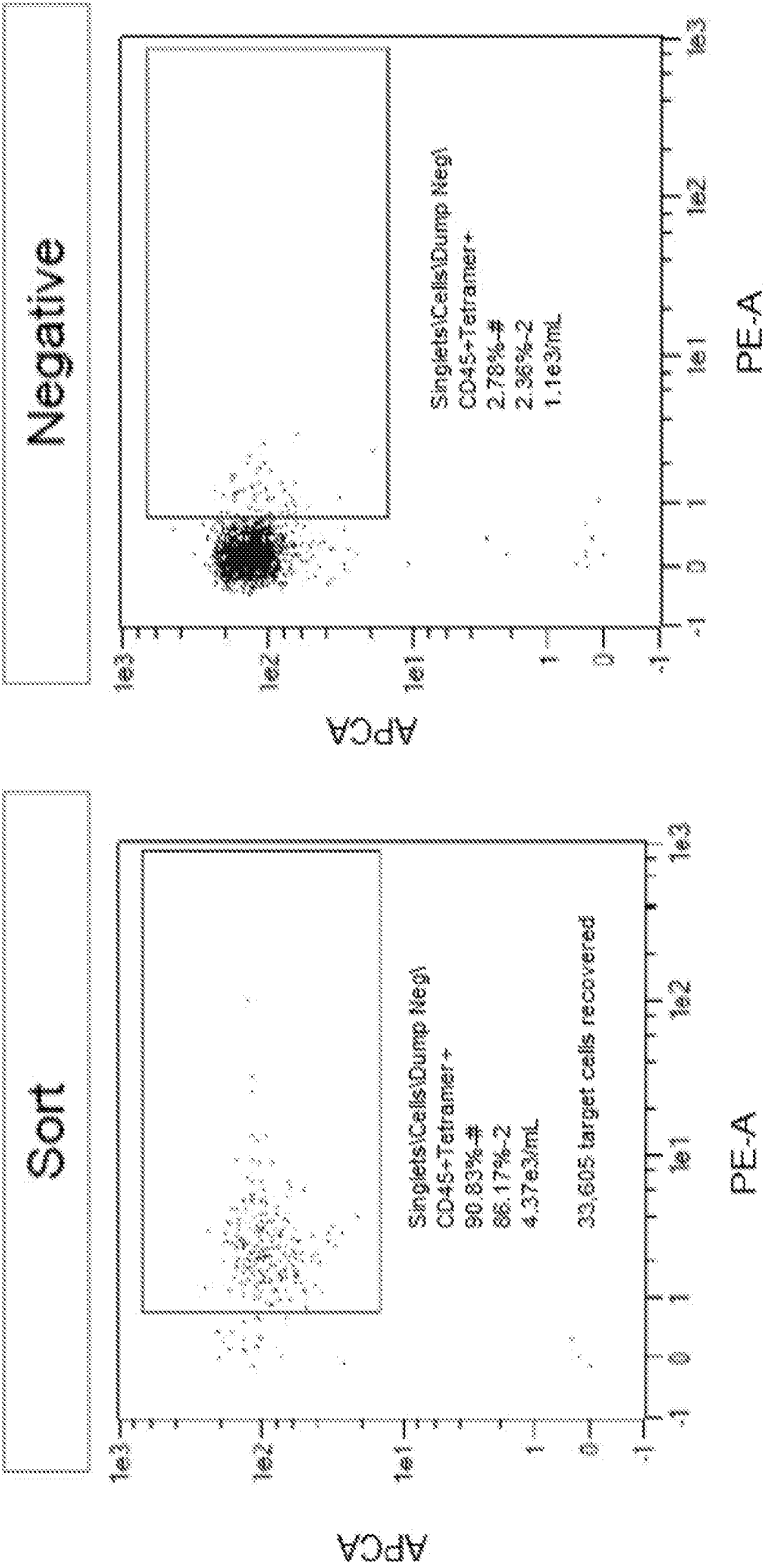


FIG. 14

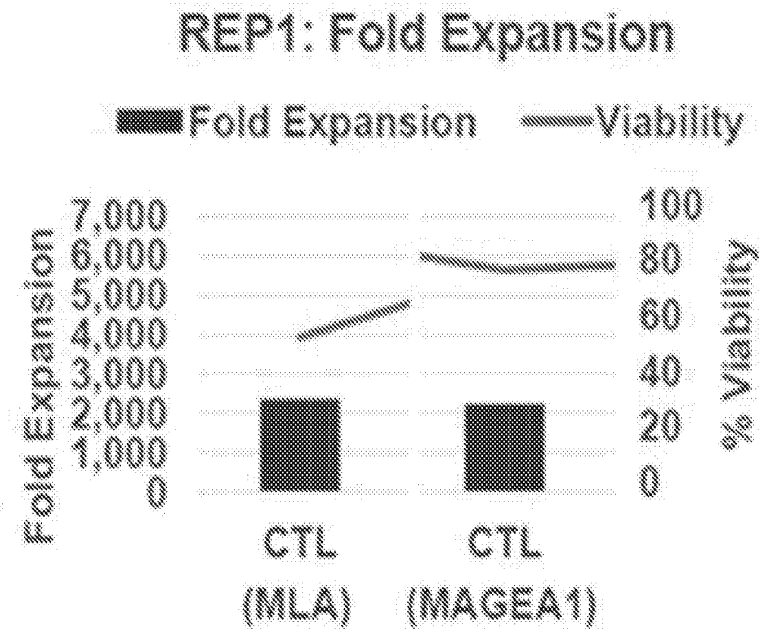
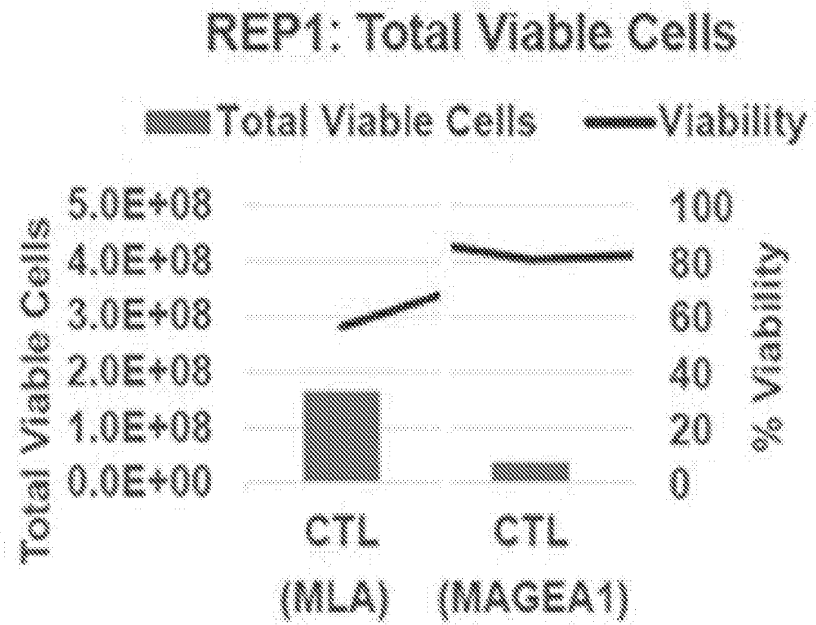


FIG. 15A

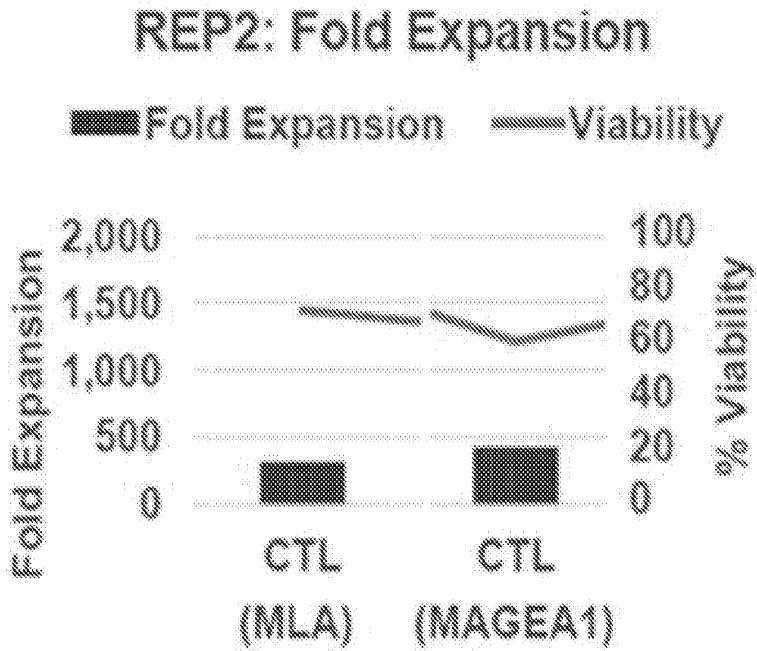
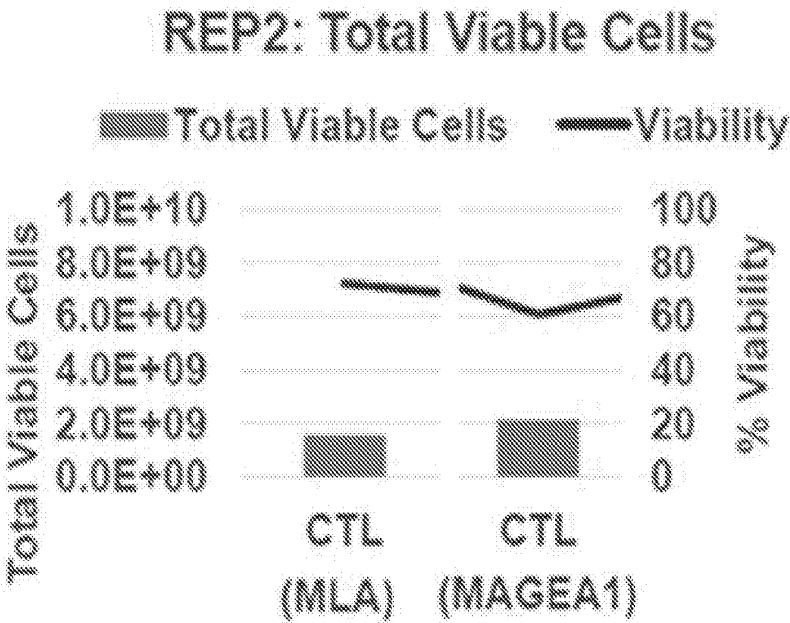


