

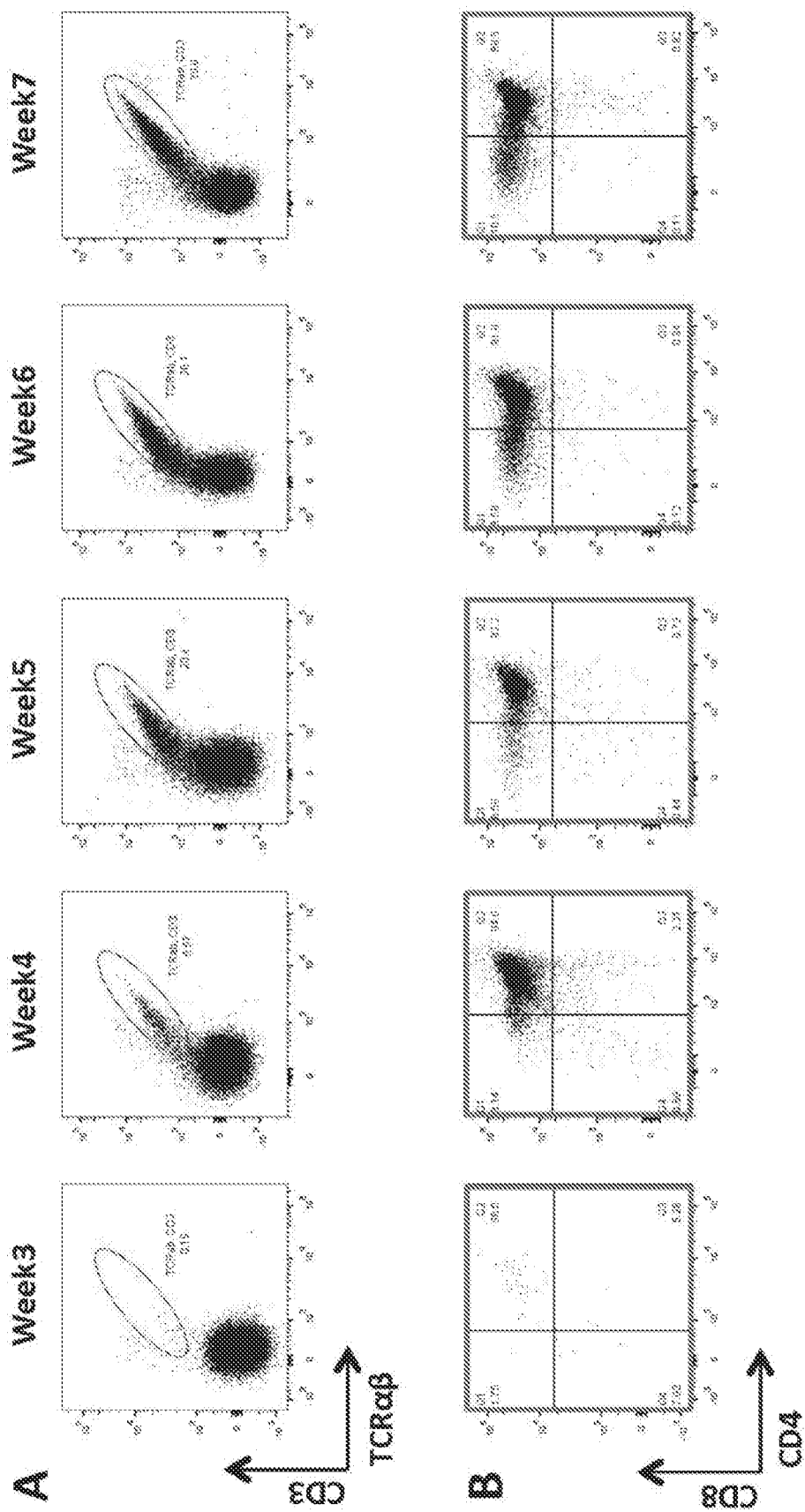


FIG. 1A-1B

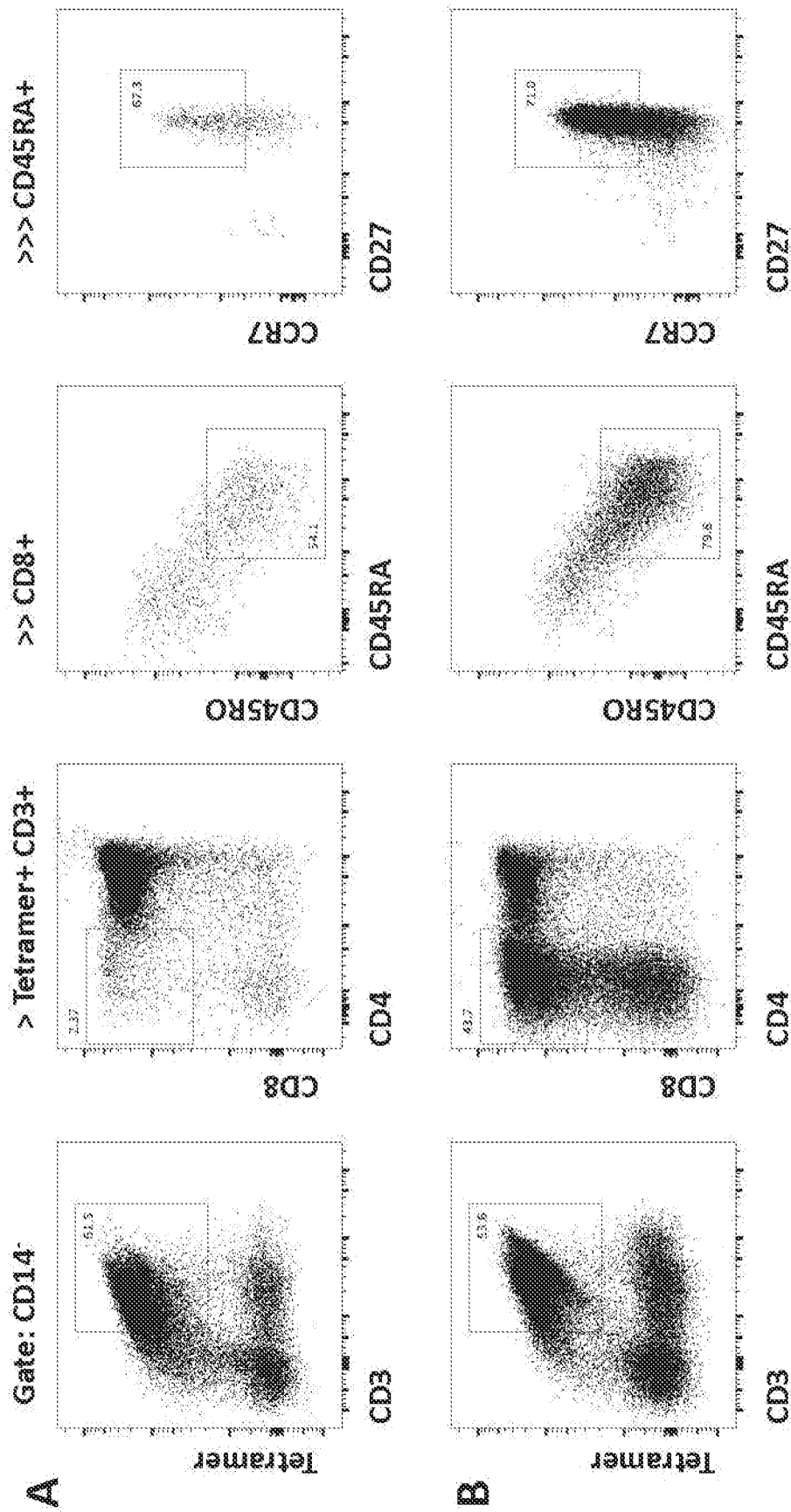