FIG. 15B

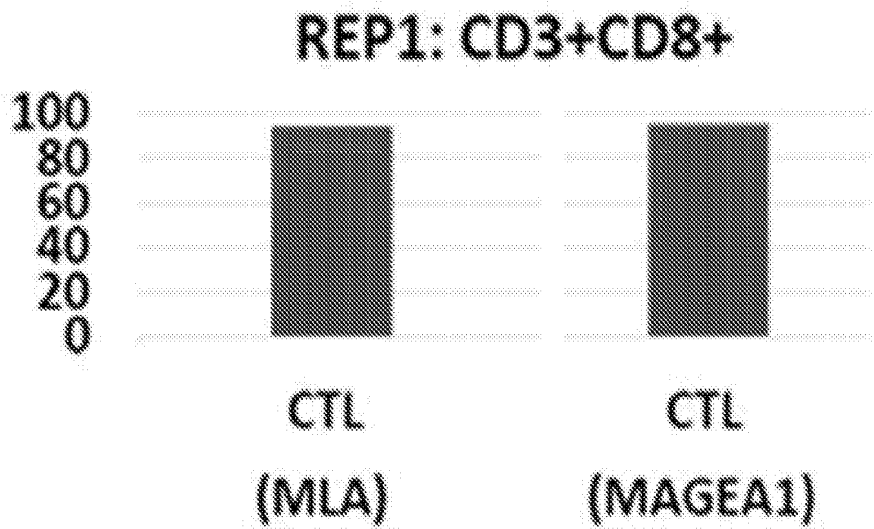


FIG. 16A

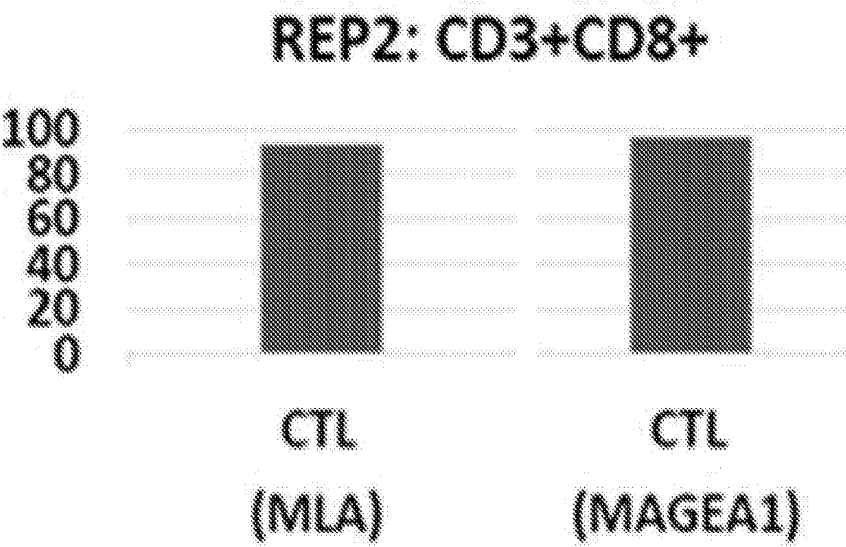


FIG. 16B

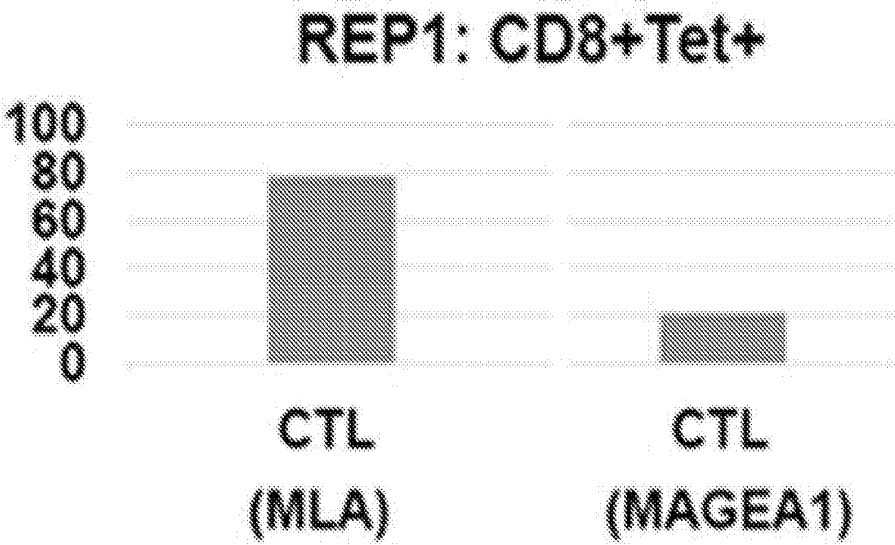


FIG. 17A

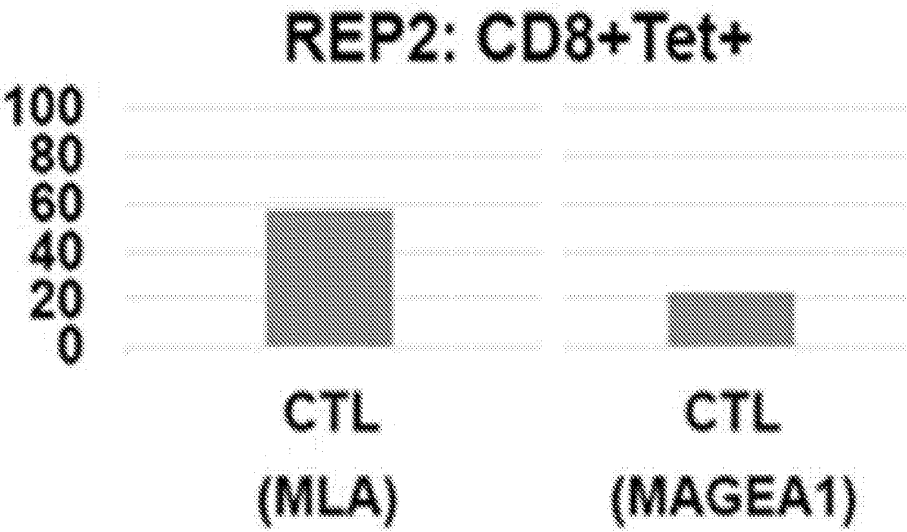


FIG. 17B

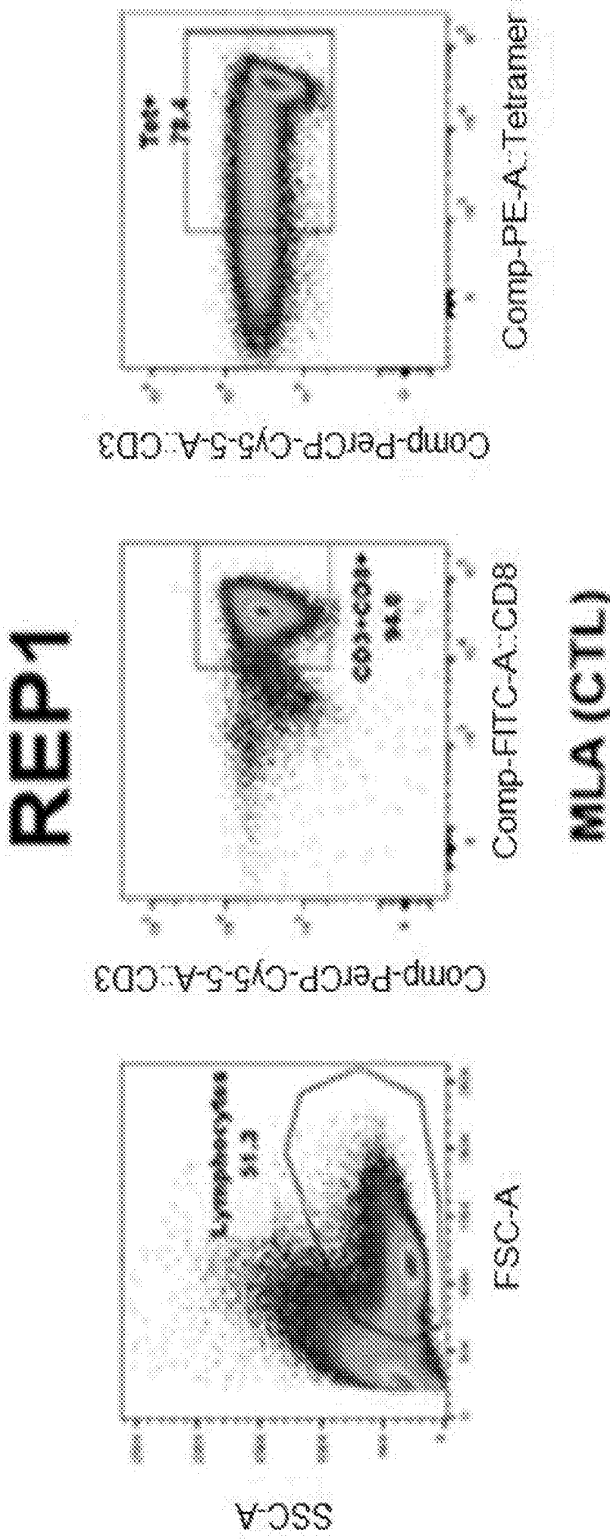


FIG. 18A

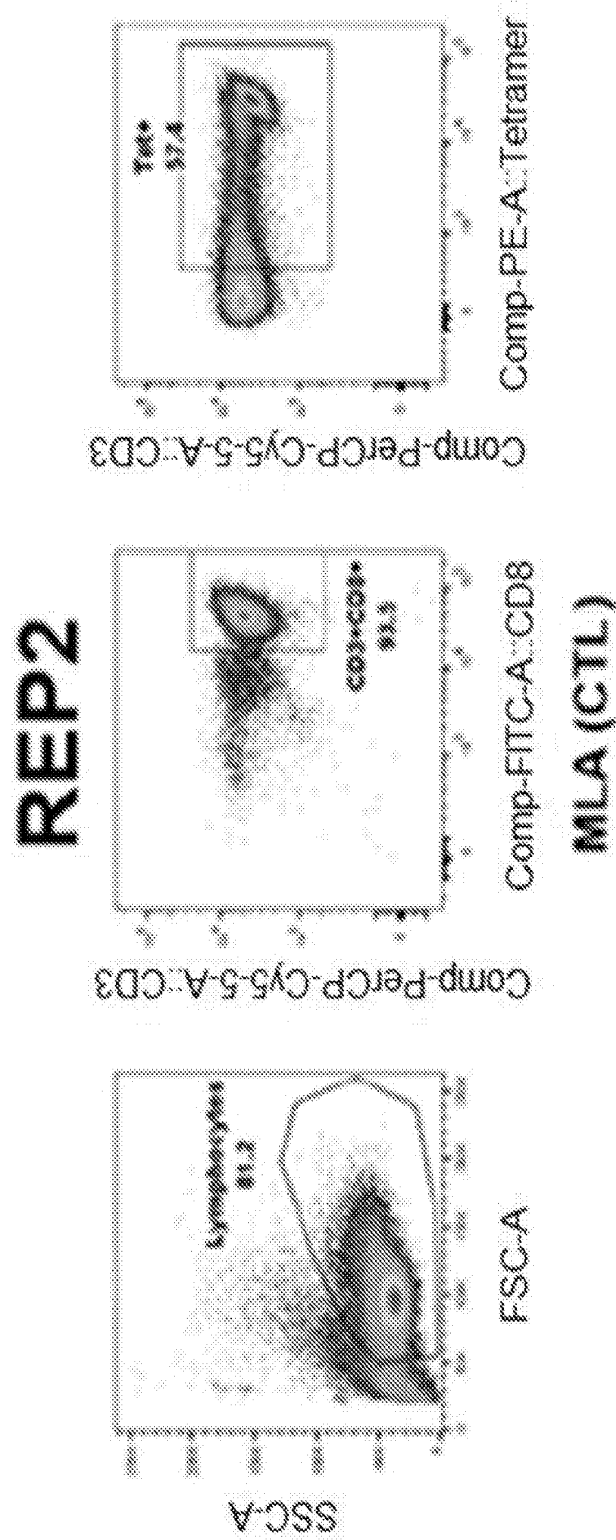


FIG. 18B

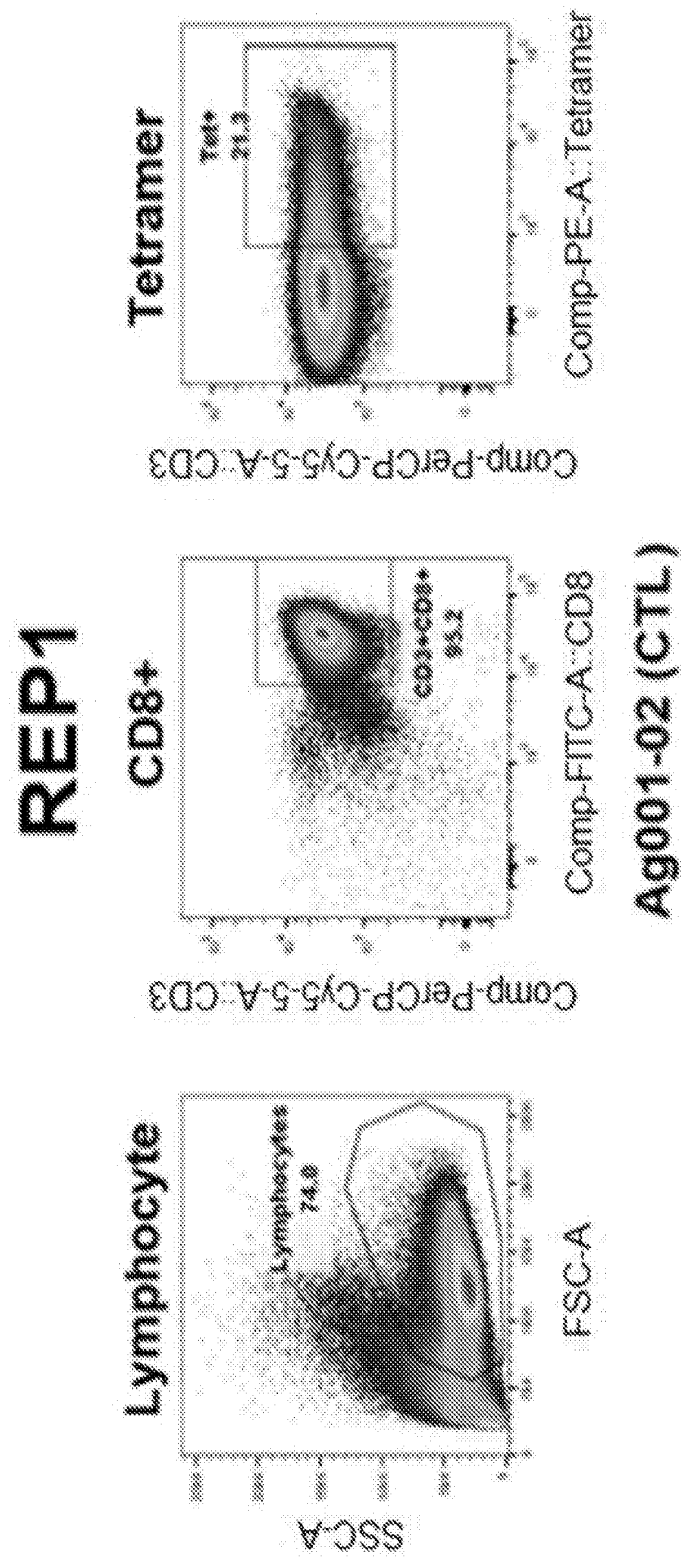
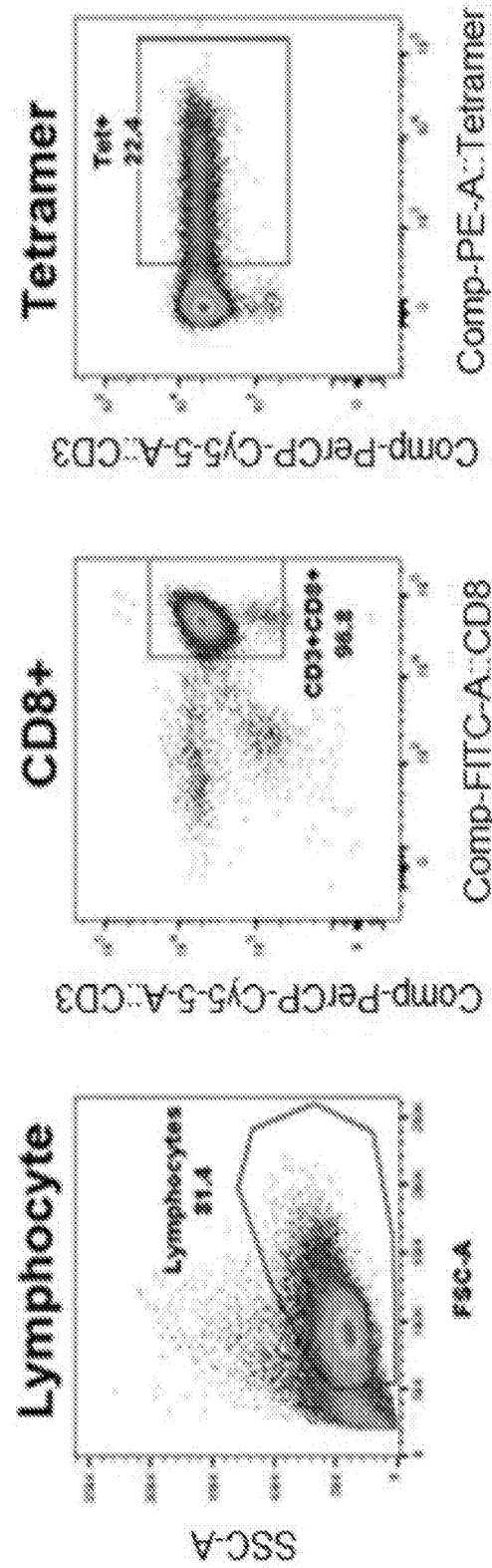


FIG. 19A

REP2



Ag001-02 (CTL)

FIG. 19B

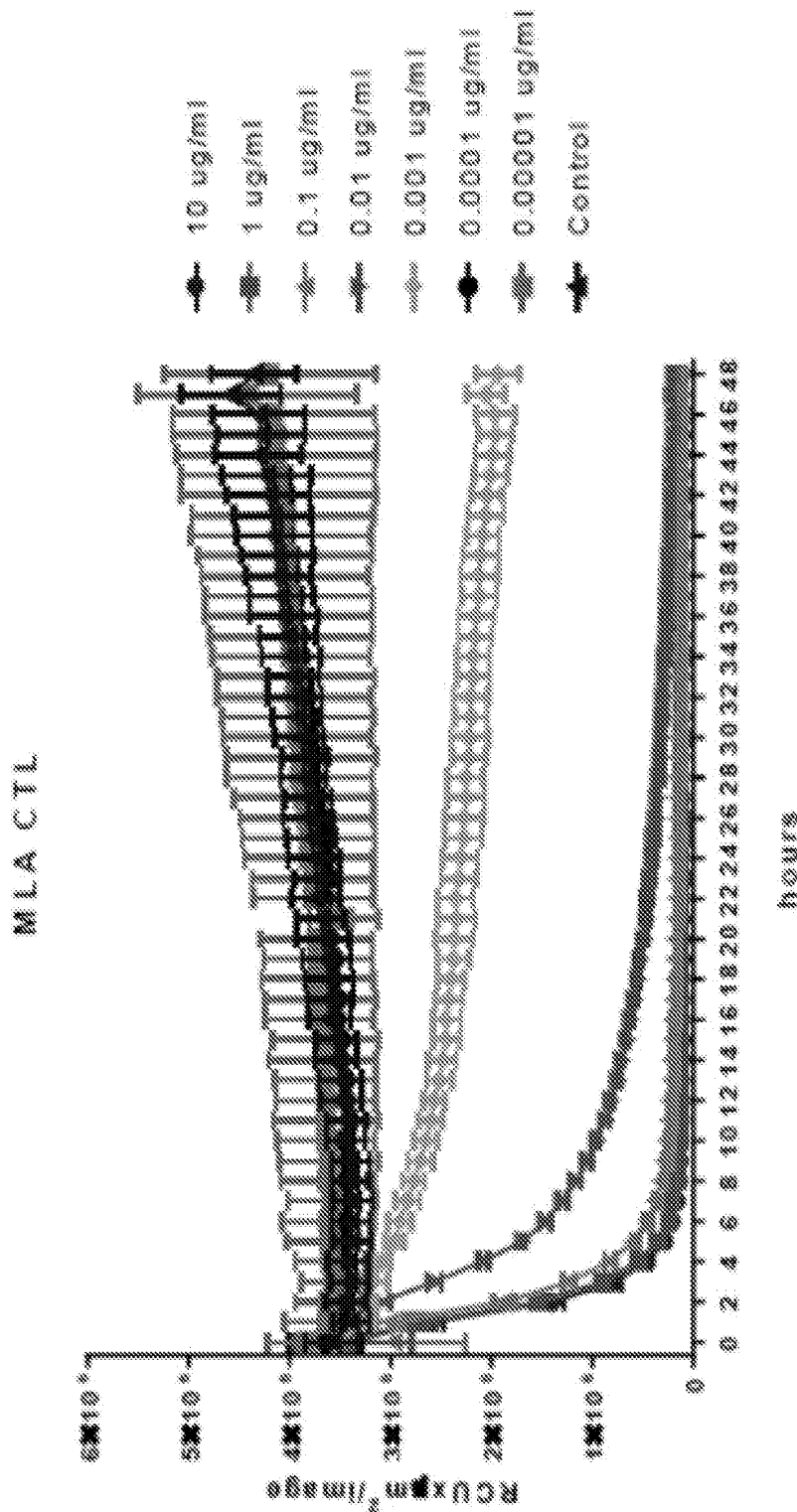


FIG. 20A

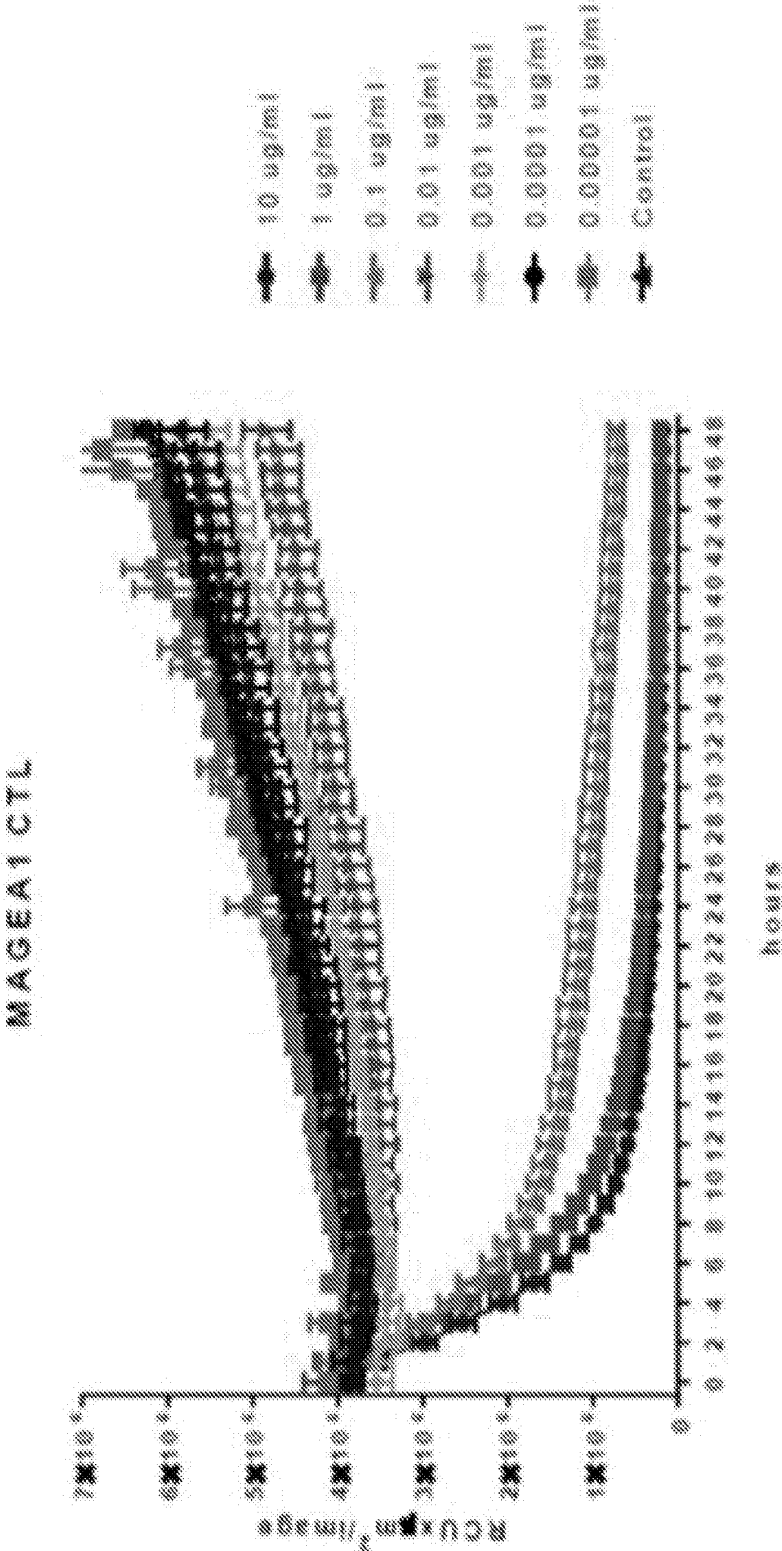


FIG. 20B

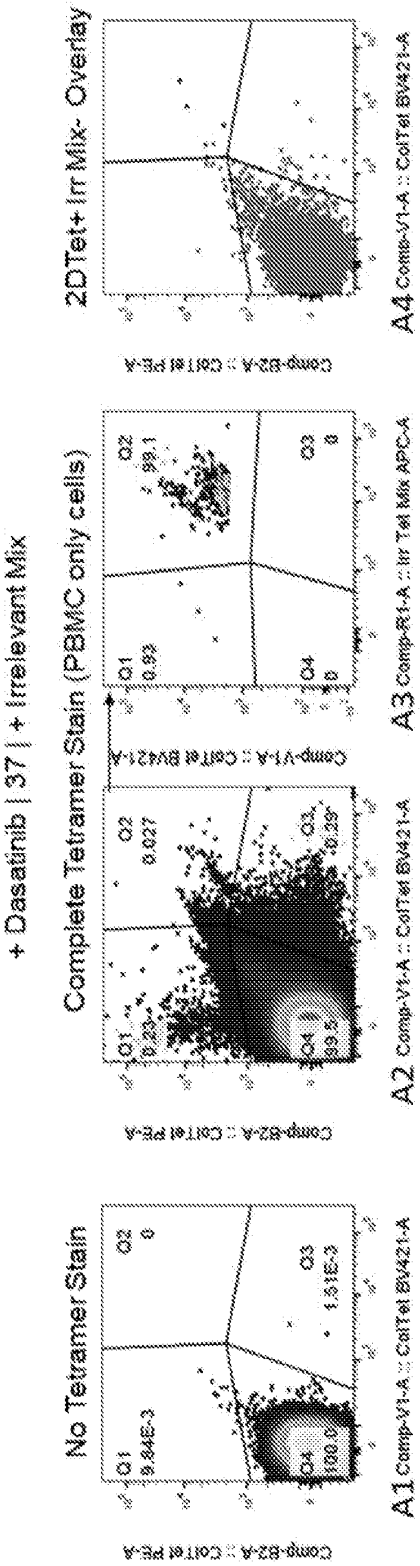


FIG. 21A

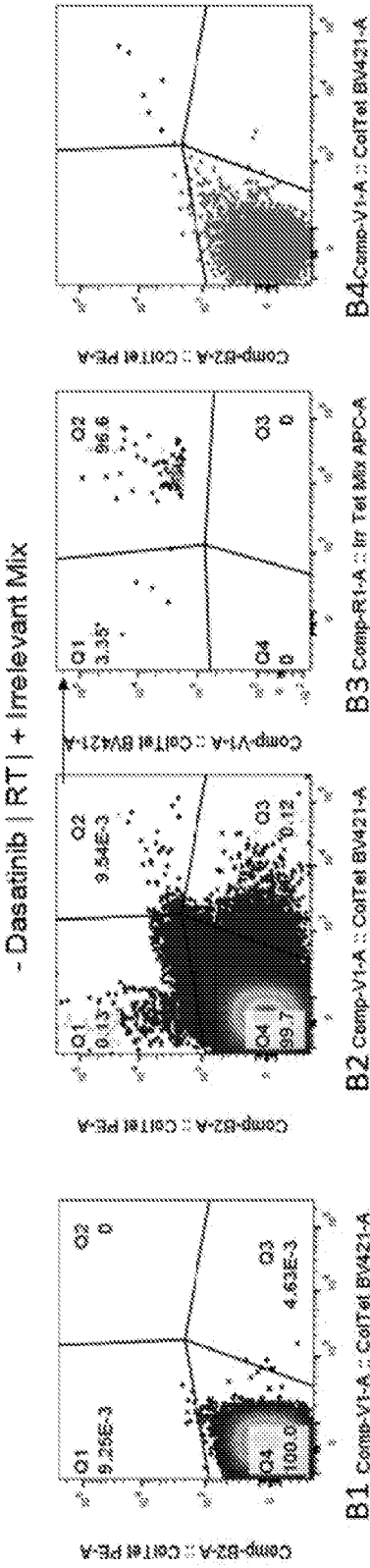


FIG. 21B

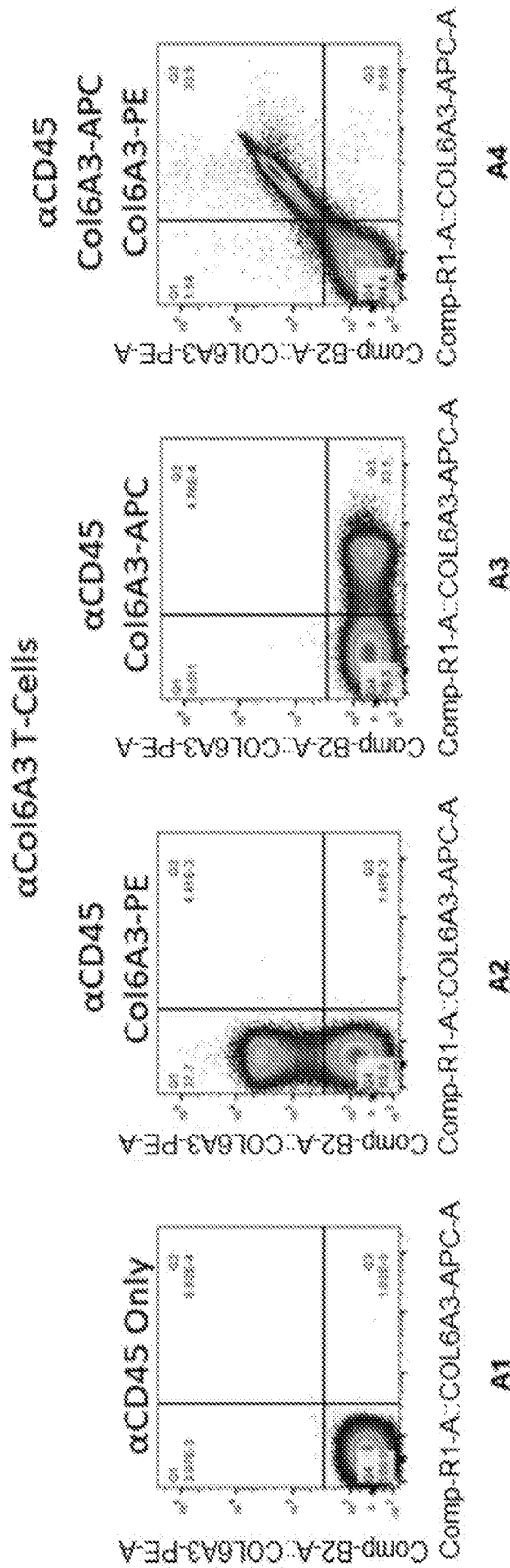


FIG. 22A

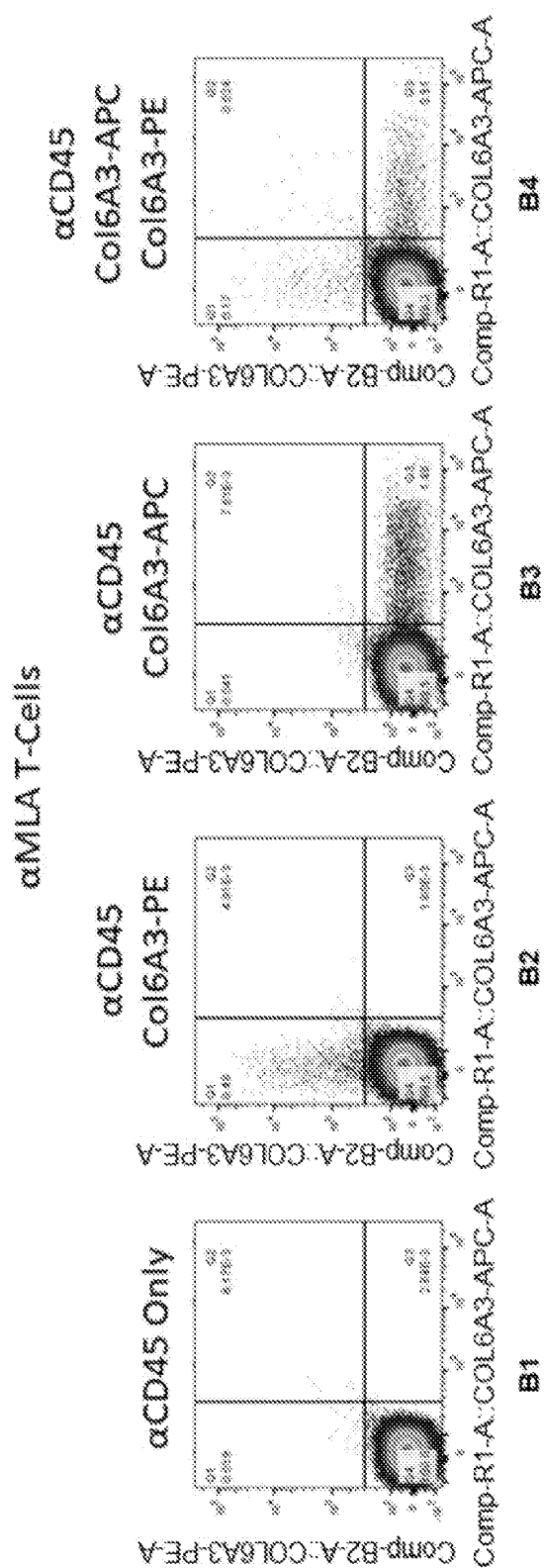
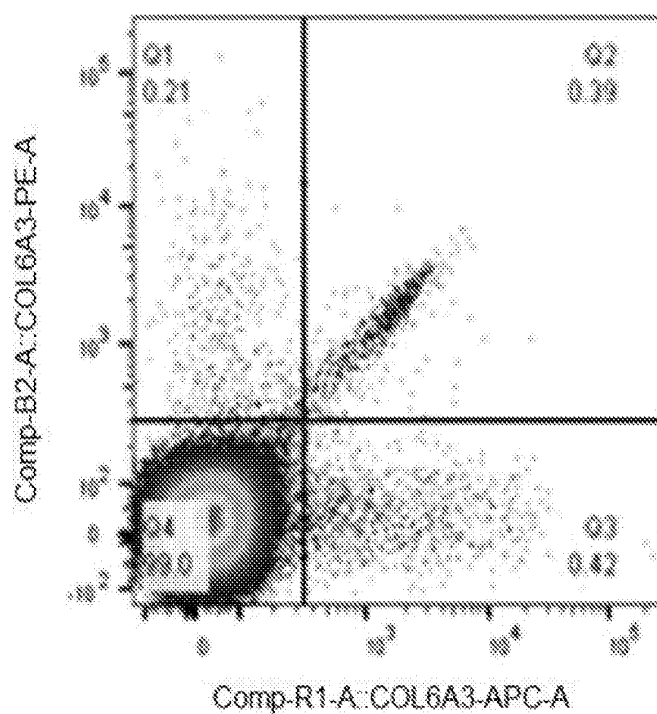


FIG. 22B

Mix 10:1 stained MLA T-cells with stained Col6A3 T-cells

**FIG. 22C**

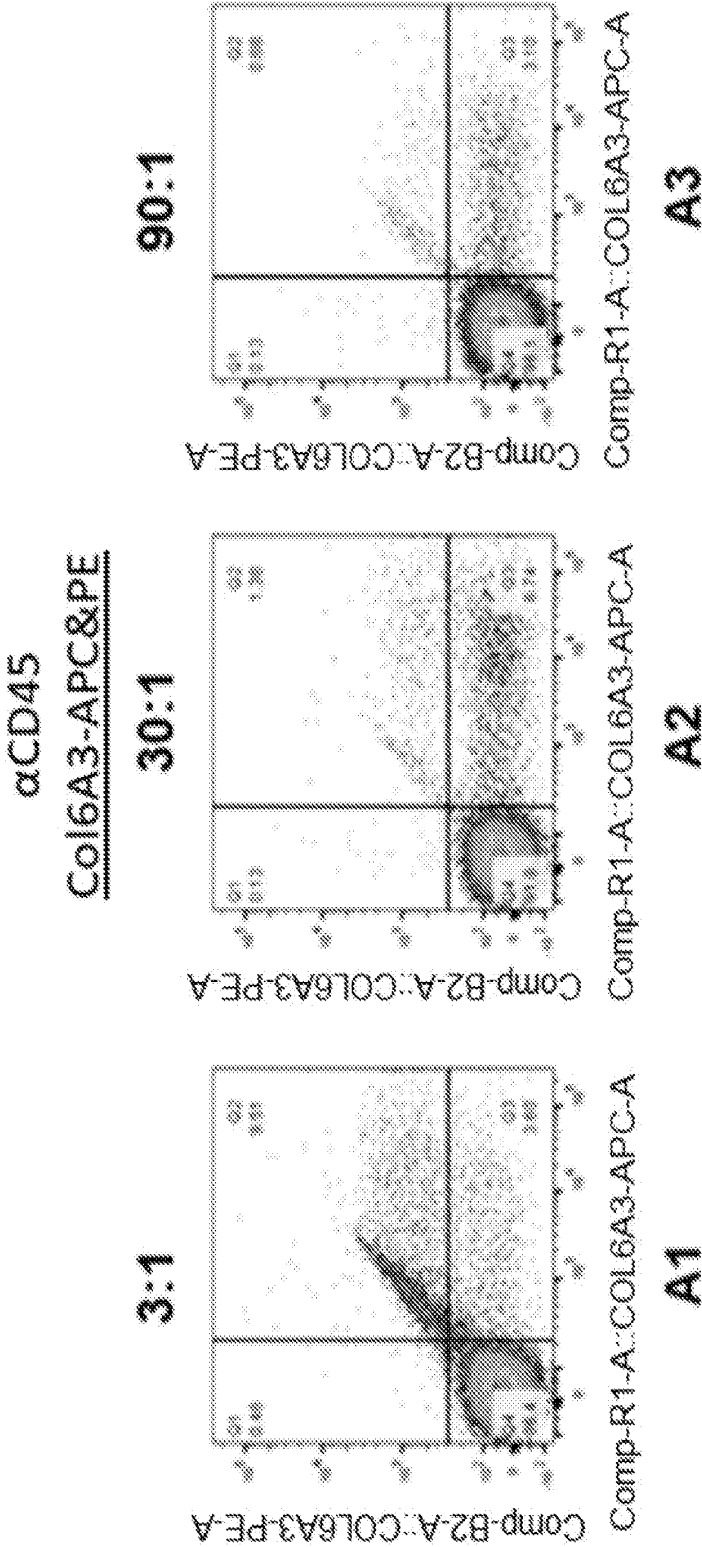


FIG. 23A

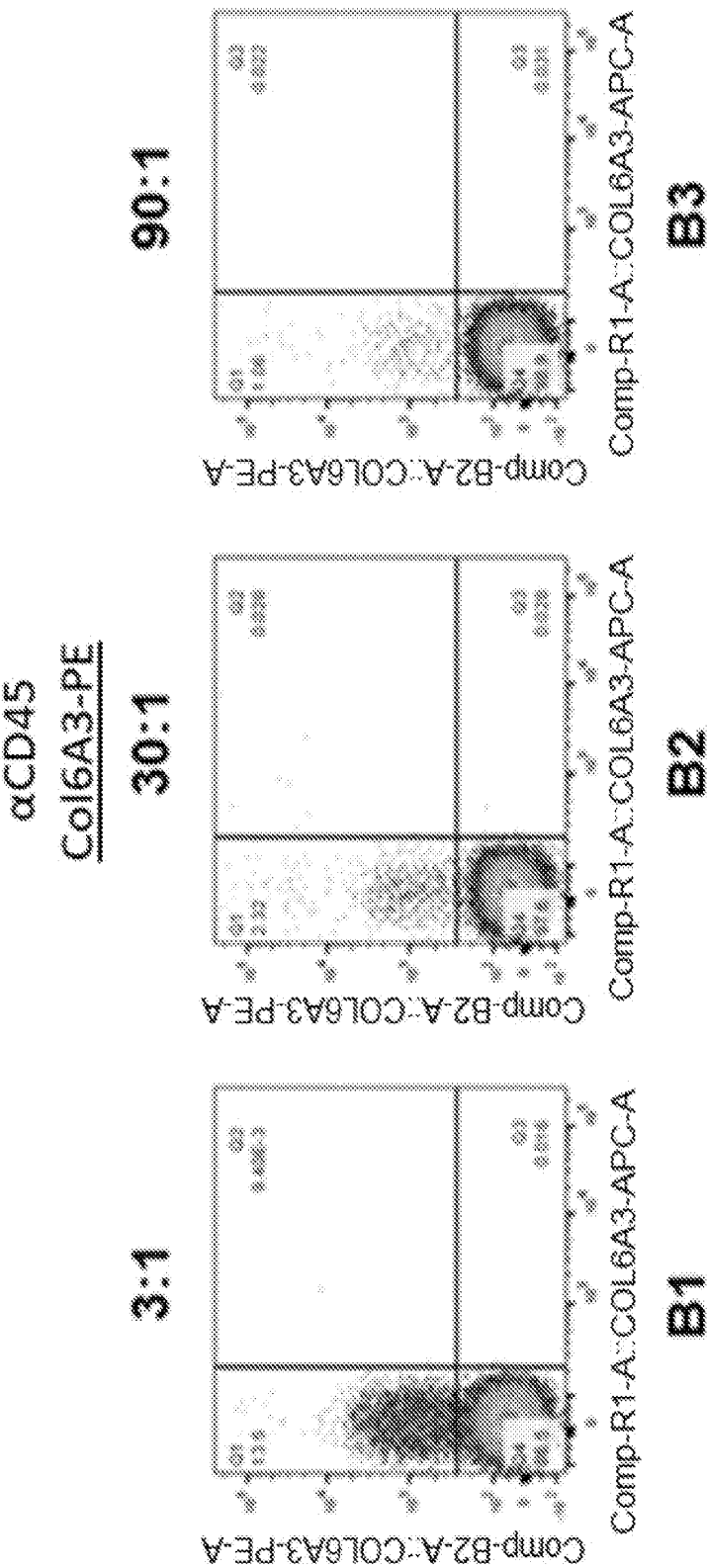
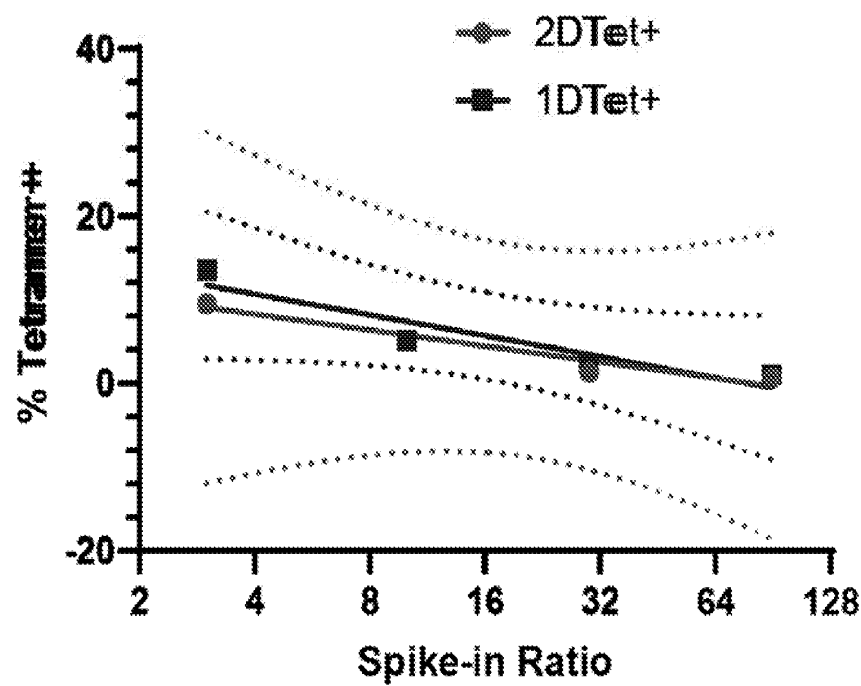


FIG. 23B



	2DTet+	1DTet+
R squared	0.9394	0.8756

FIG. 23C

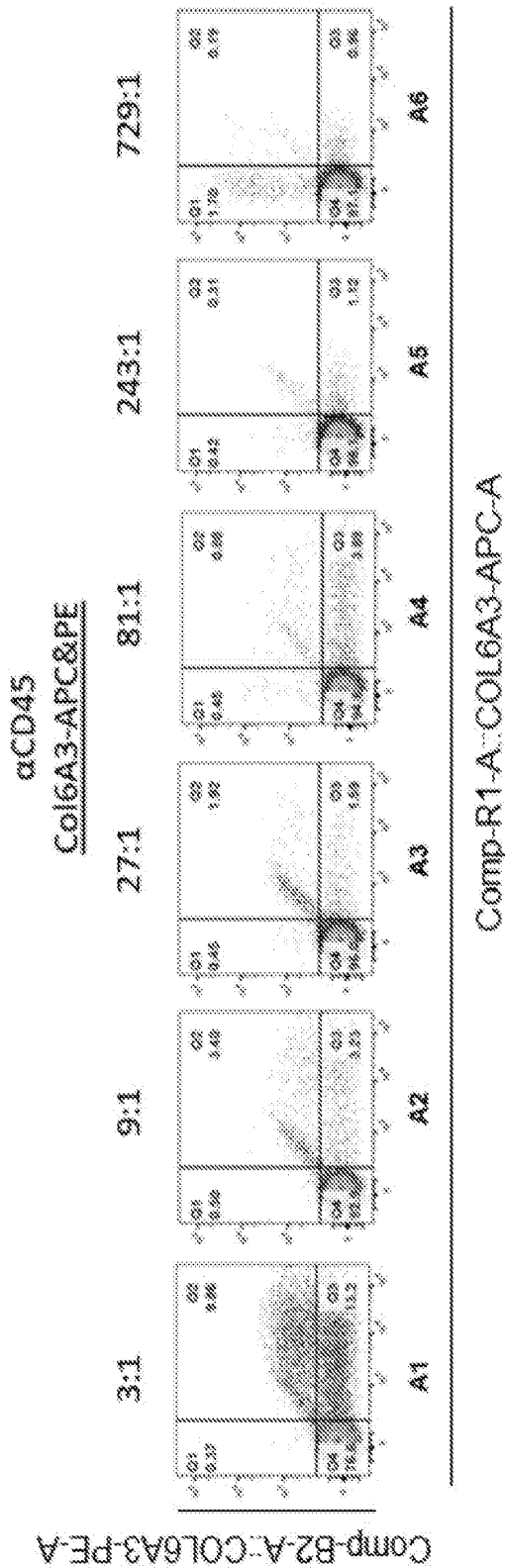


FIG. 24A

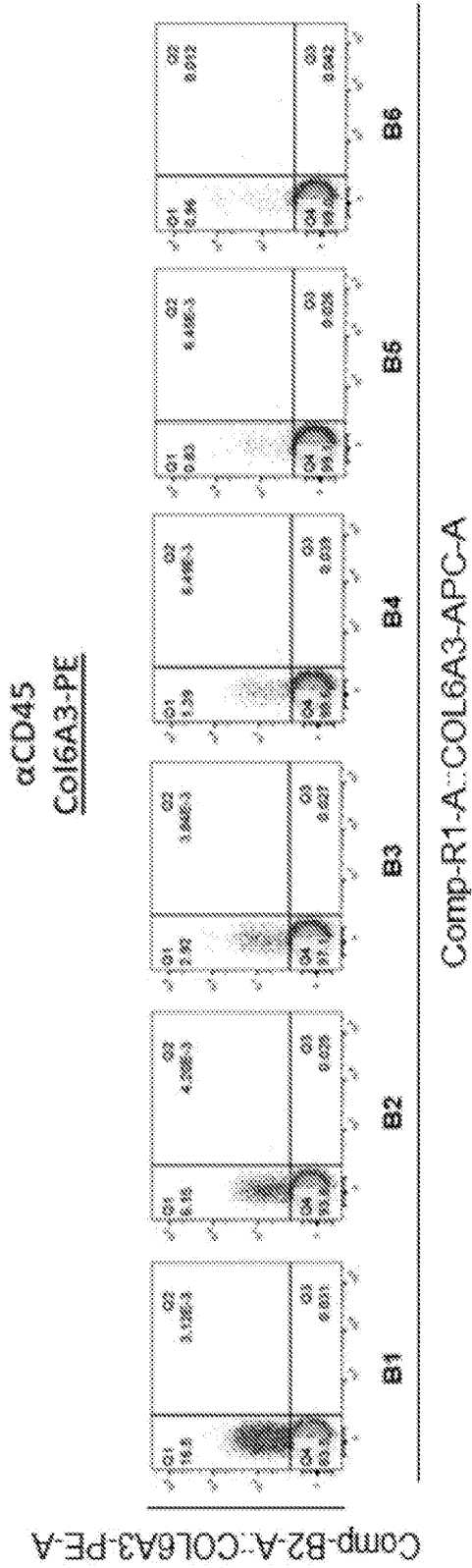


FIG. 24B

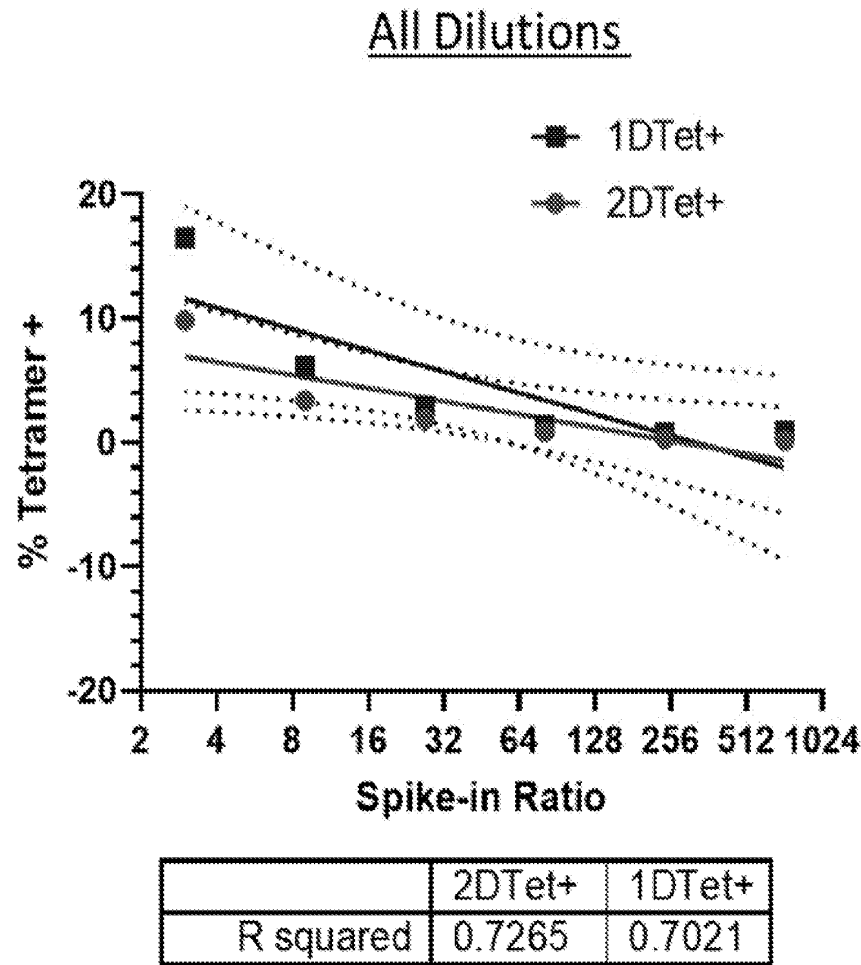


FIG. 24C

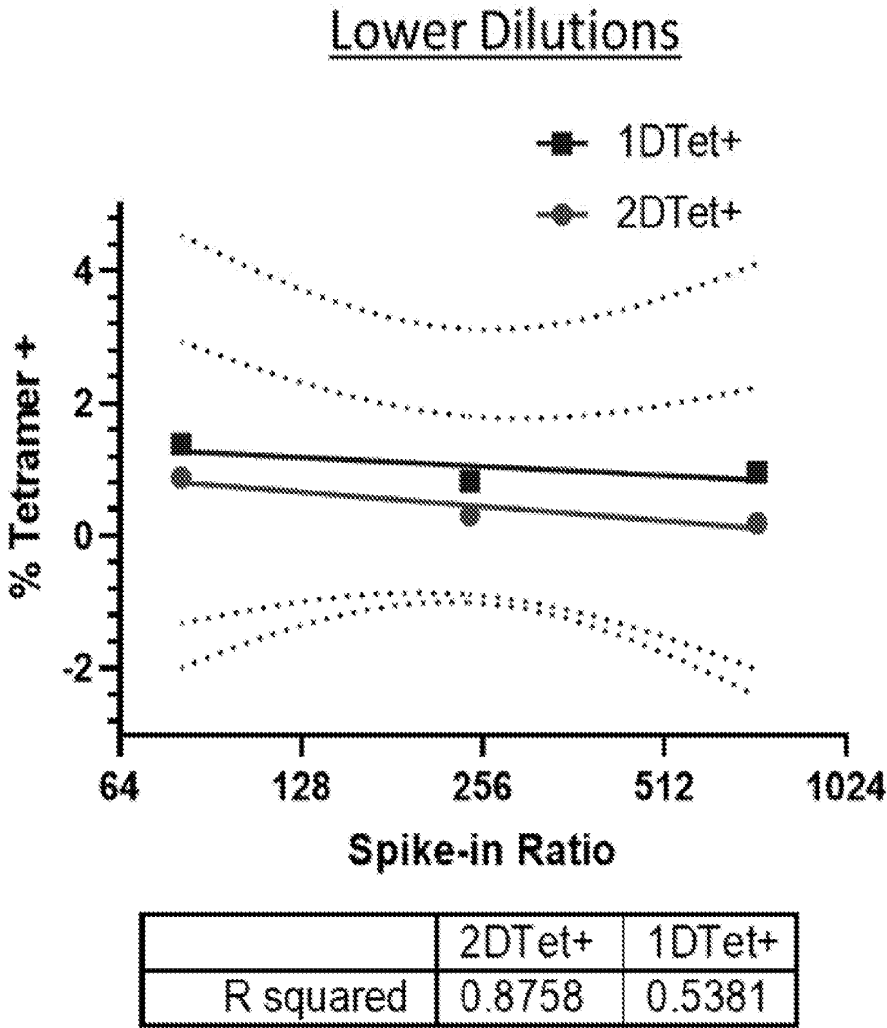


FIG. 24D

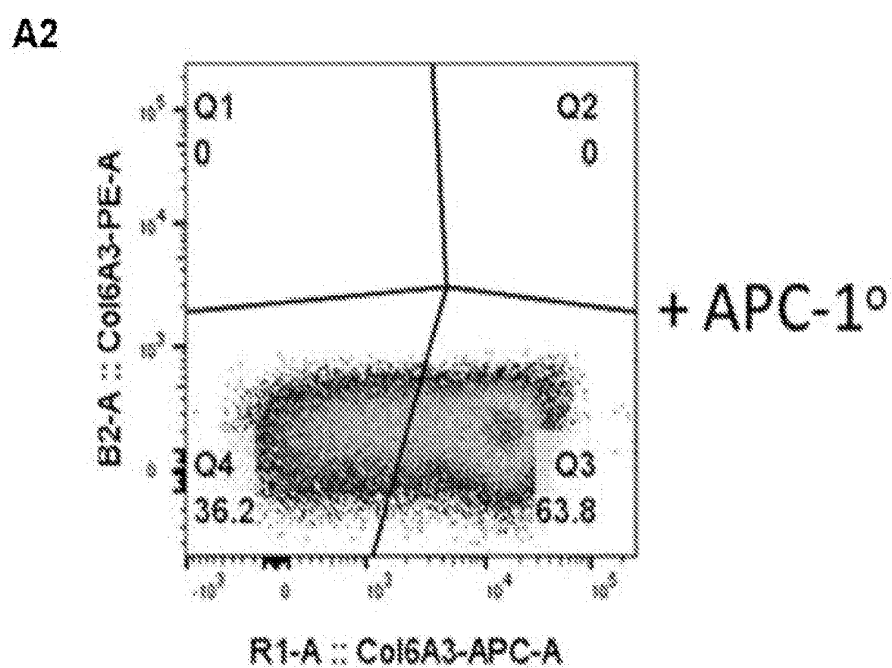
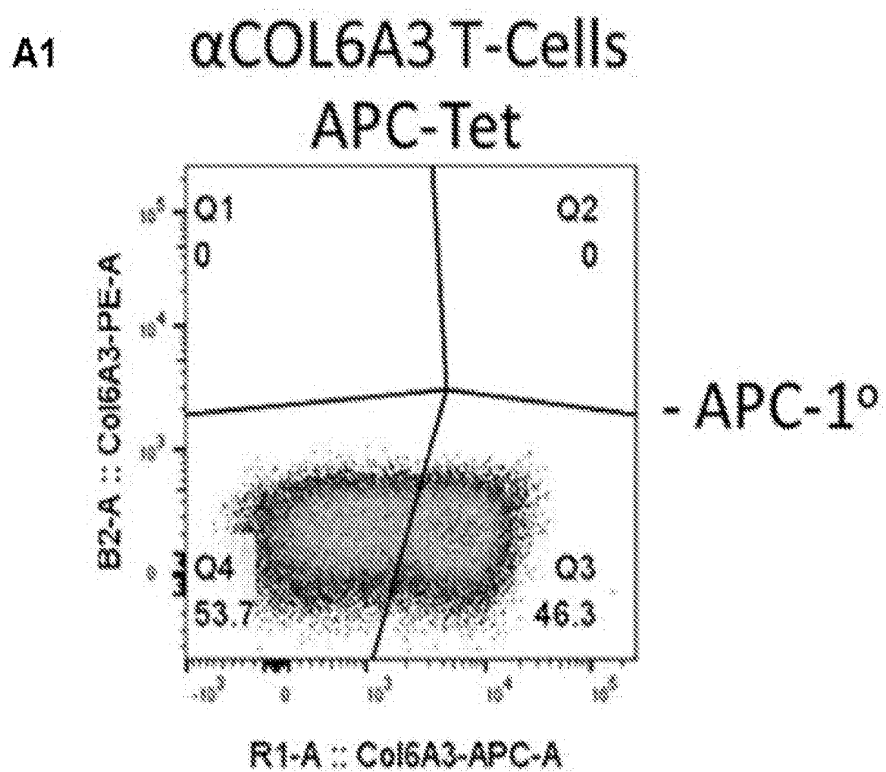