FIG. 2A-2B

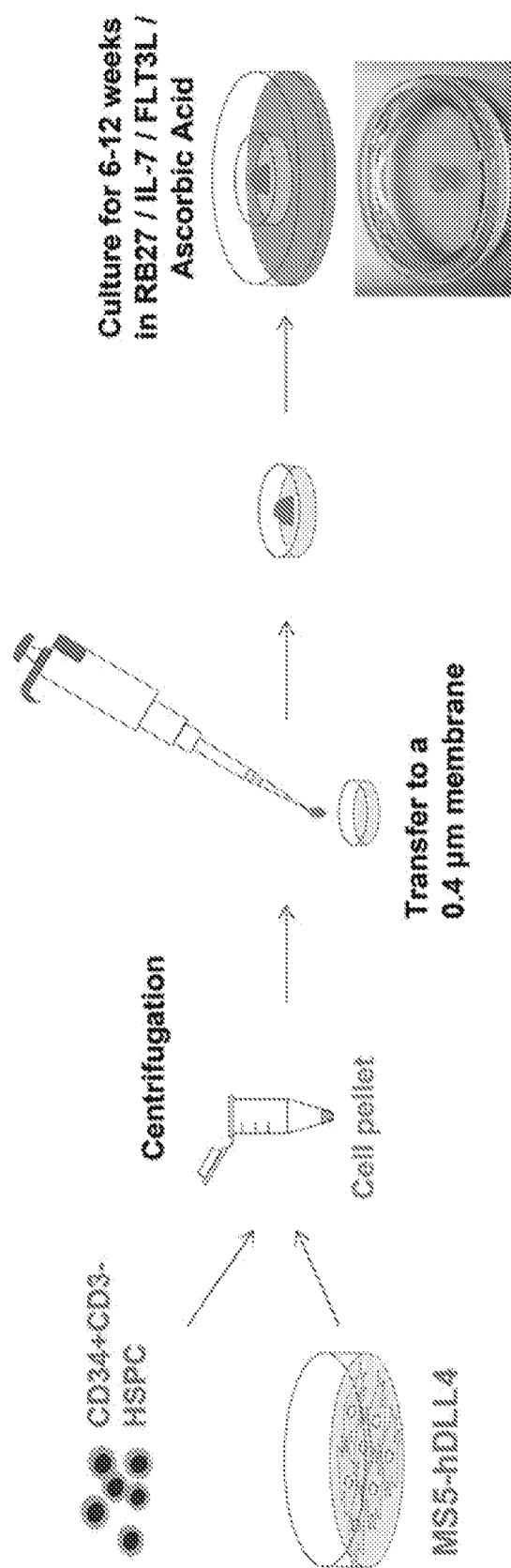


FIG. 3A