FIG. 25A

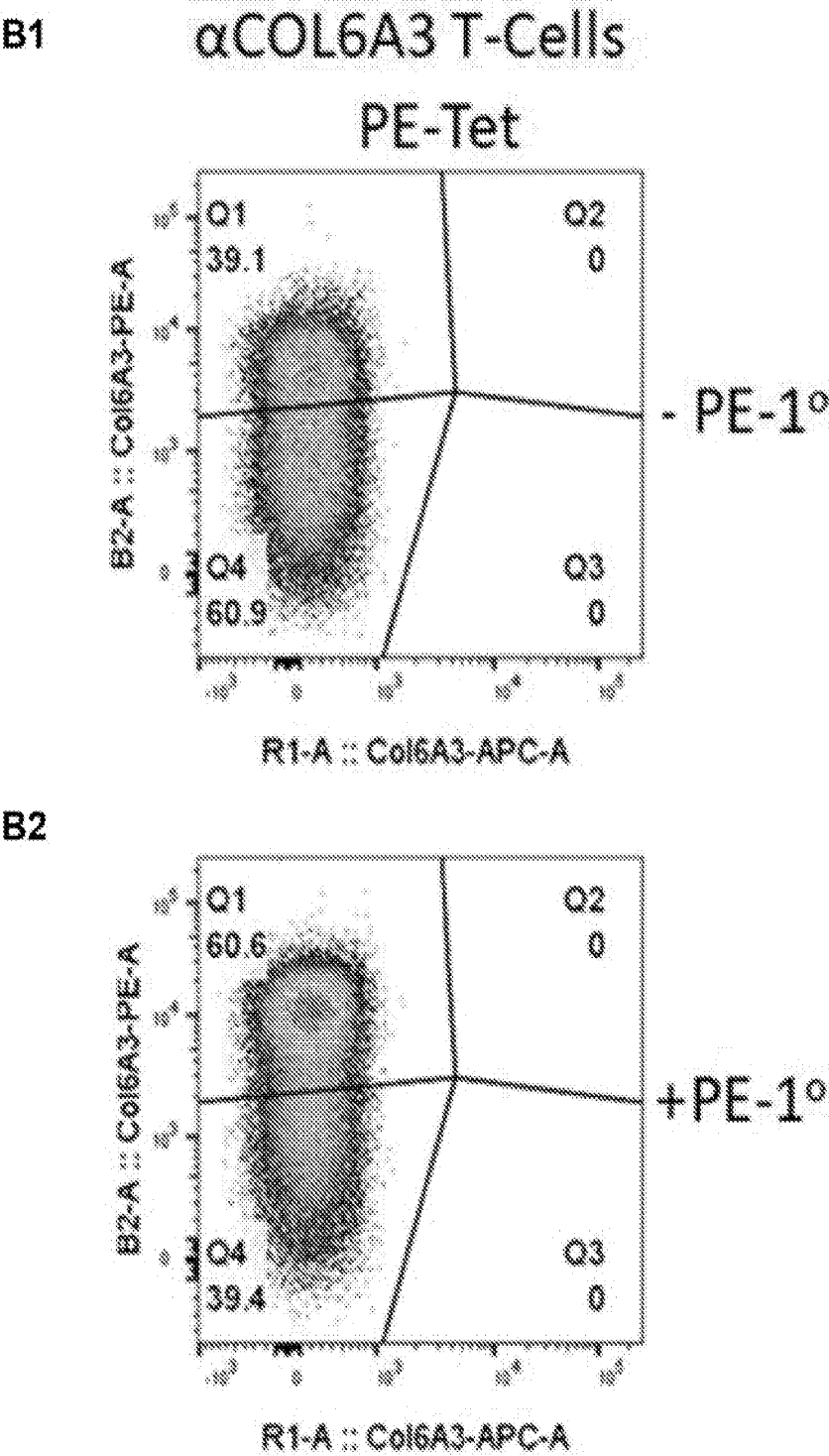


FIG. 25B

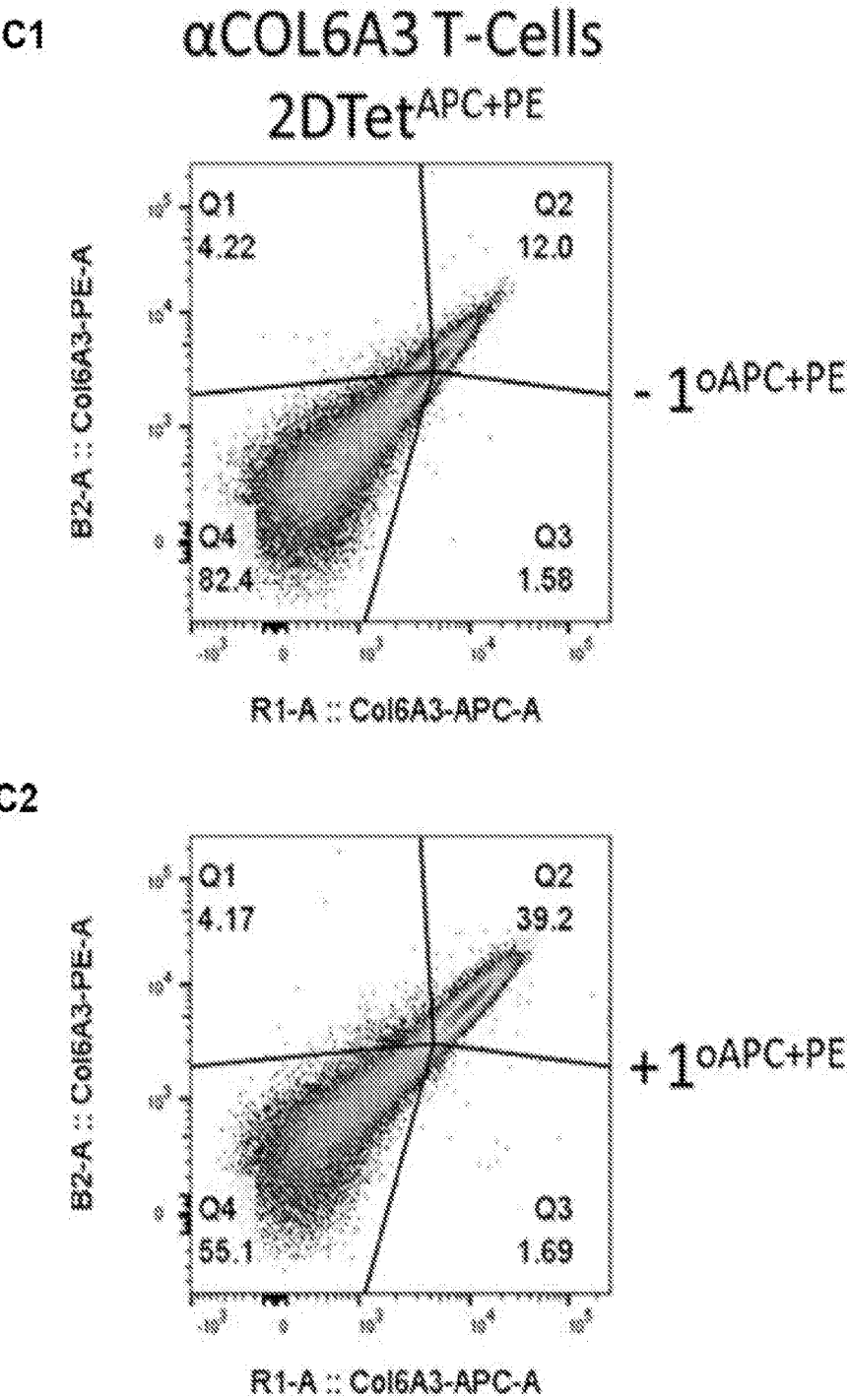
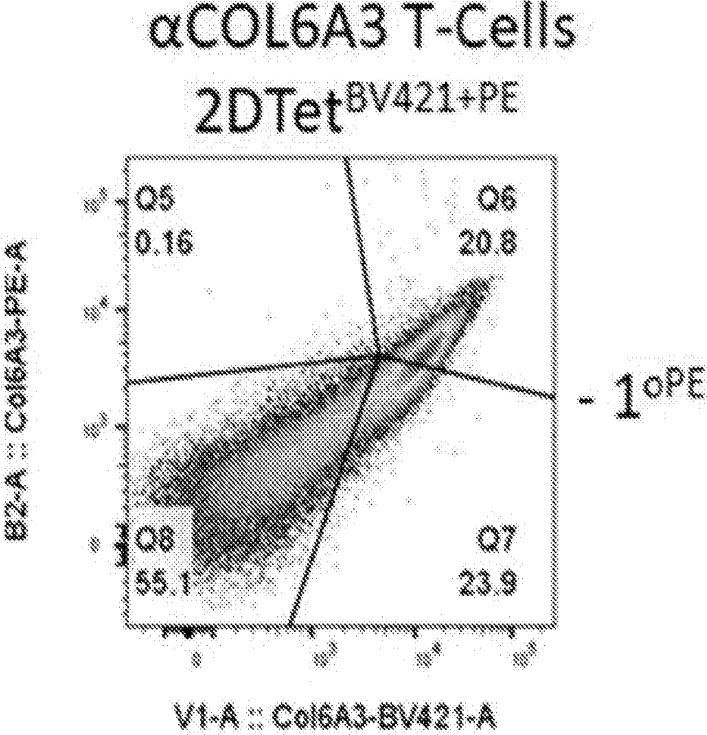


FIG. 25C

D1



D2

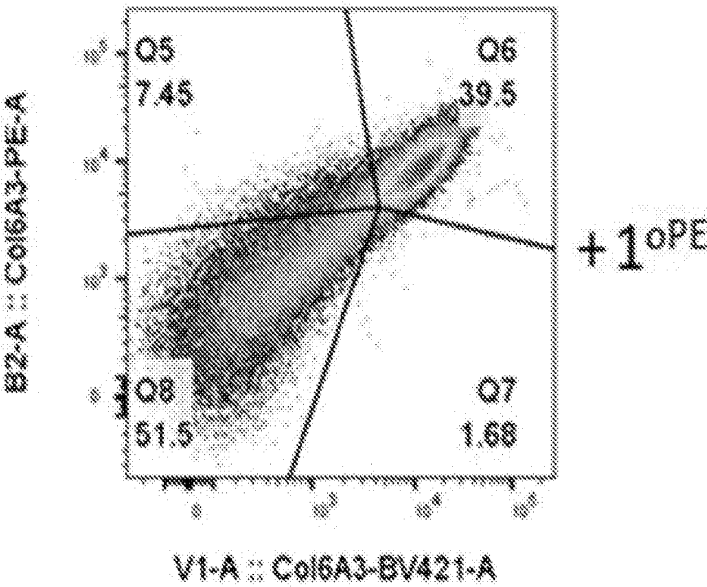
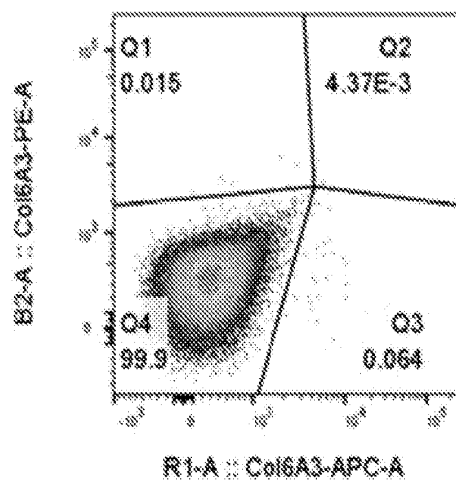


FIG. 25D

E1

α MLA T-Cells
2DTet^{APC+PE} + 1^oAPC+PE



E2

α MLA T-Cells
2DTet^{PE+BV421} + 1^oPE

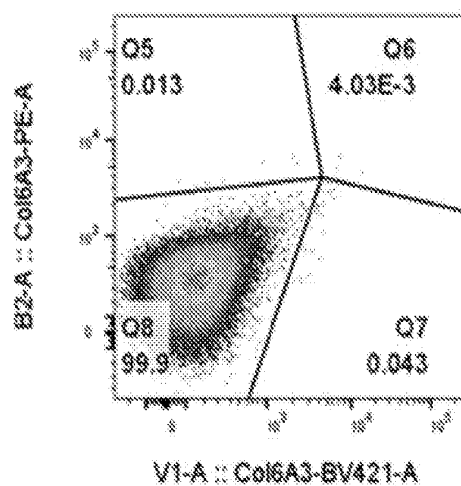
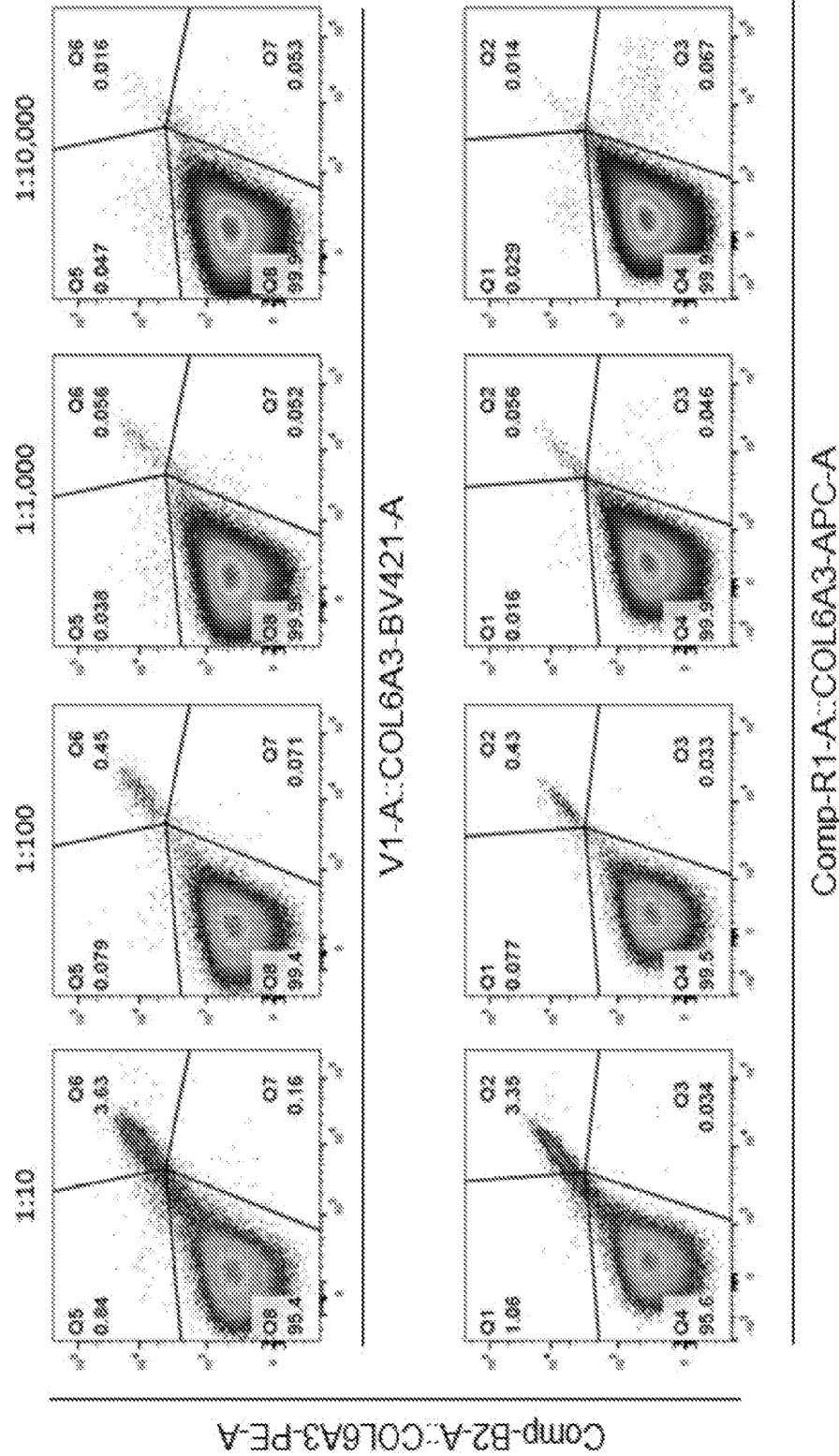


FIG. 25E

FIG. 26 α Col6A3 spiked into α MLA T-Cells



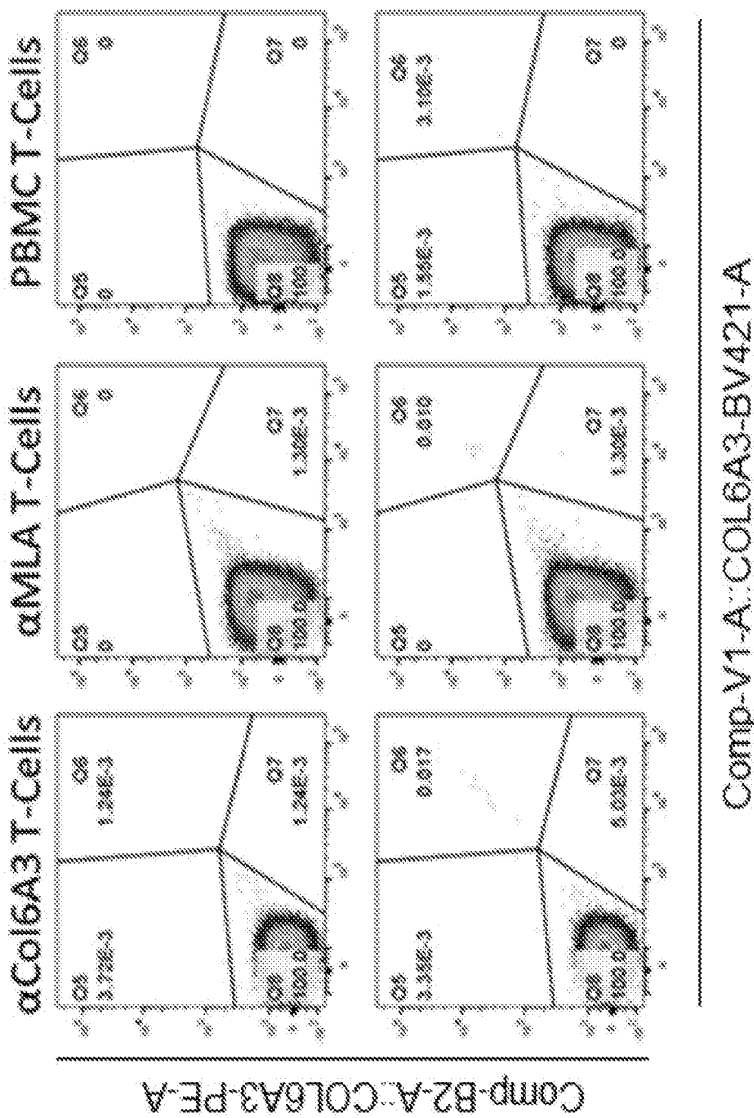
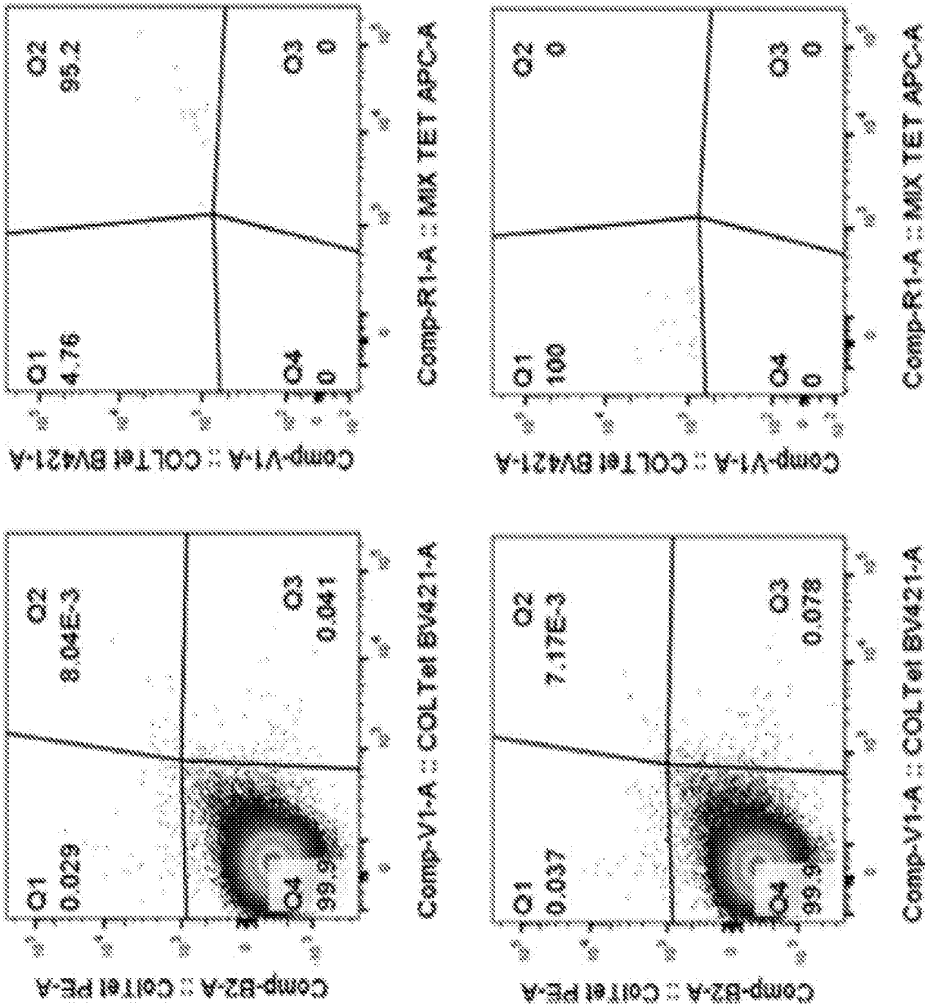


FIG. 27

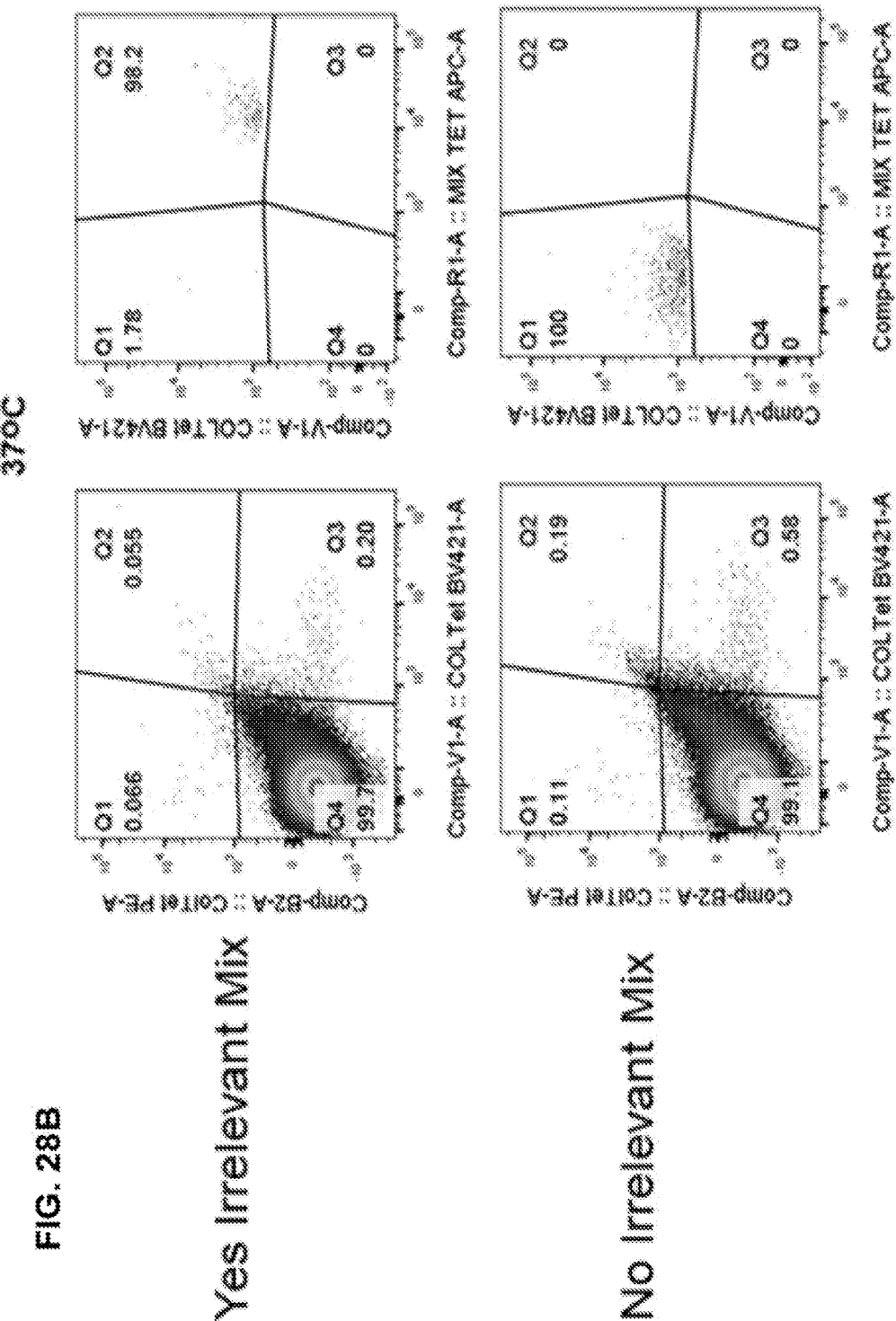
FIG. 28A

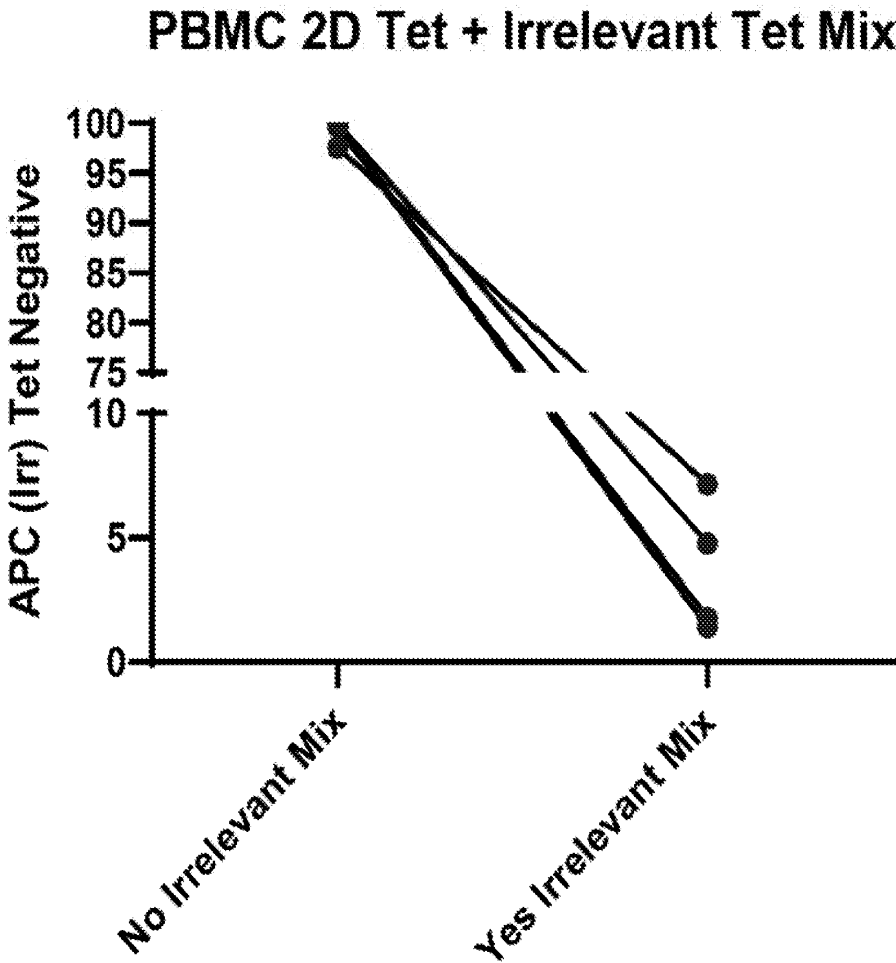
Room Temperature

Yes Irrelevant Mix



No Irrelevant Mix





Condition	Average Irrelevant Tet Negative of 2D Tet Positive
No Irrelevant Mix	99.3% (+/- 1.14)
Yes Irrelevant Mix	3.77% (+/- 2.7)

FIG. 28C

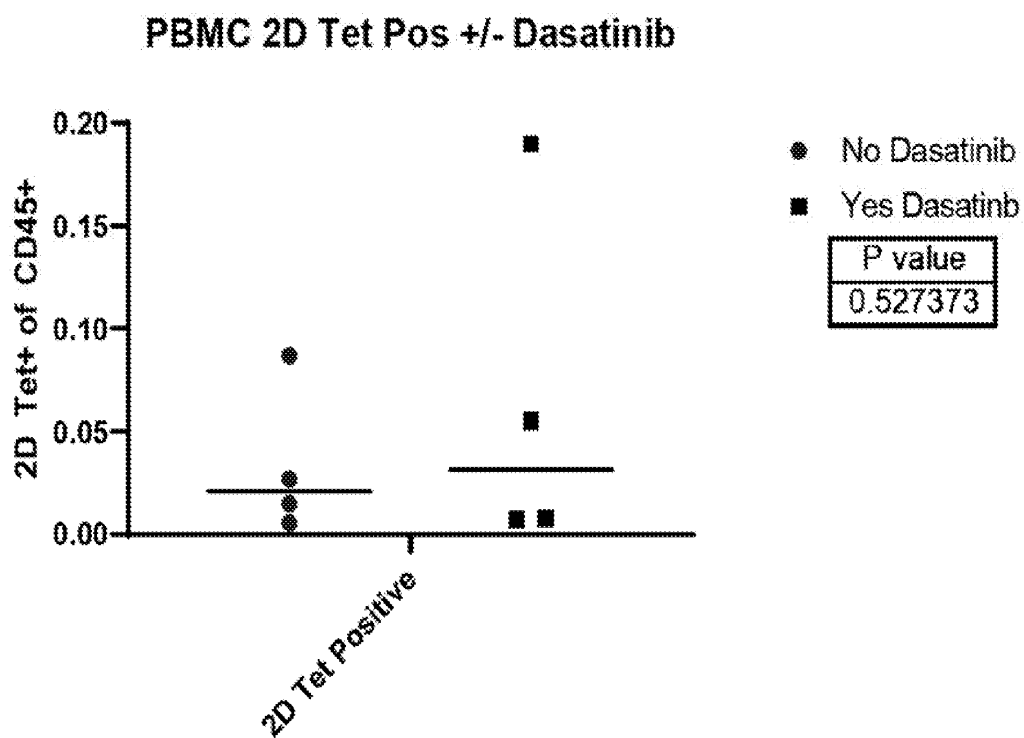


FIG. 29

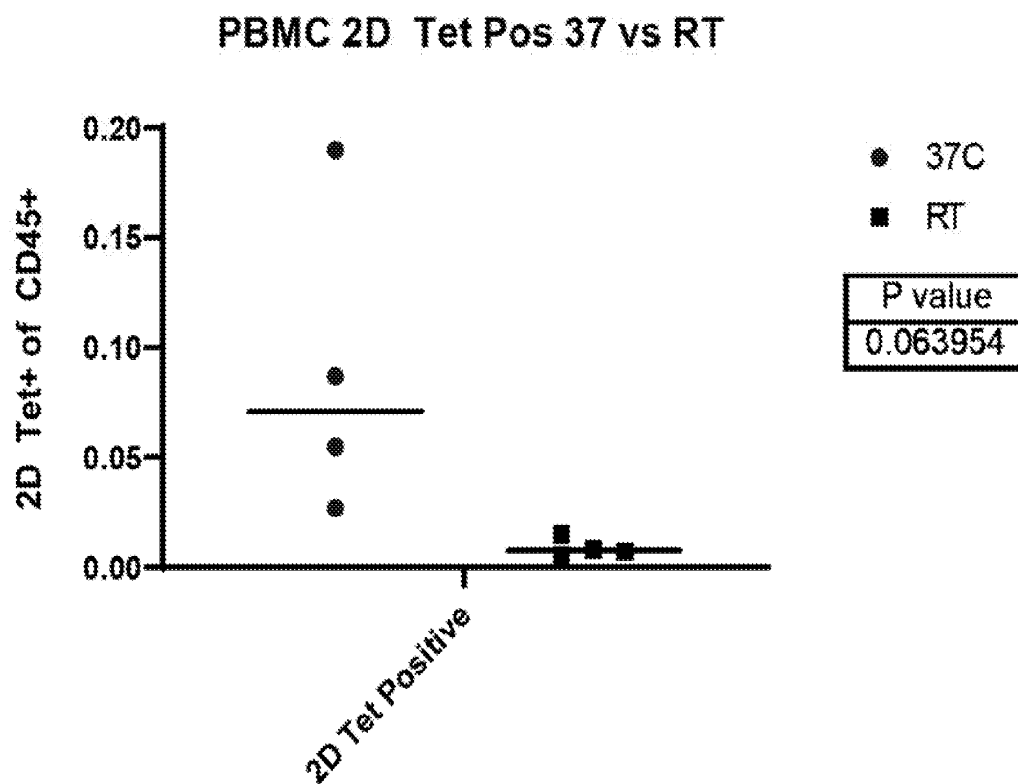
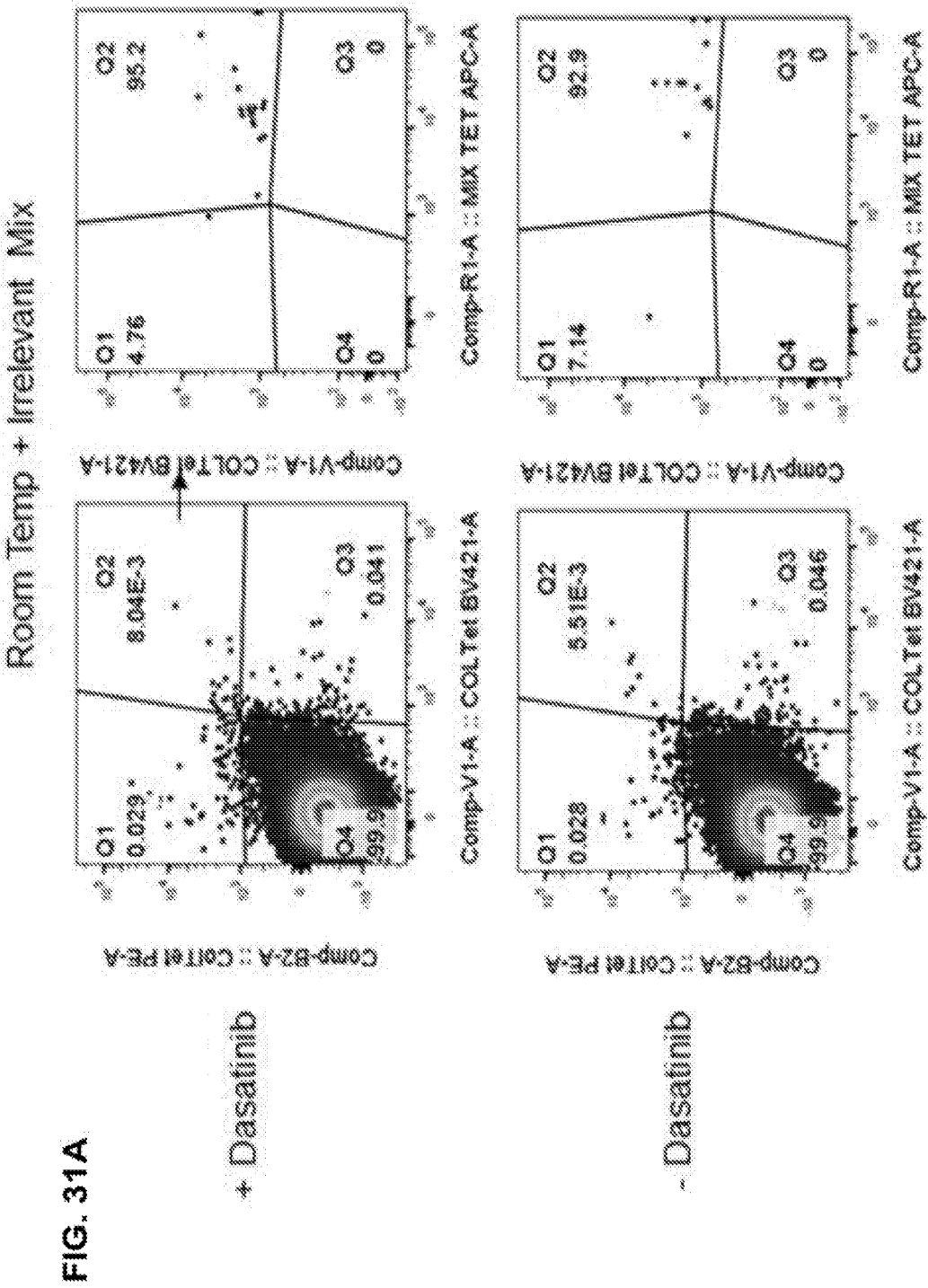
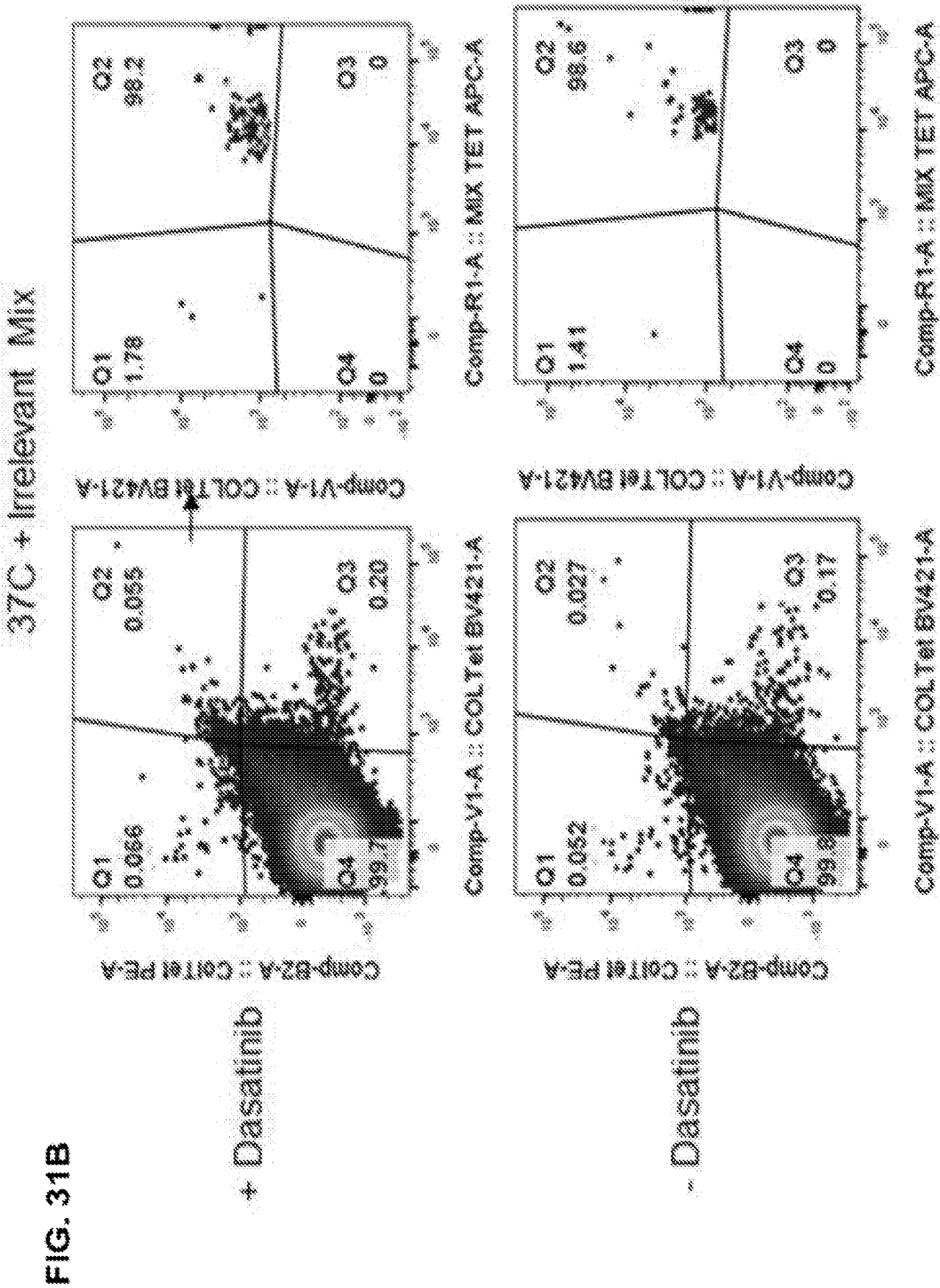


FIG. 30





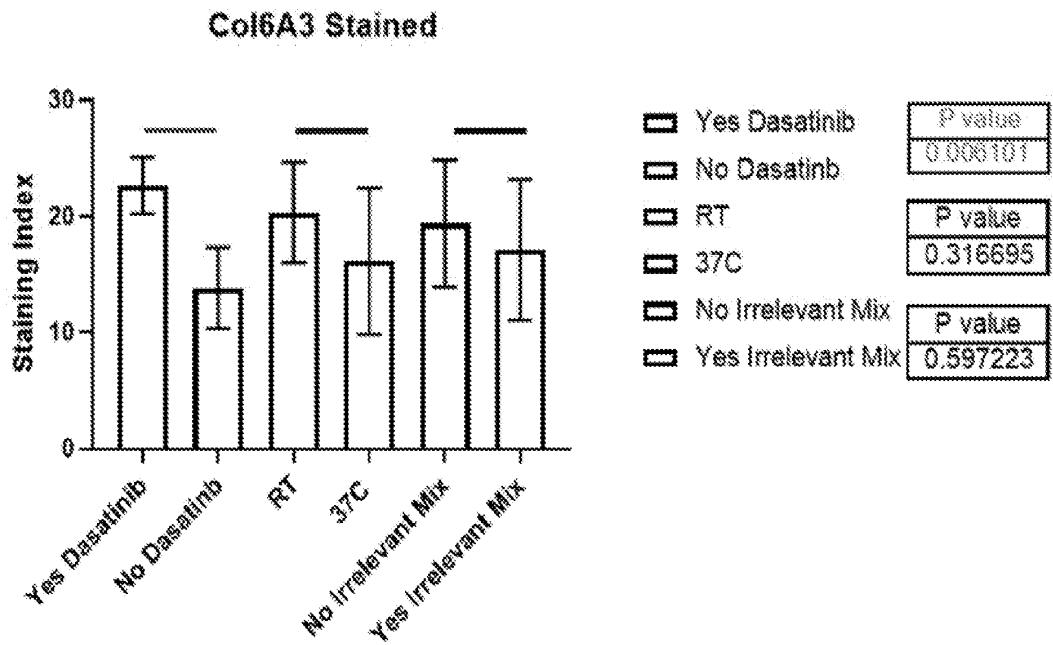
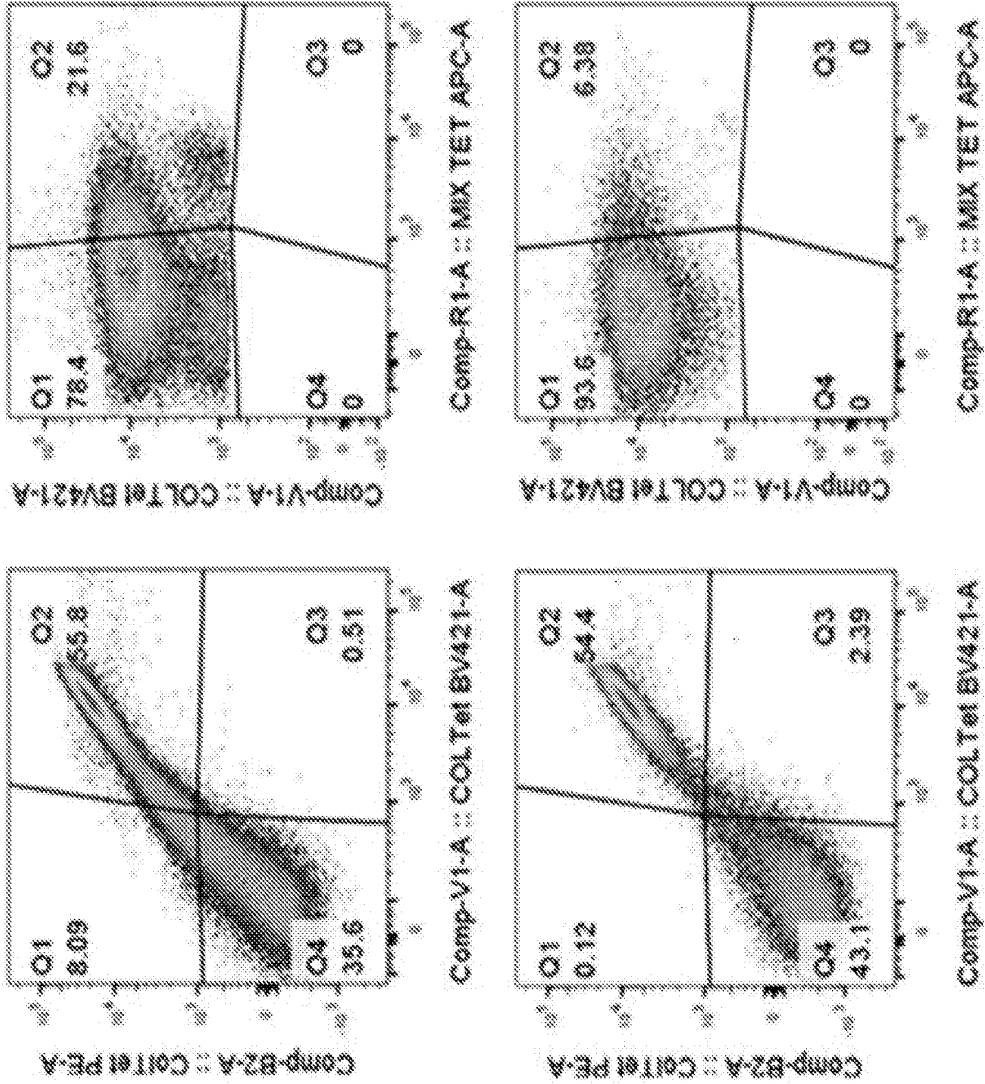