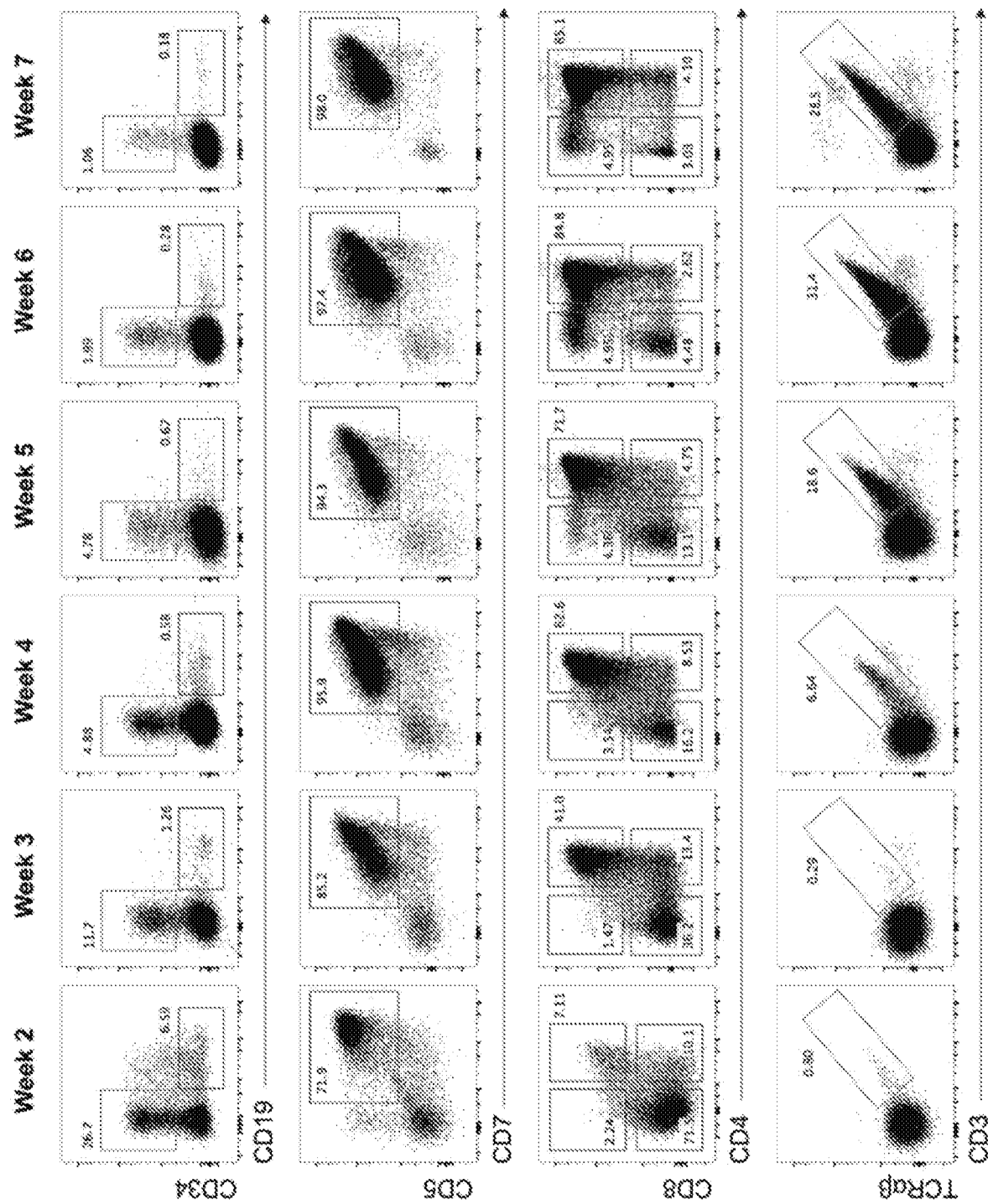


FIG. 3B



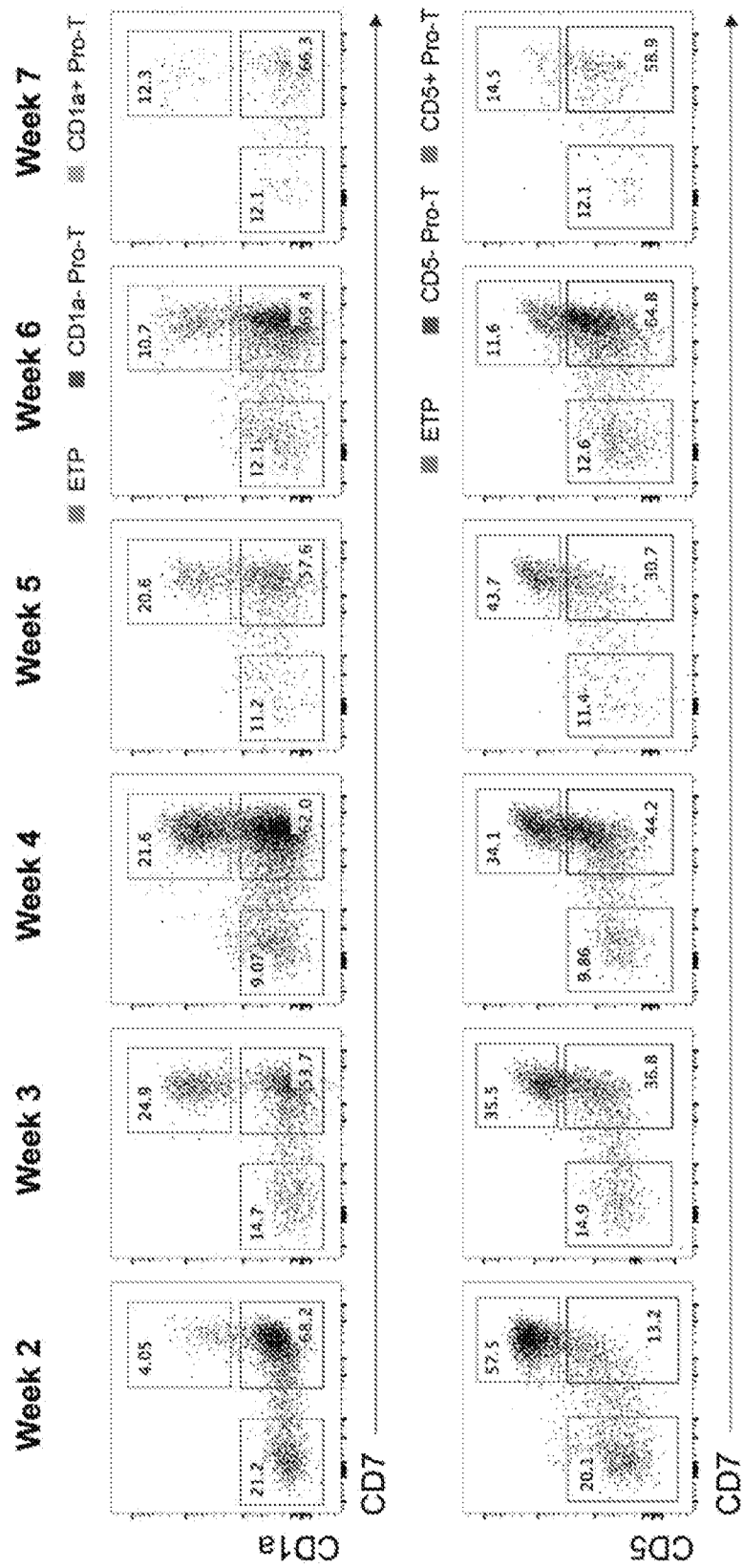