FIG. 32

+ Dasatinib + Irrelevant Mix

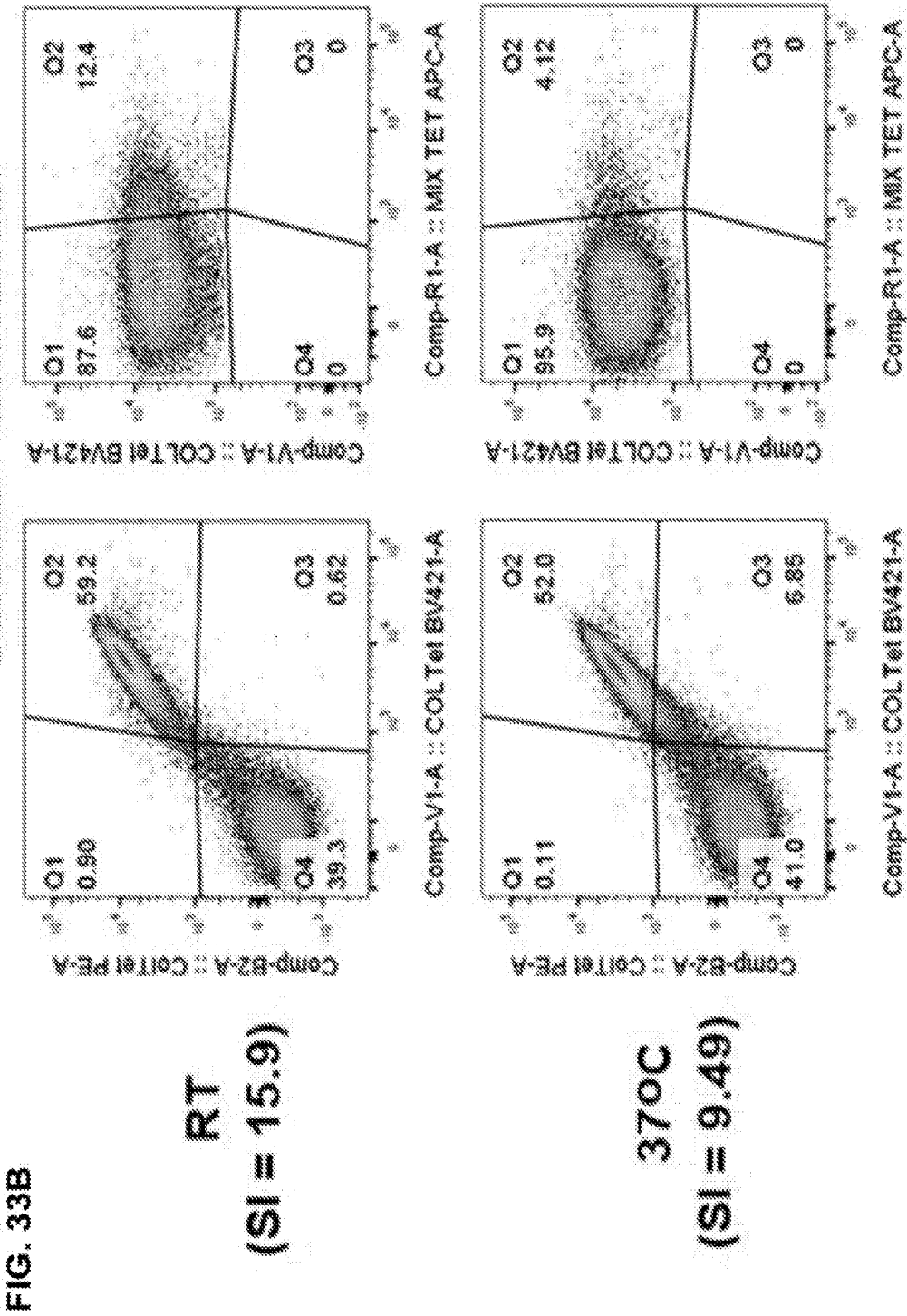
FIG. 33A

RT
(SI = 24.0)



370C
(SI = 19.0)

- Dasatinib + Irrelevant Mix



+ Dasatinib | 37 | + Irrelevant Mix | 15.6 S.I.

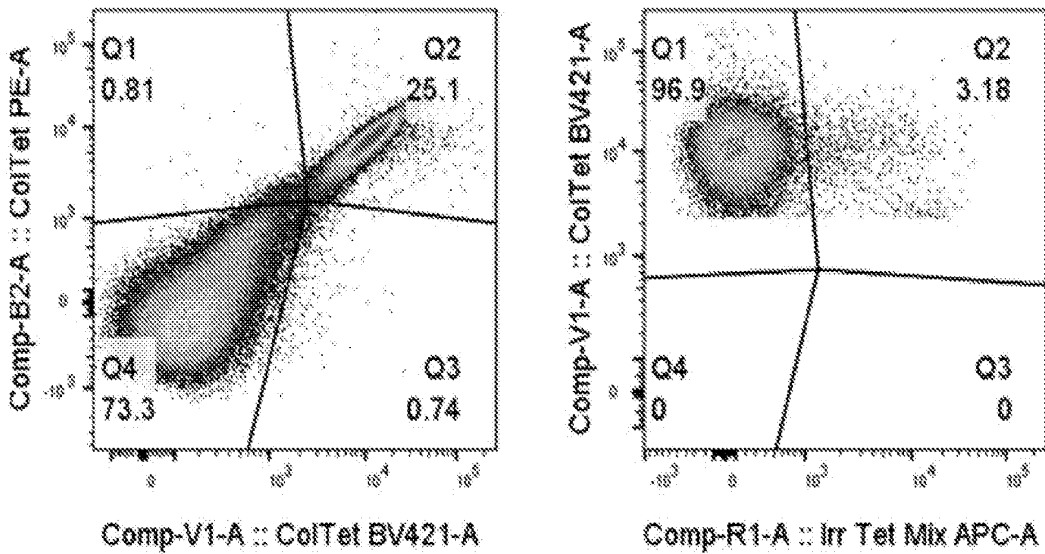


FIG. 34A

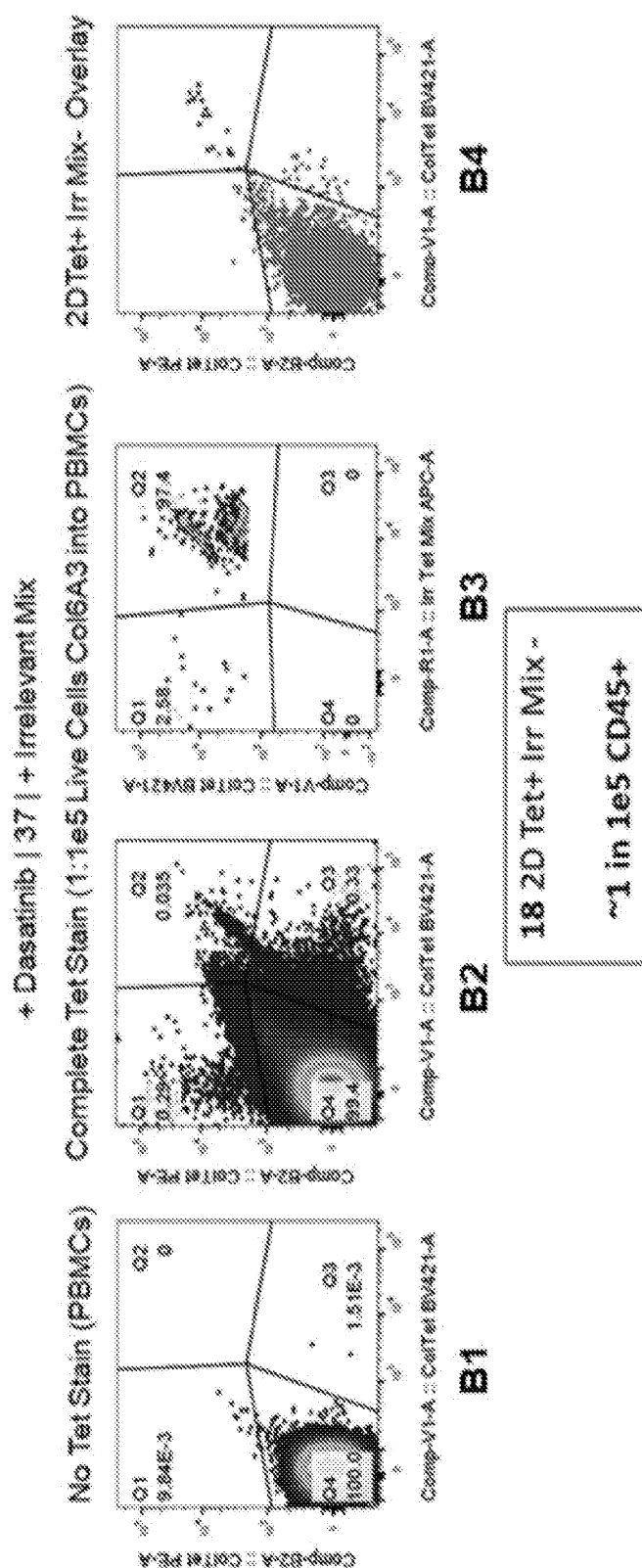


FIG. 34B

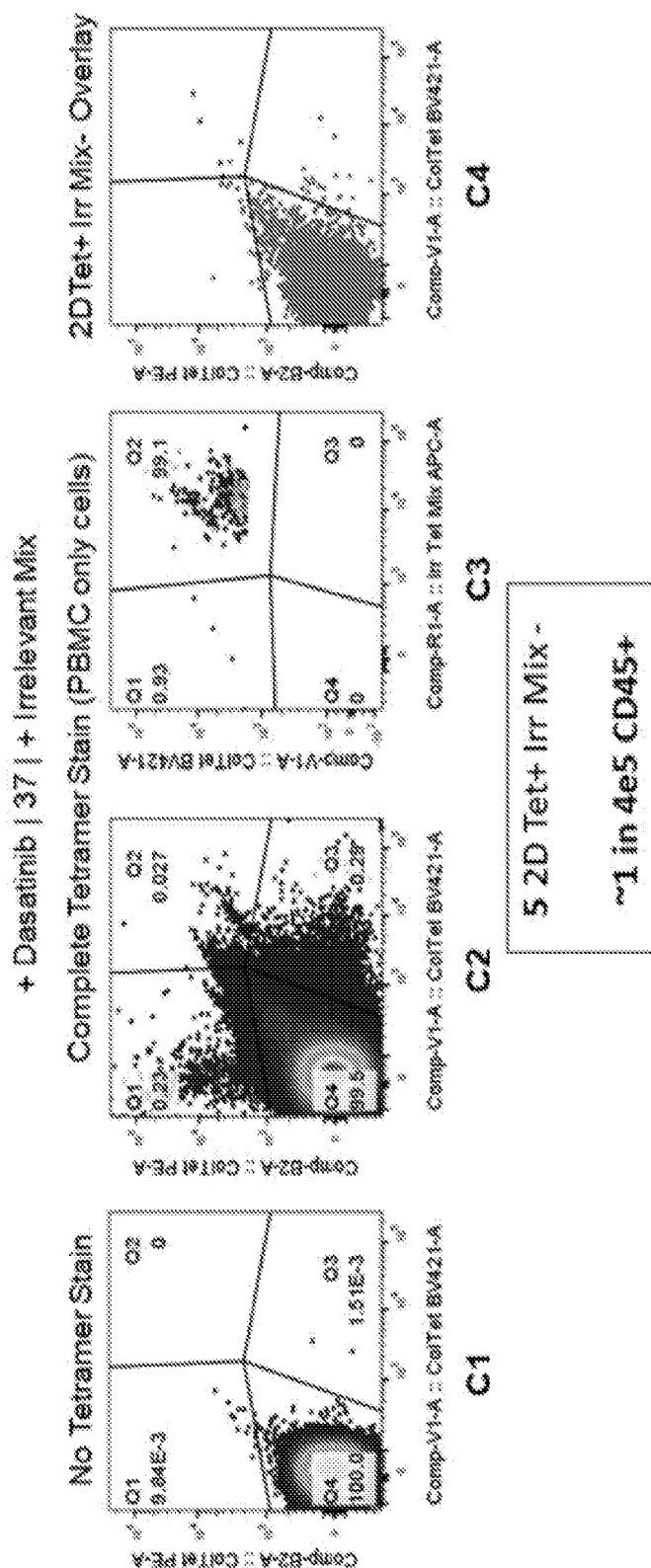


FIG. 34C

- Dasatinib | RT | + Irrelevant Mix | 10.2 S.I.