FIG. 3C

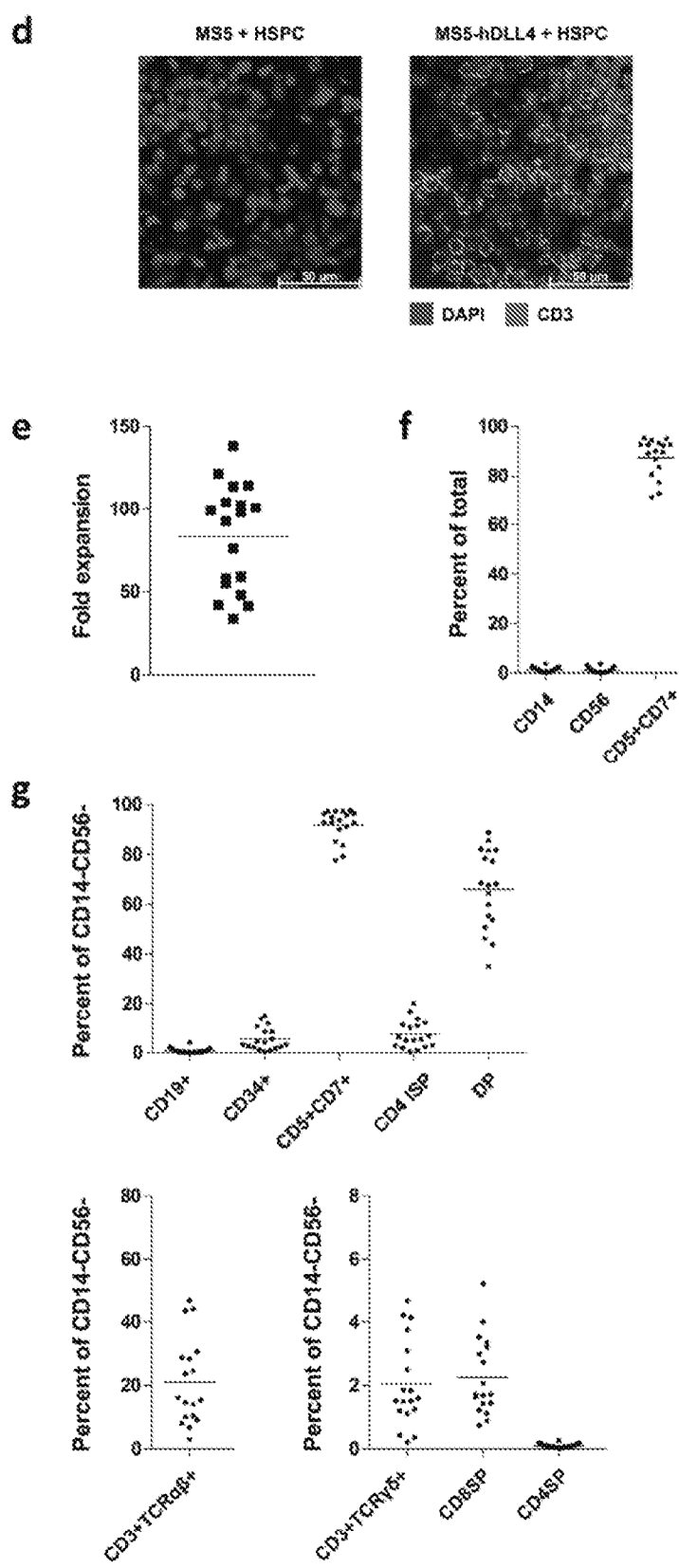
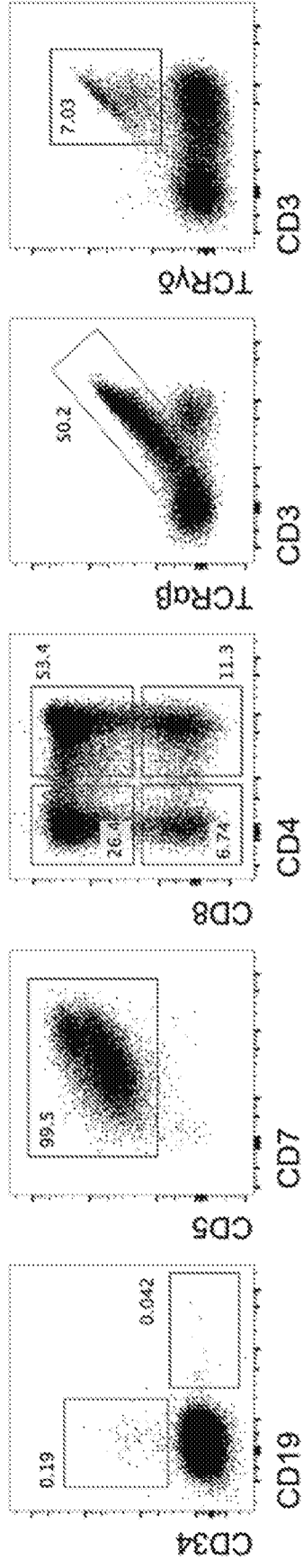