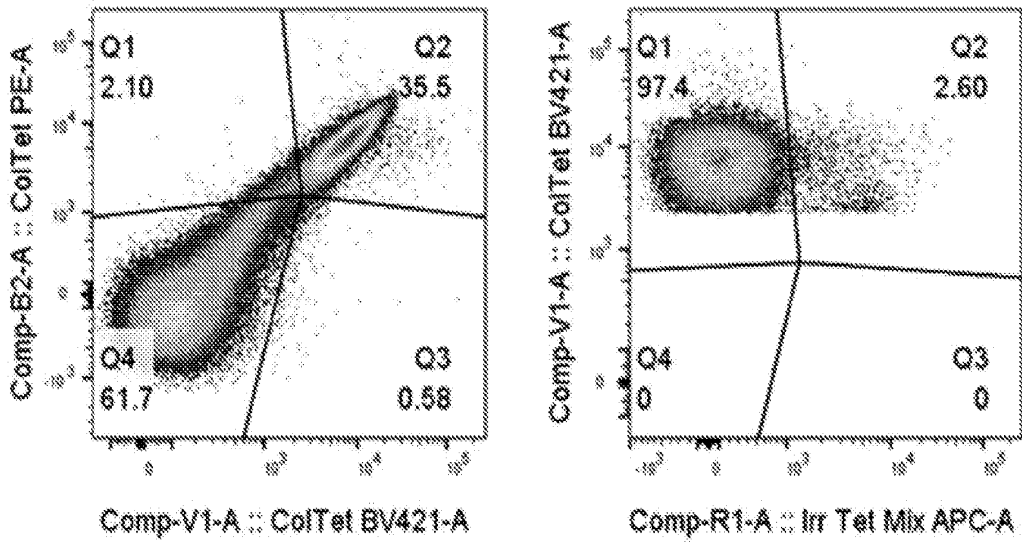


FIG. 35A

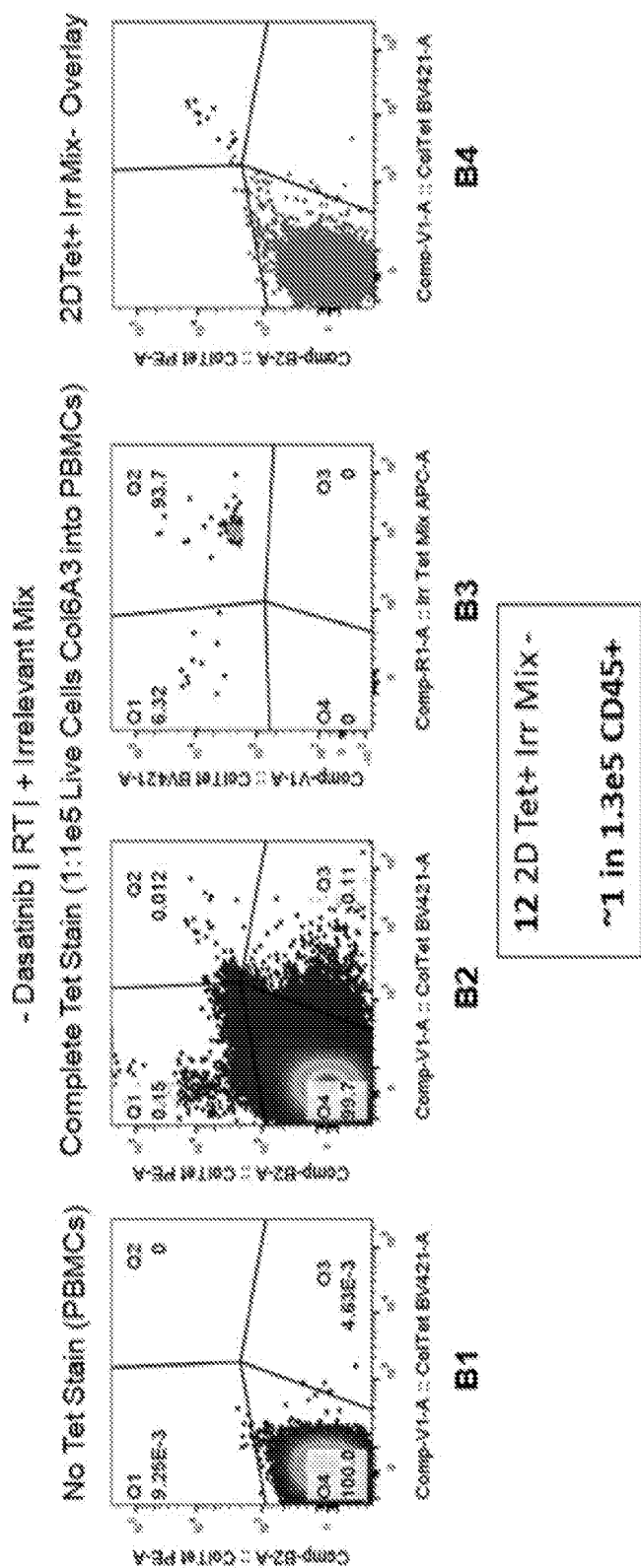


Fig. 35B

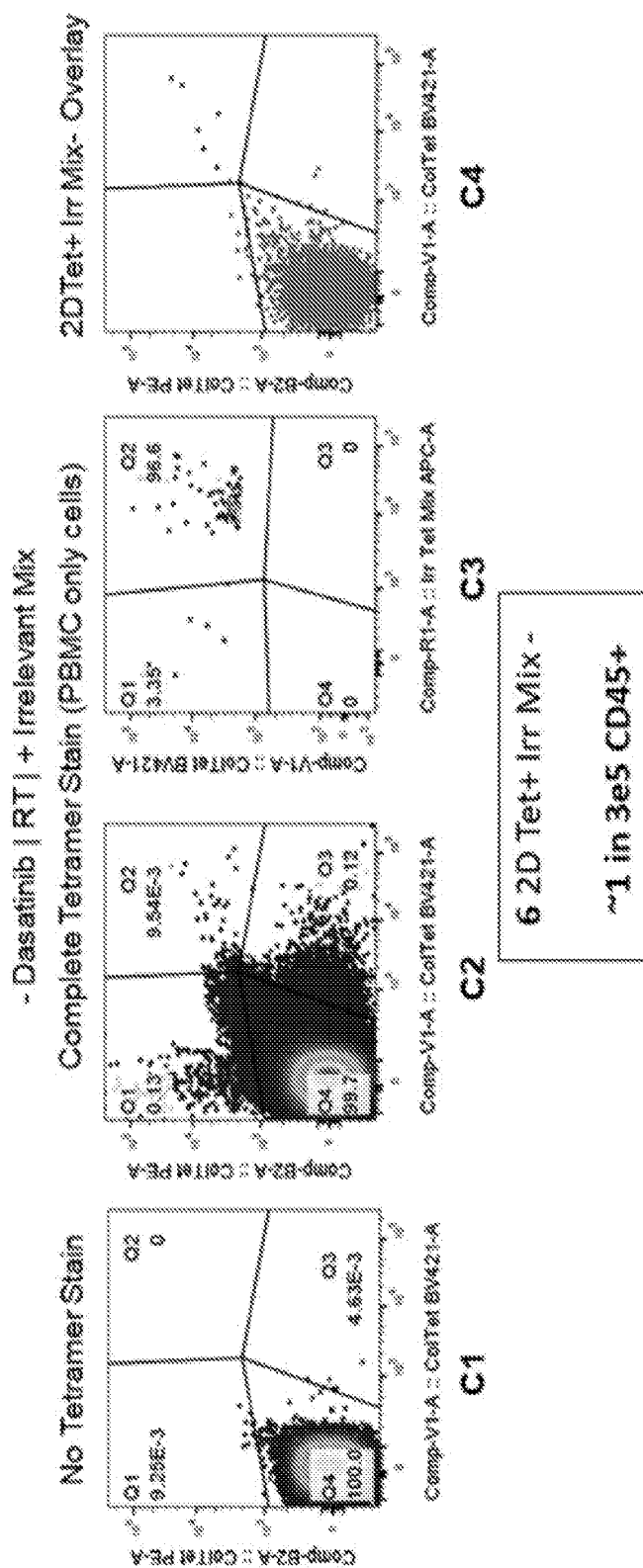


FIG. 35C

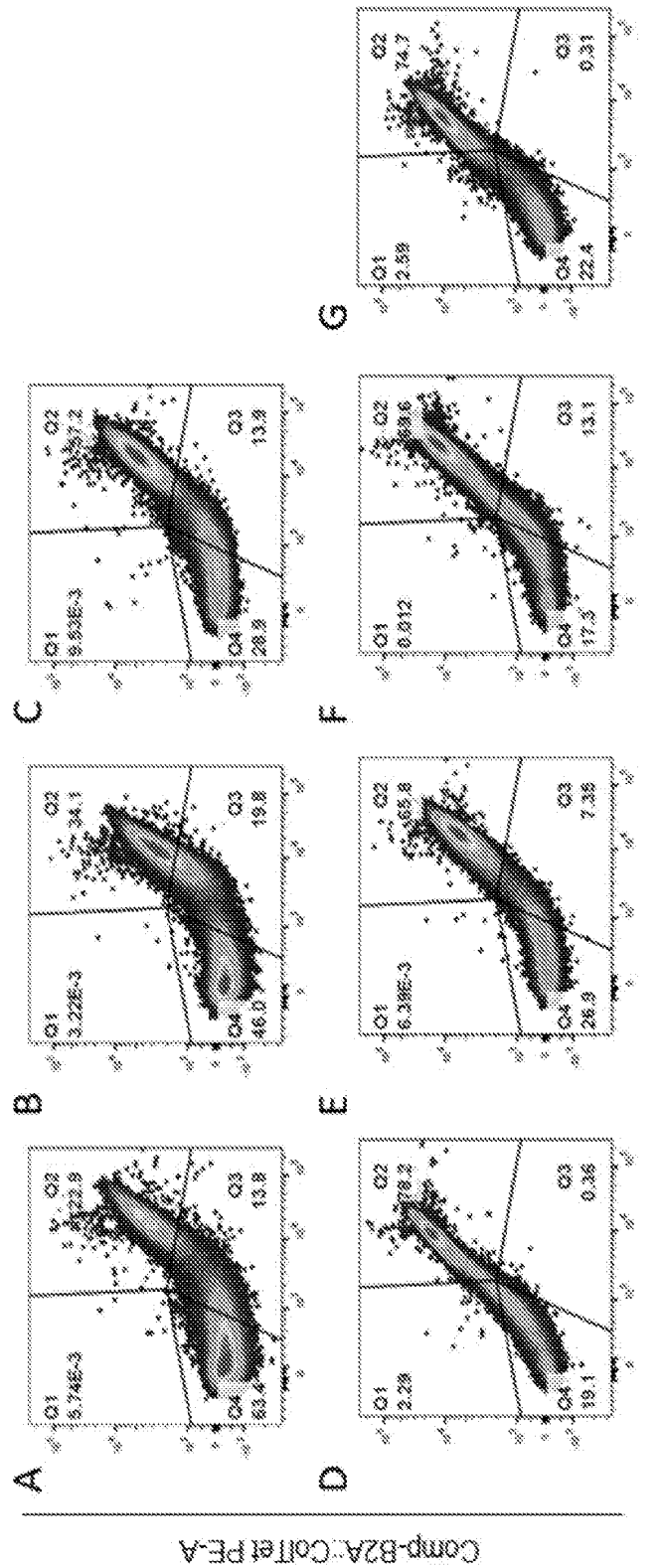


FIG. 36A

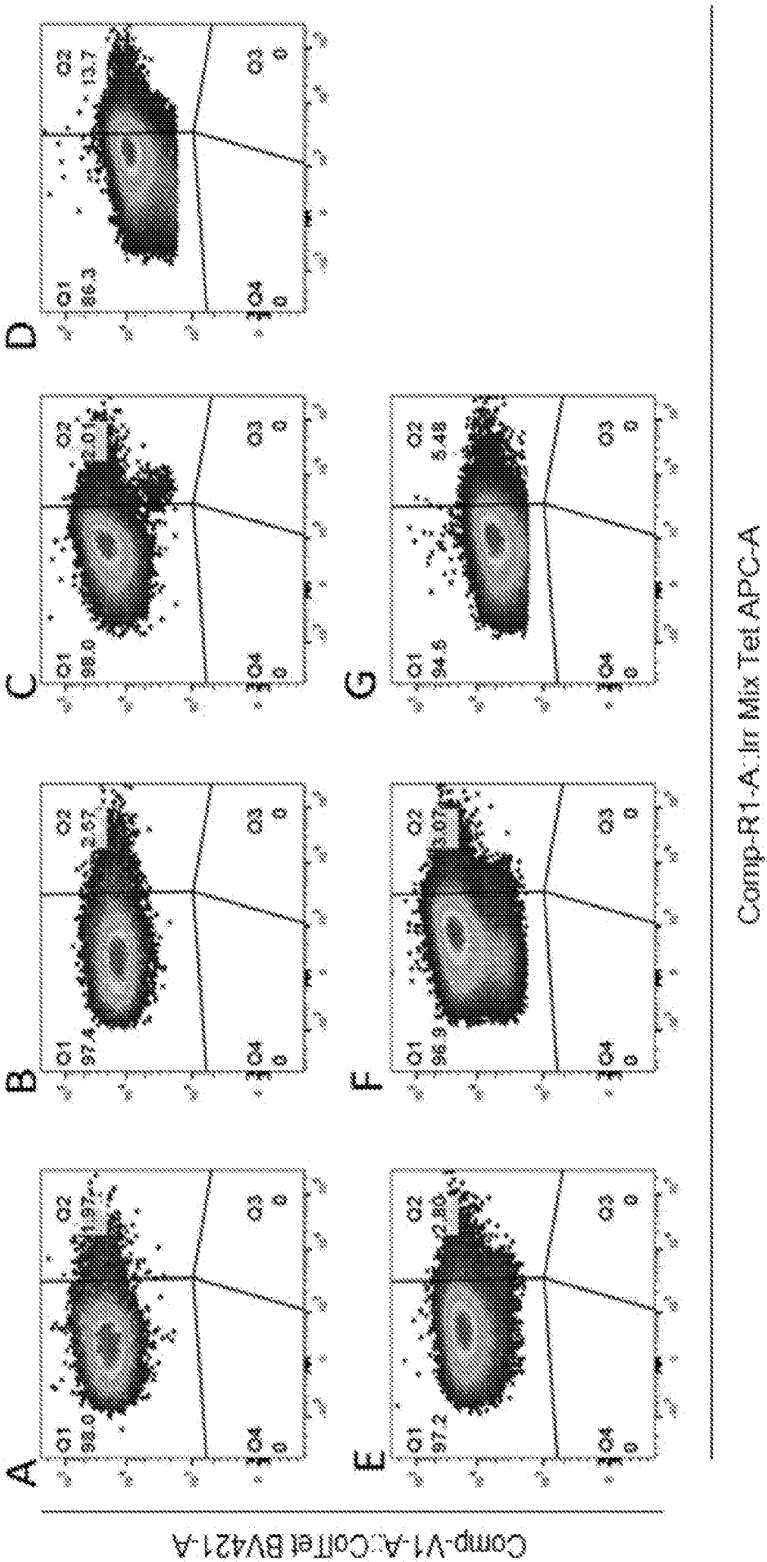


FIG. 36B

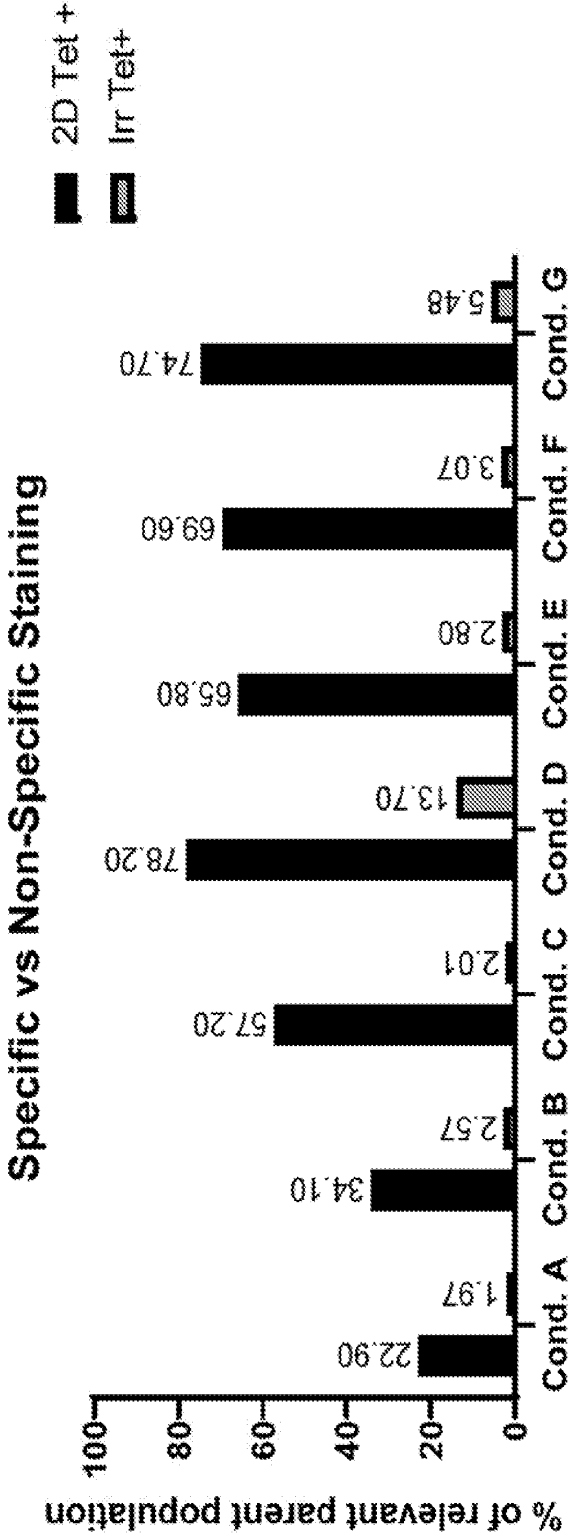
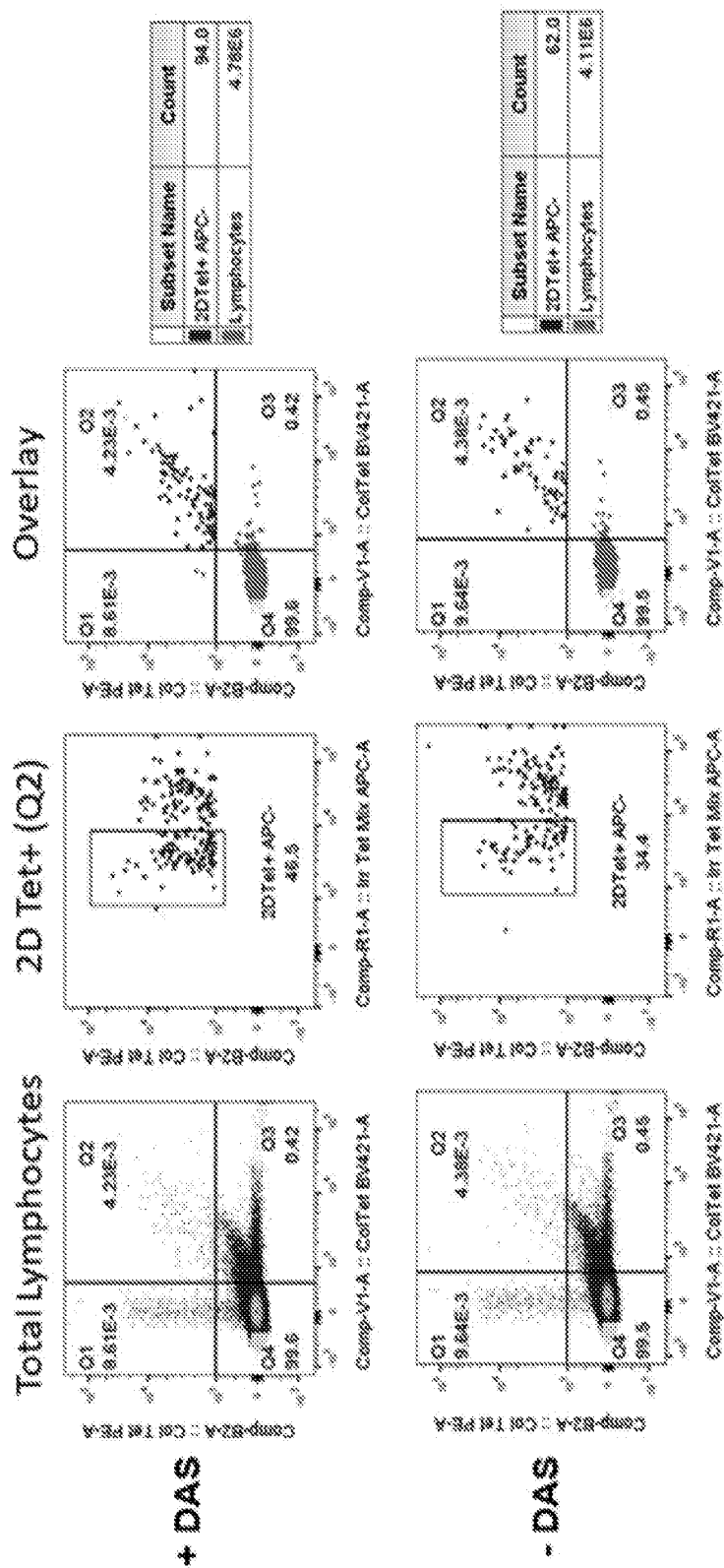


FIG. 36C



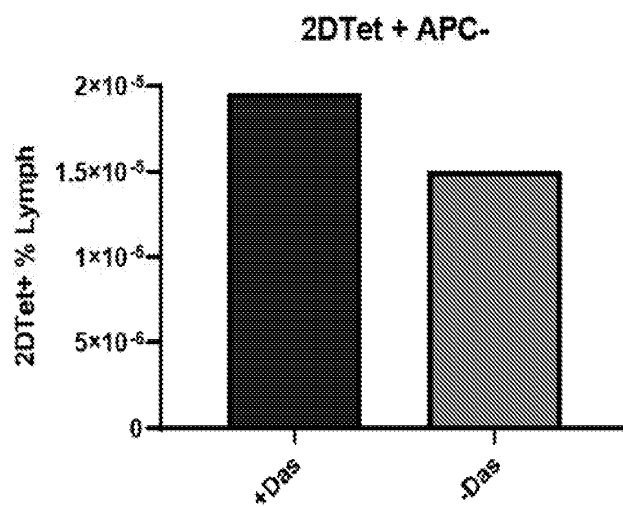


FIG. 37B

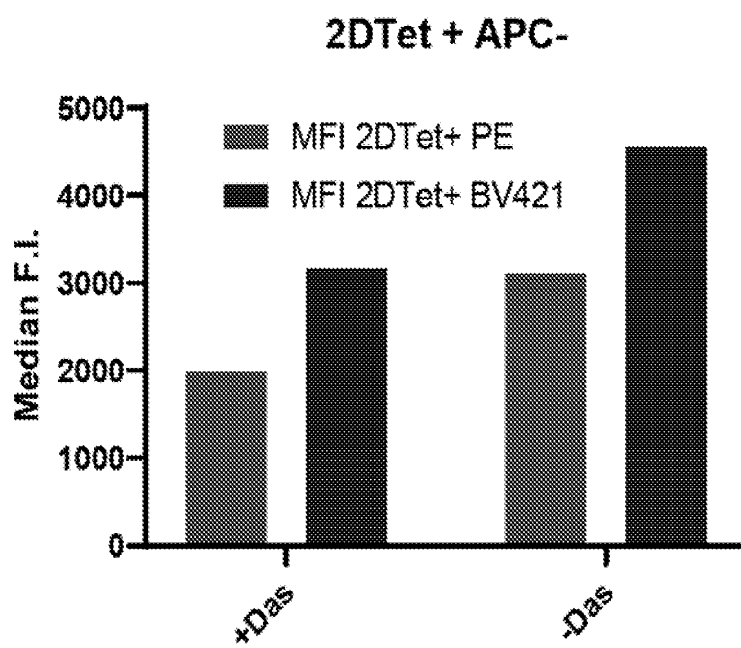


FIG. 37C

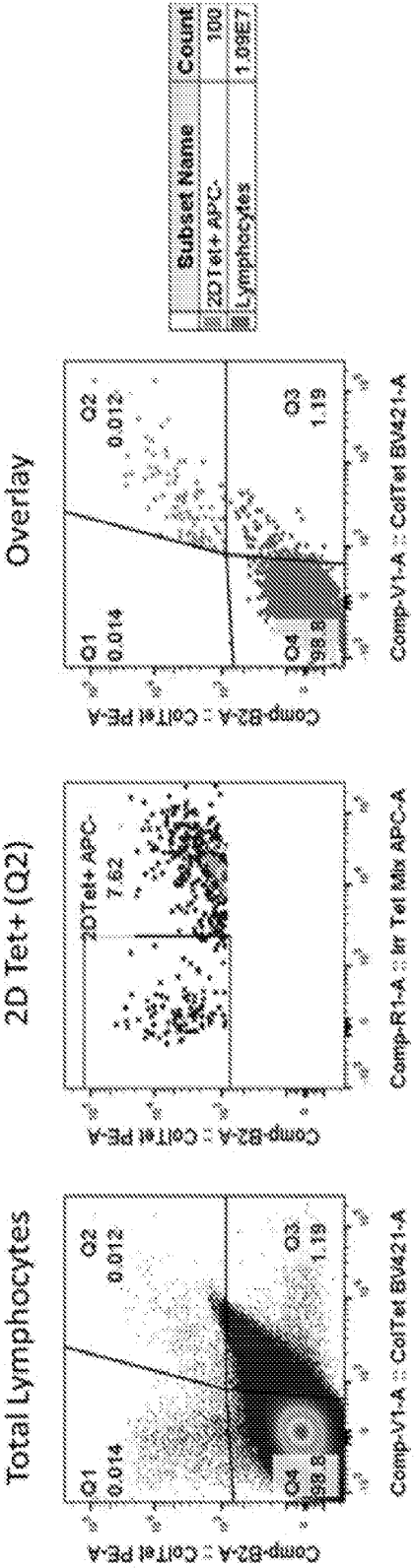
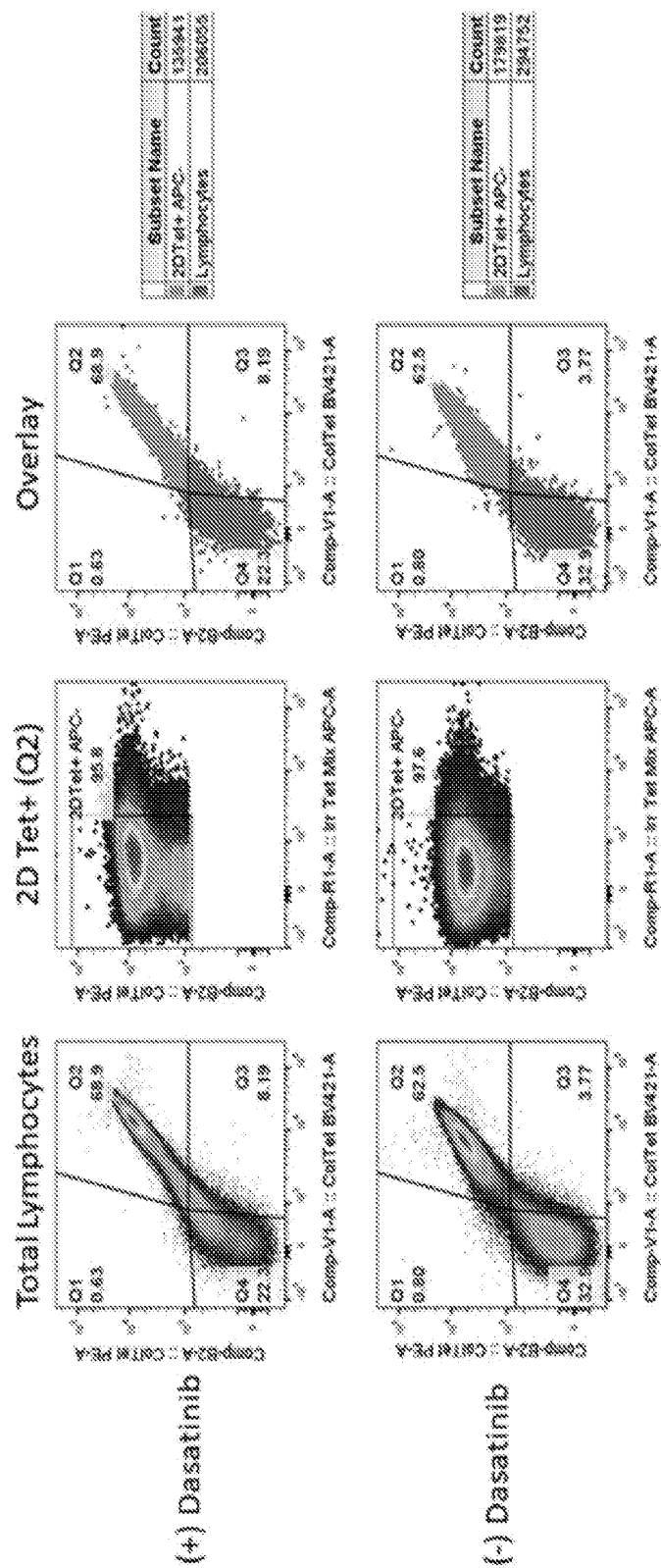