FIG. 3D -3G

ATO week 12



Thymus

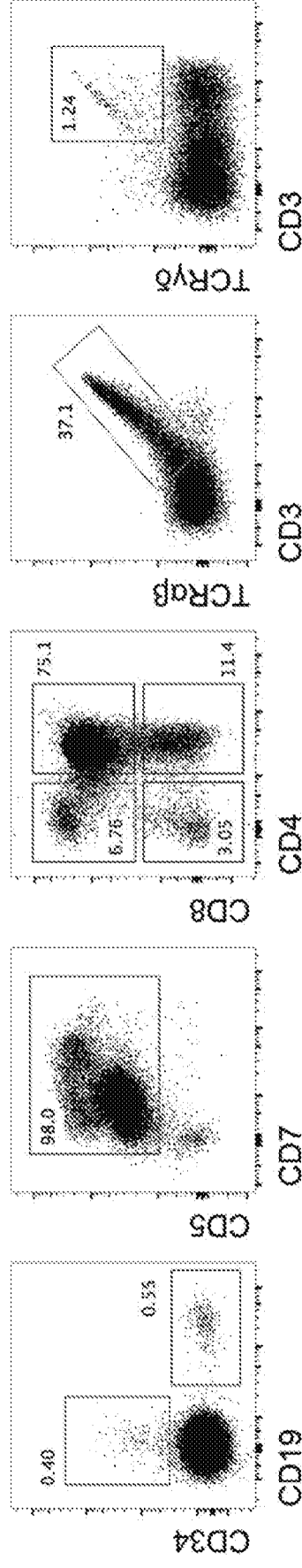


FIG. 4A

ATO week 12

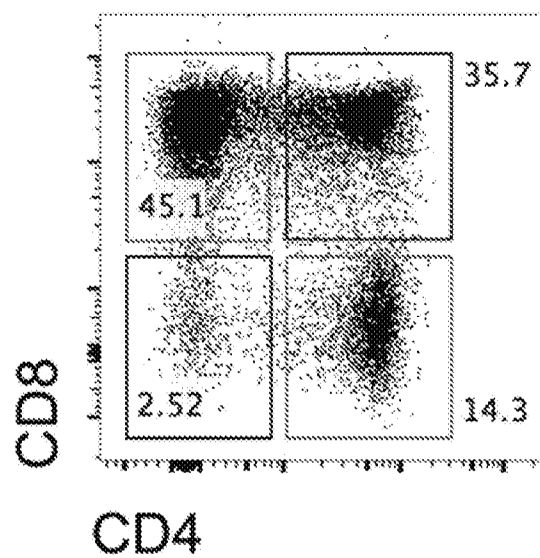
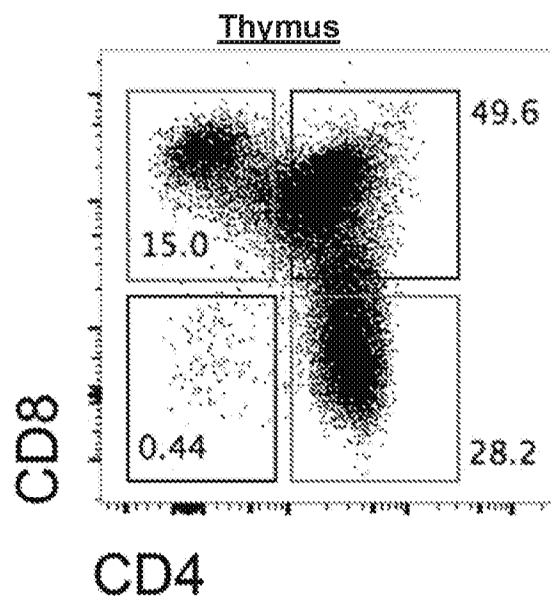
**b****CD3+TCR $\alpha\beta$ +**

FIG. 4B

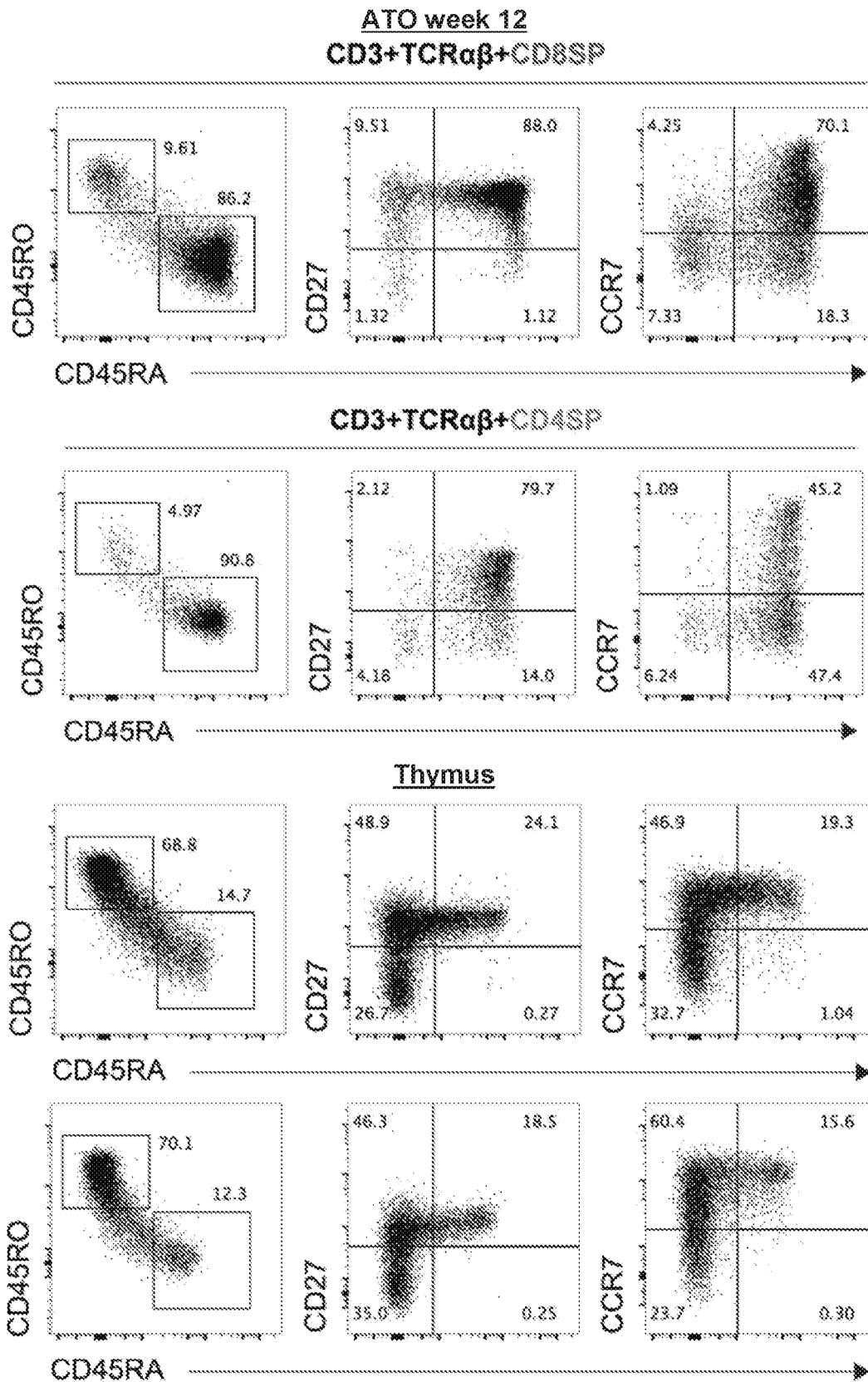


FIG. 4C

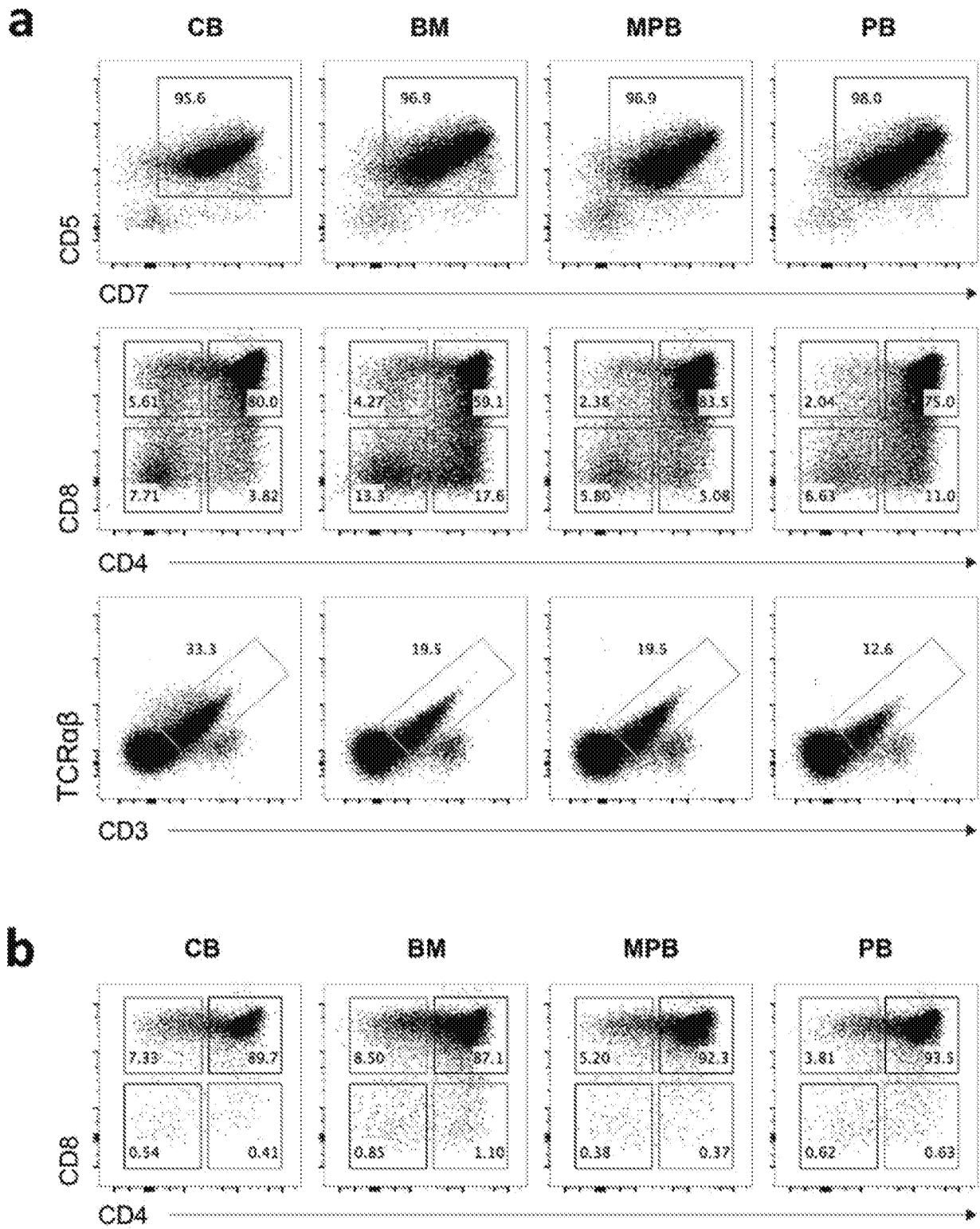