FIG. 38



9306

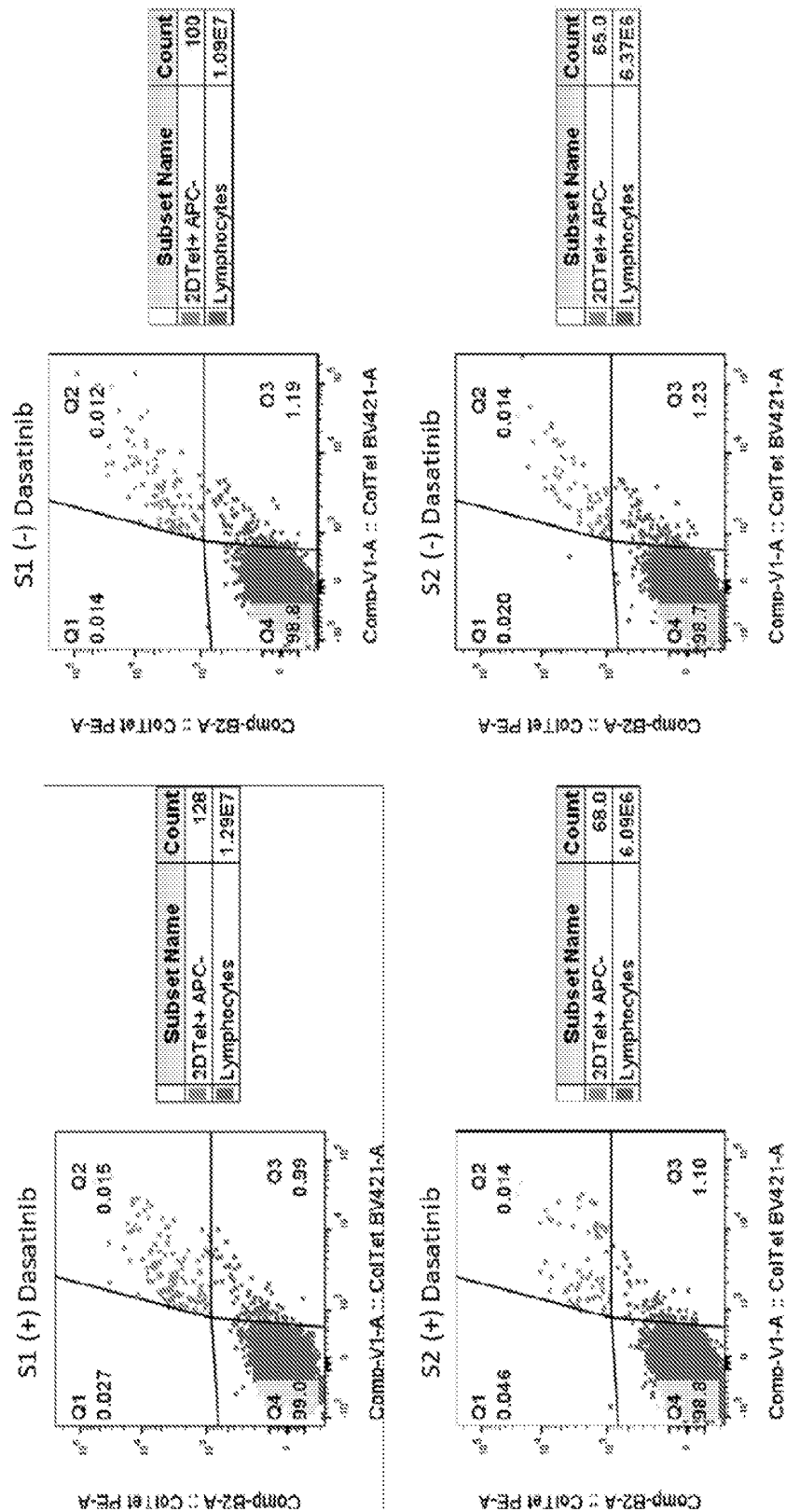


FIG. 40A

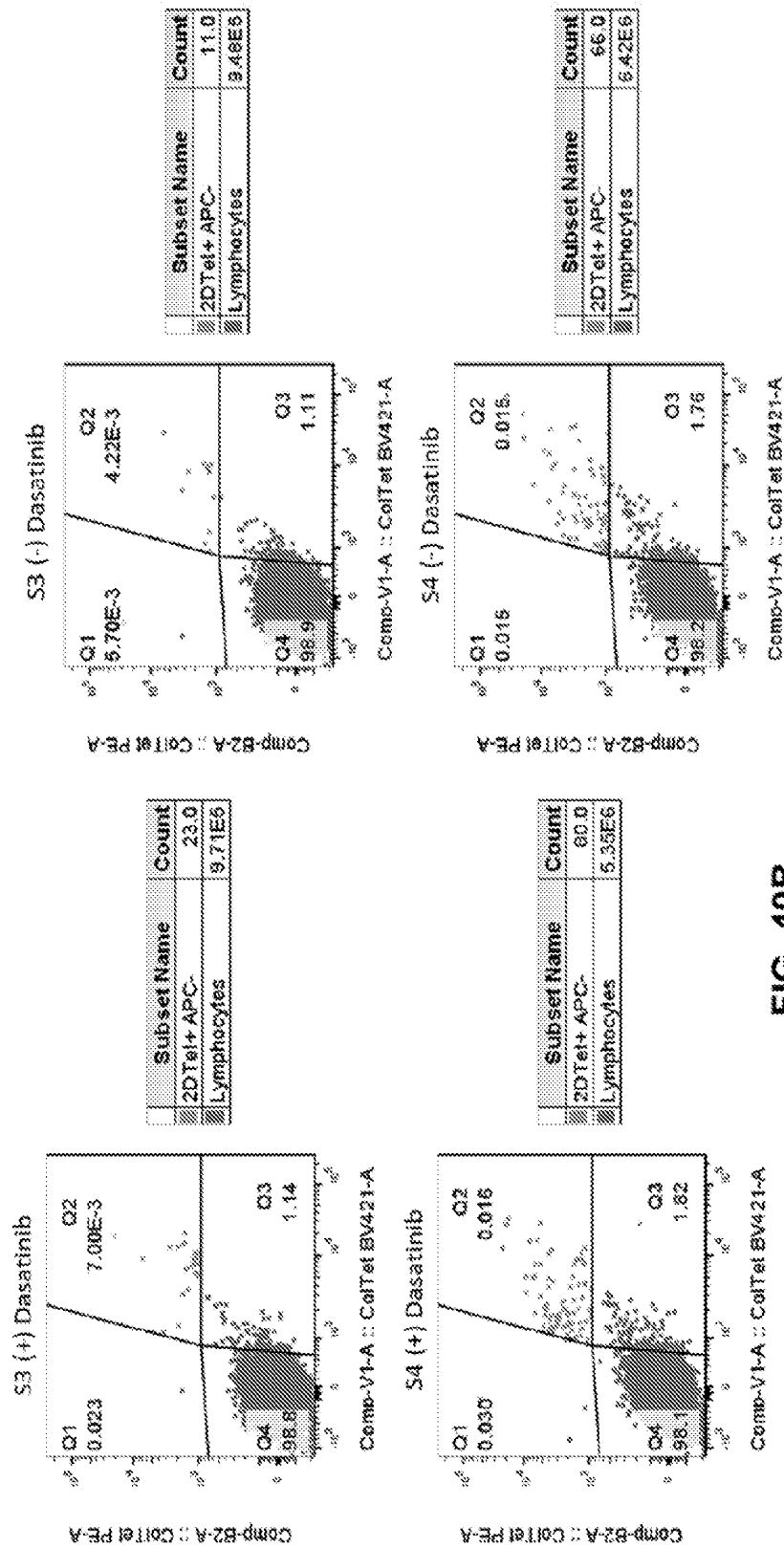


FIG. 40B

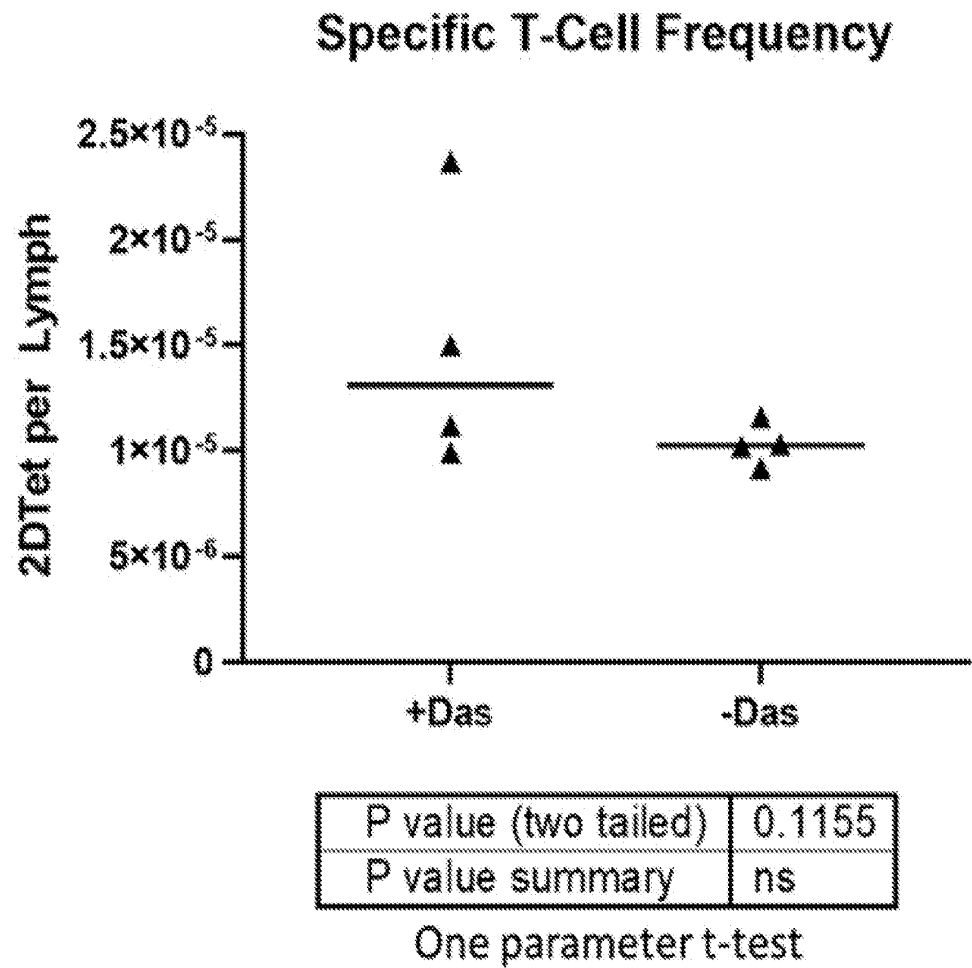
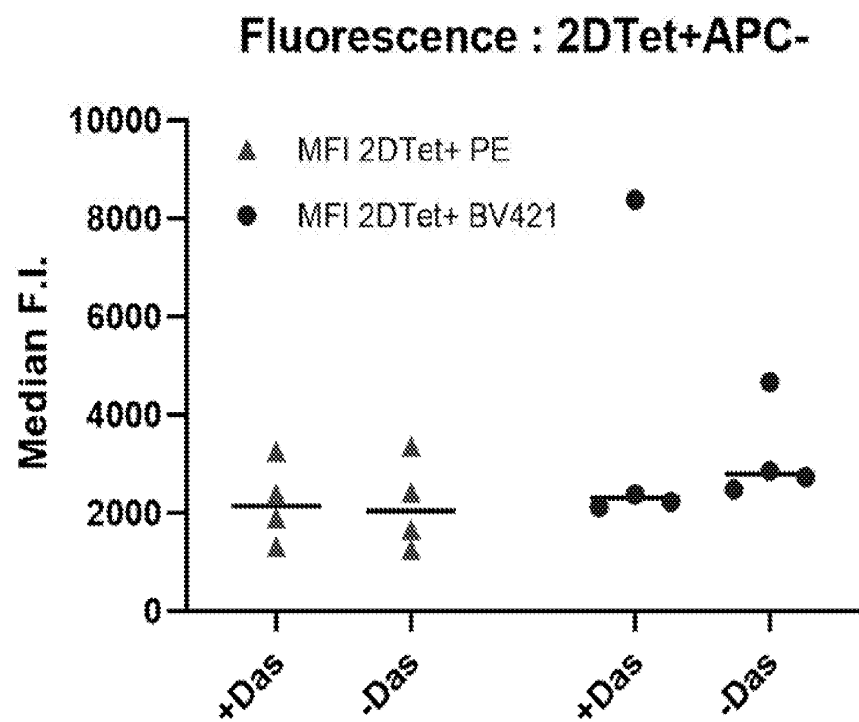
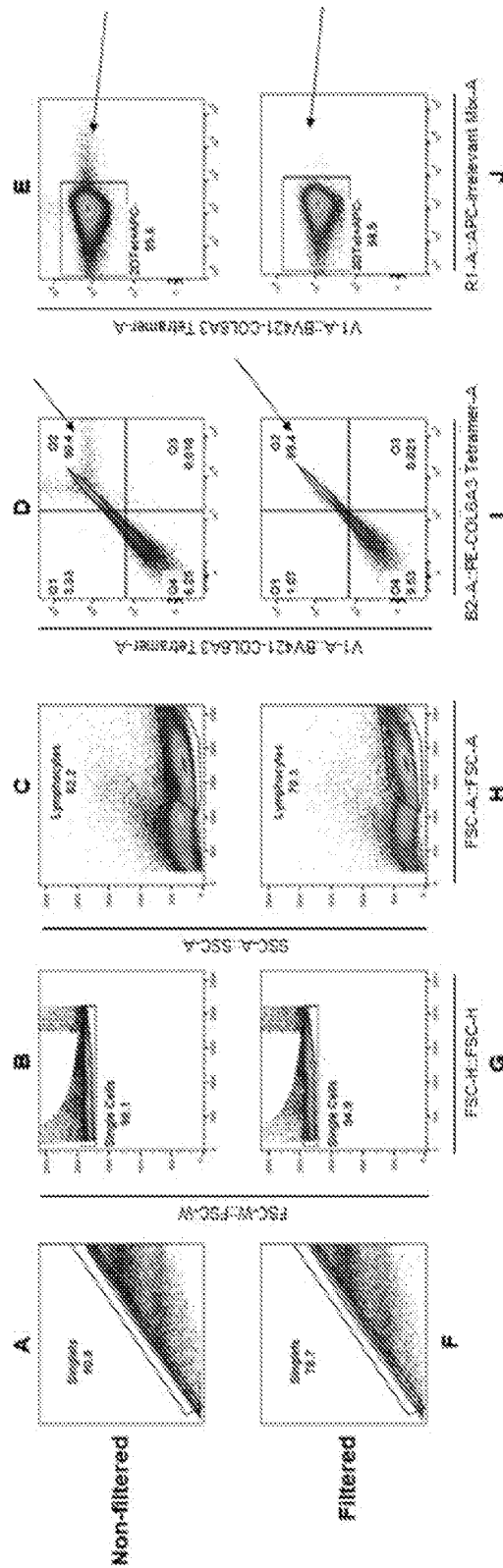


FIG. 40C



No statistical significance ($p > 0.8$)

FIG. 40D



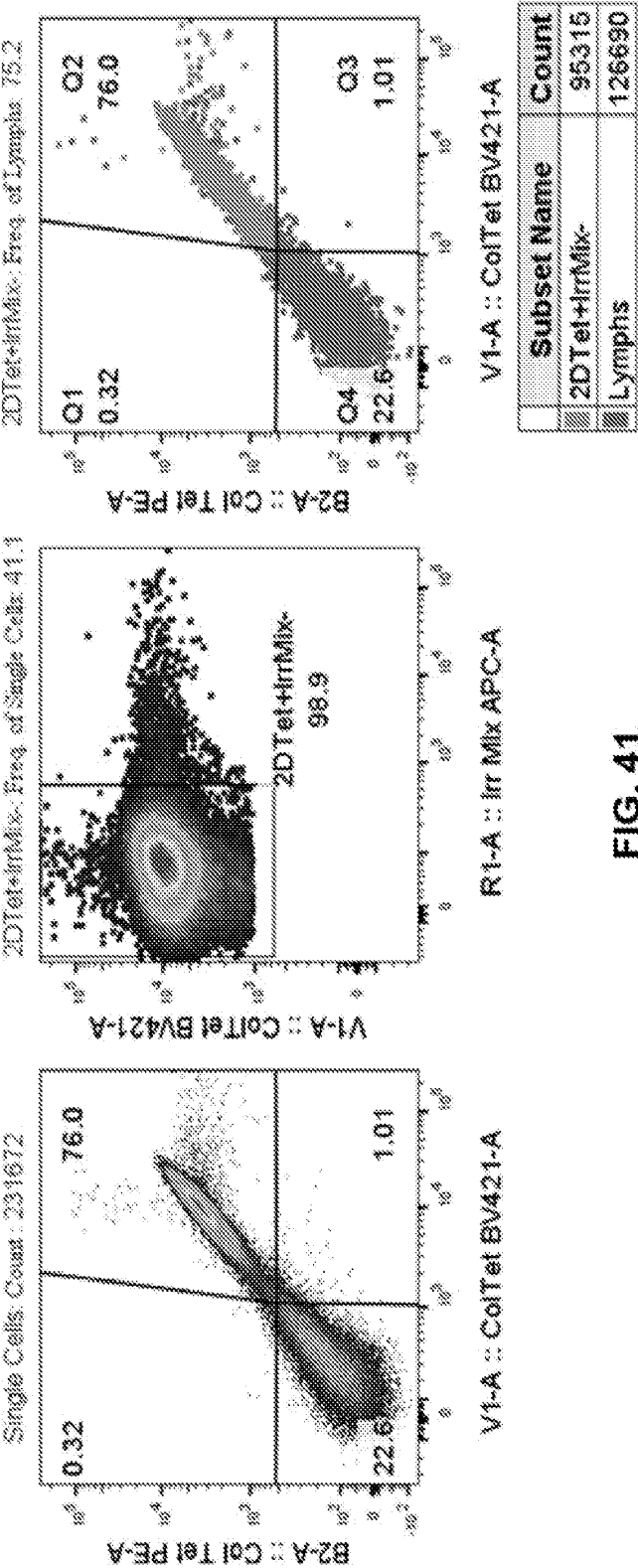


FIG. 41

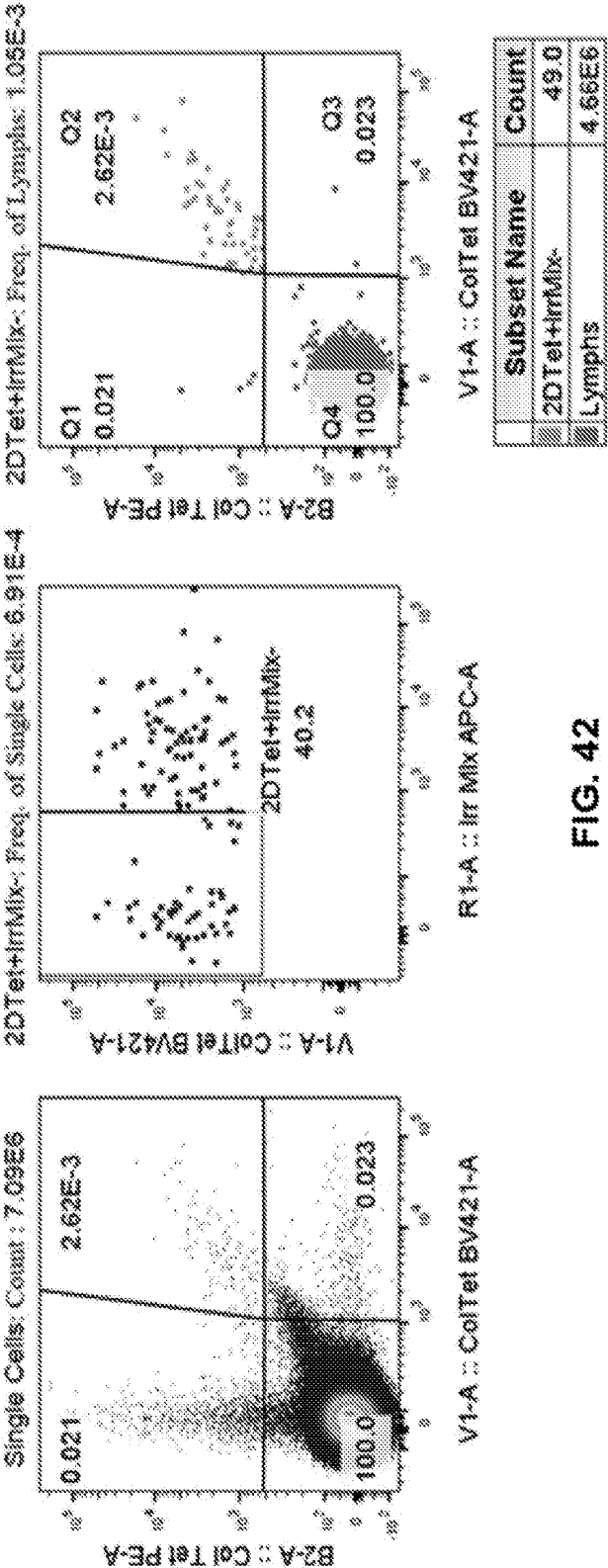


FIG. 42

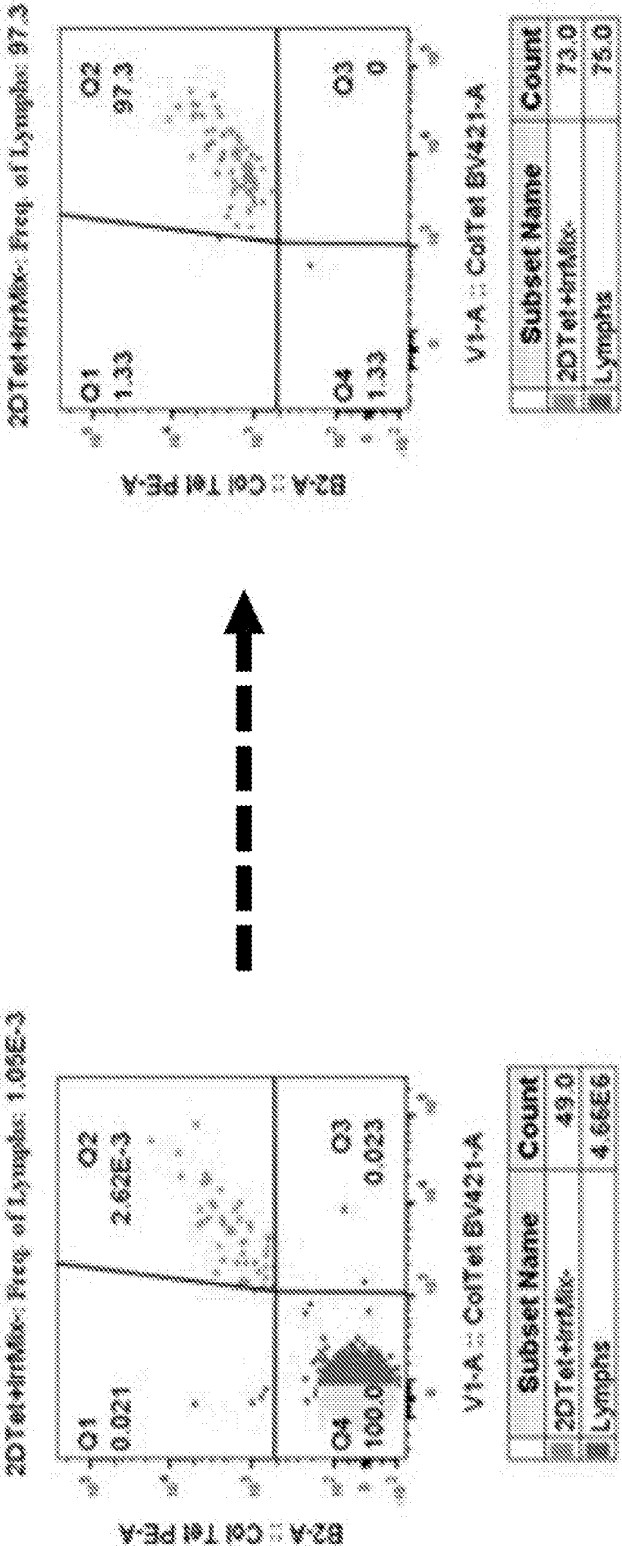


FIG. 43

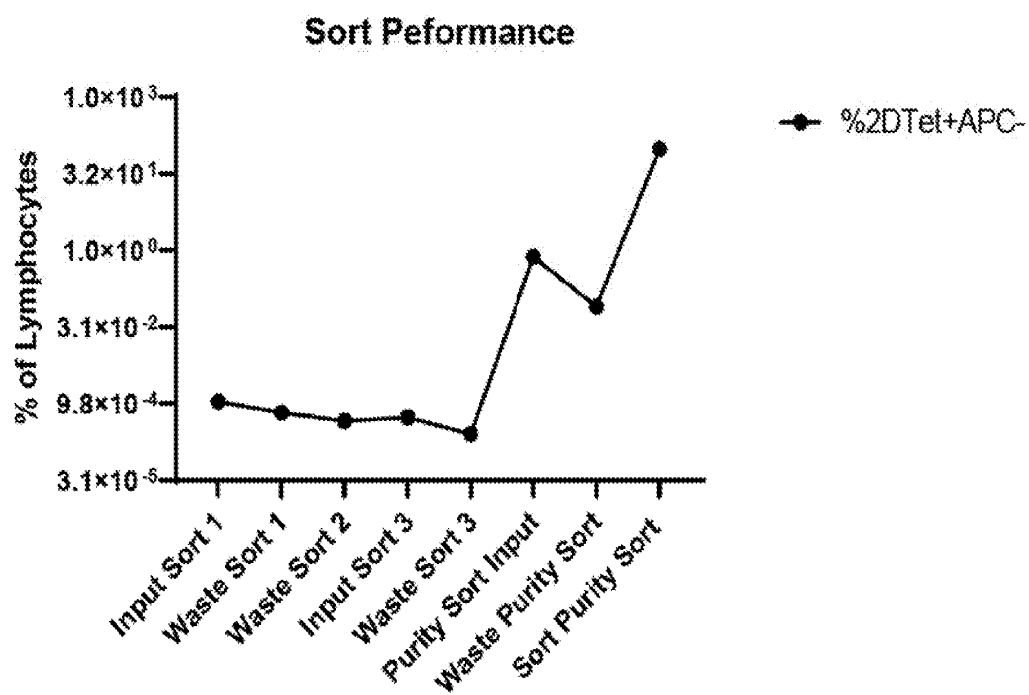


FIG. 44

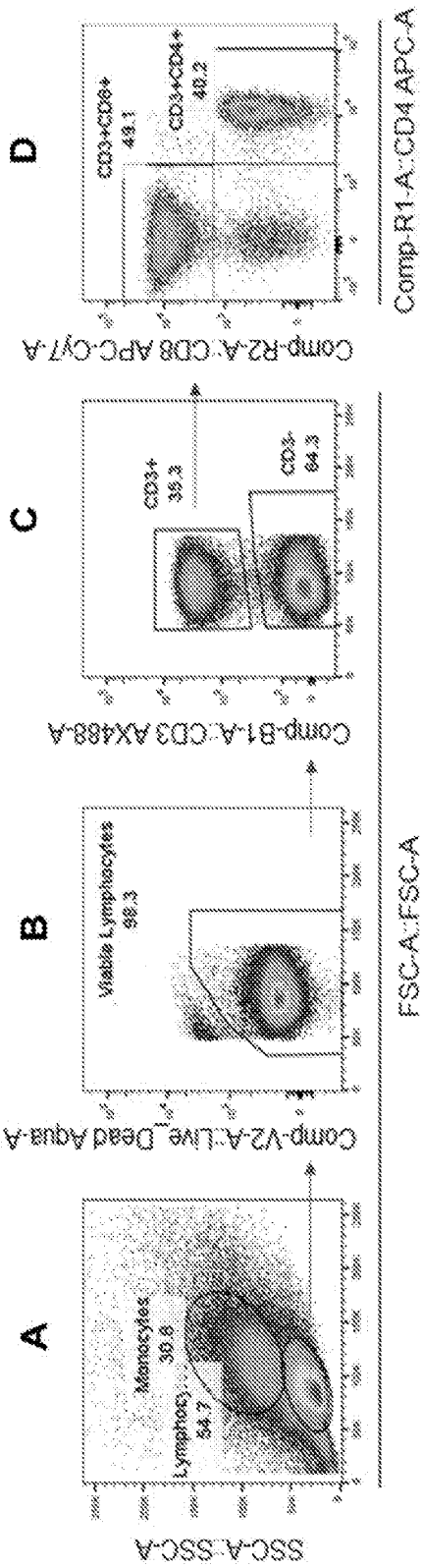


FIG. 45