FIG. 5A - 5B

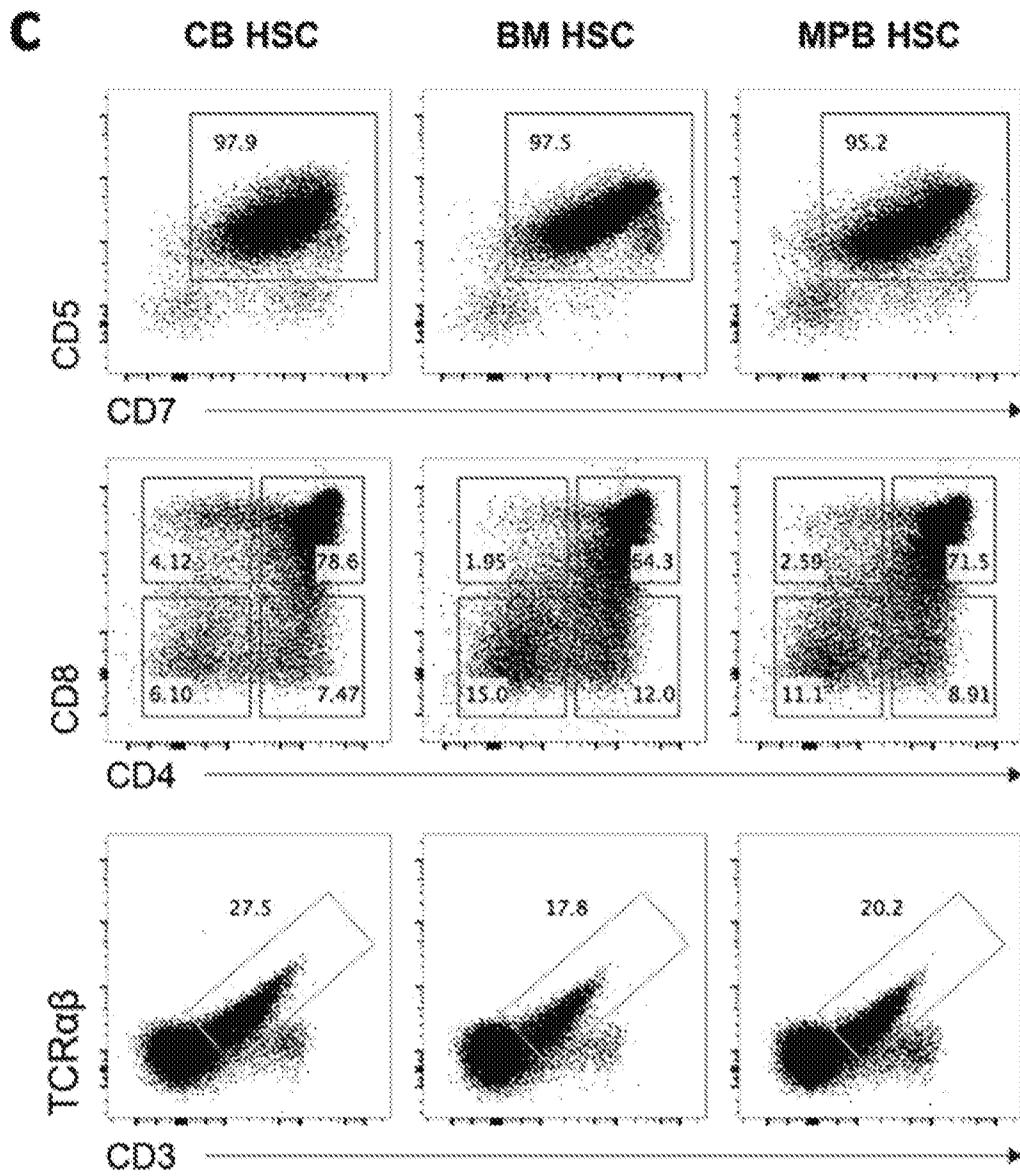
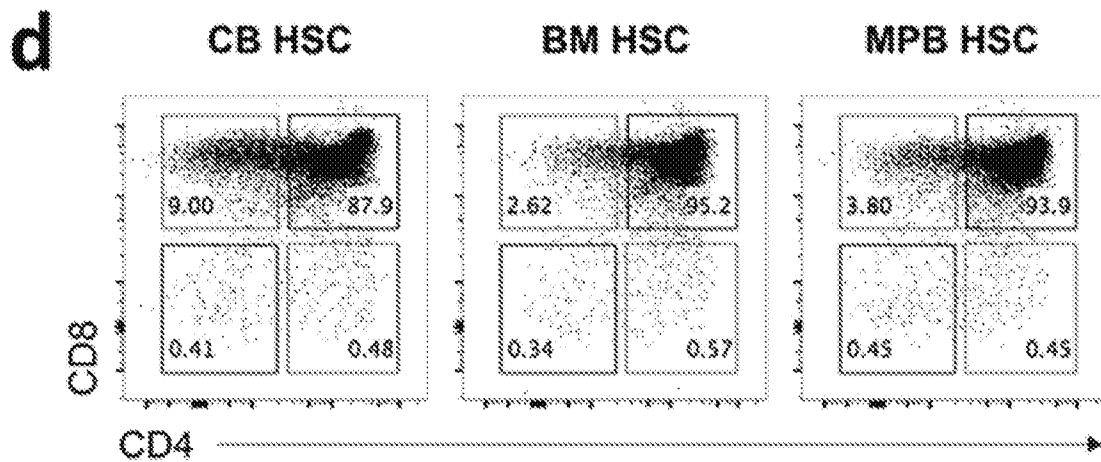


FIG. 5C - 5D

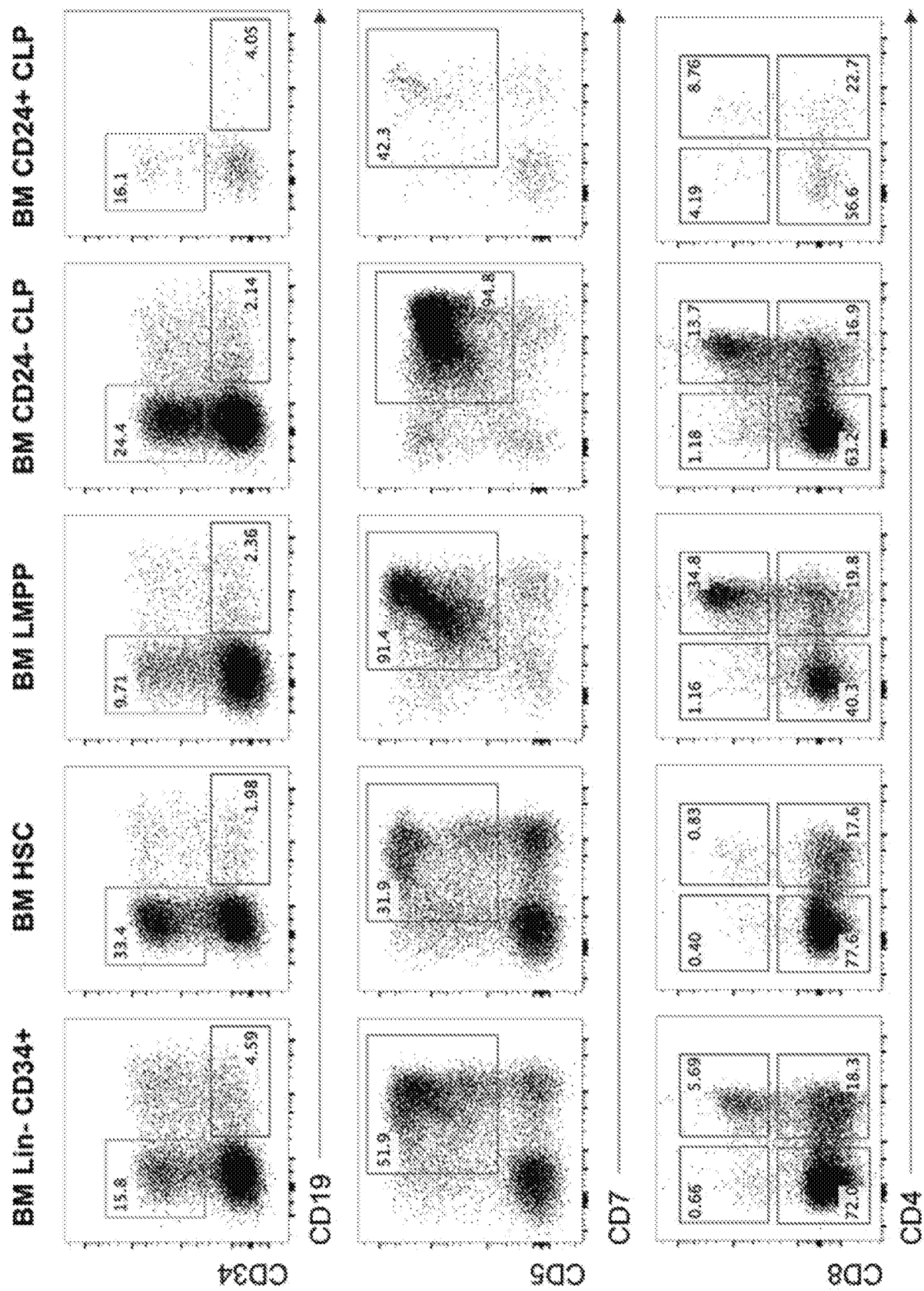


FIG. 5E



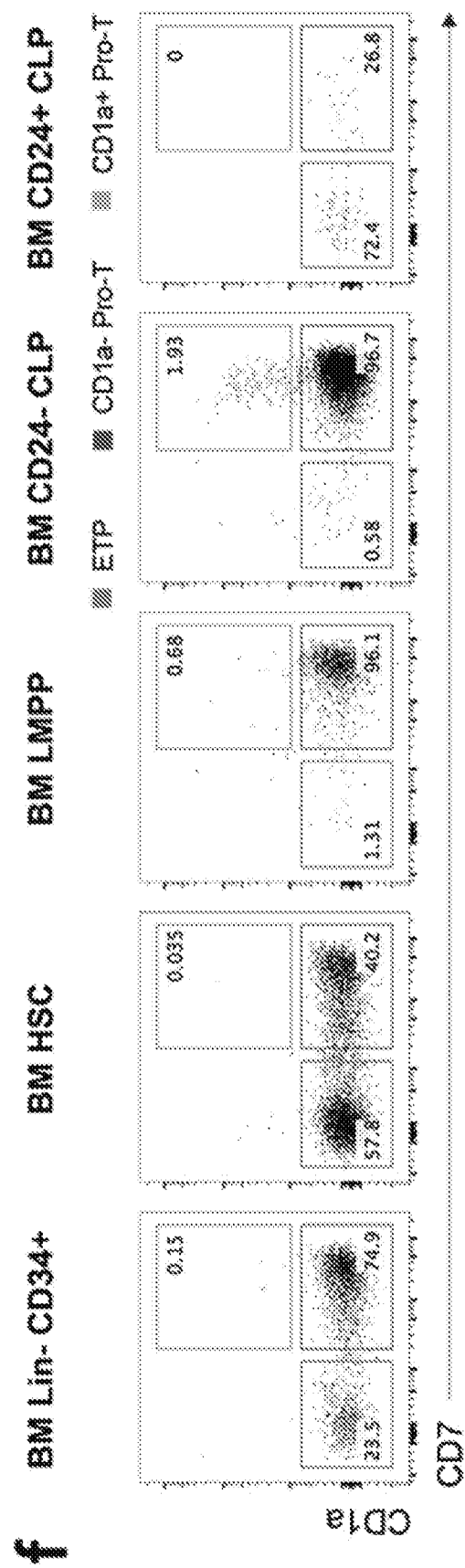


FIG. 5F

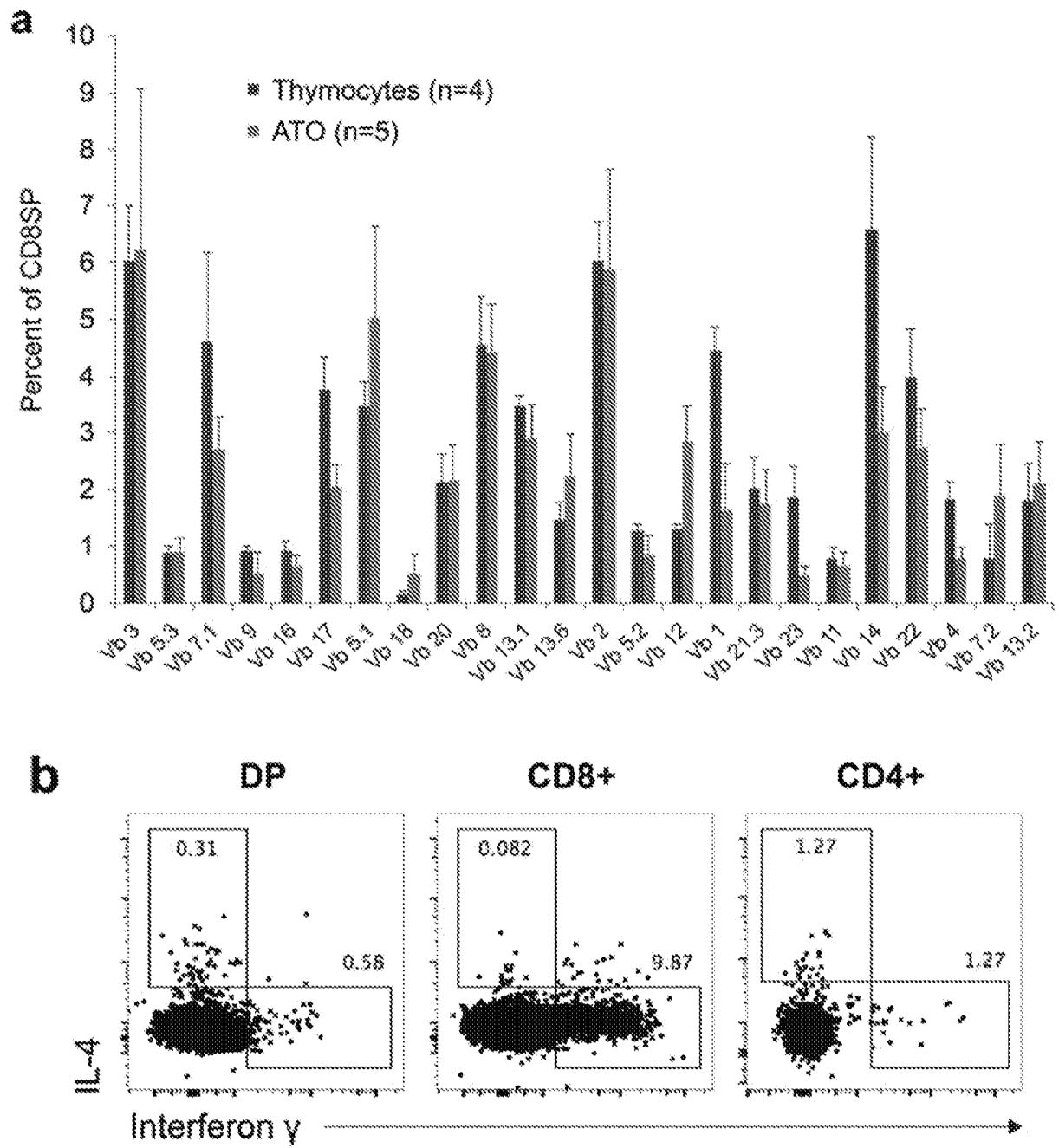


FIG. 6A - 6B

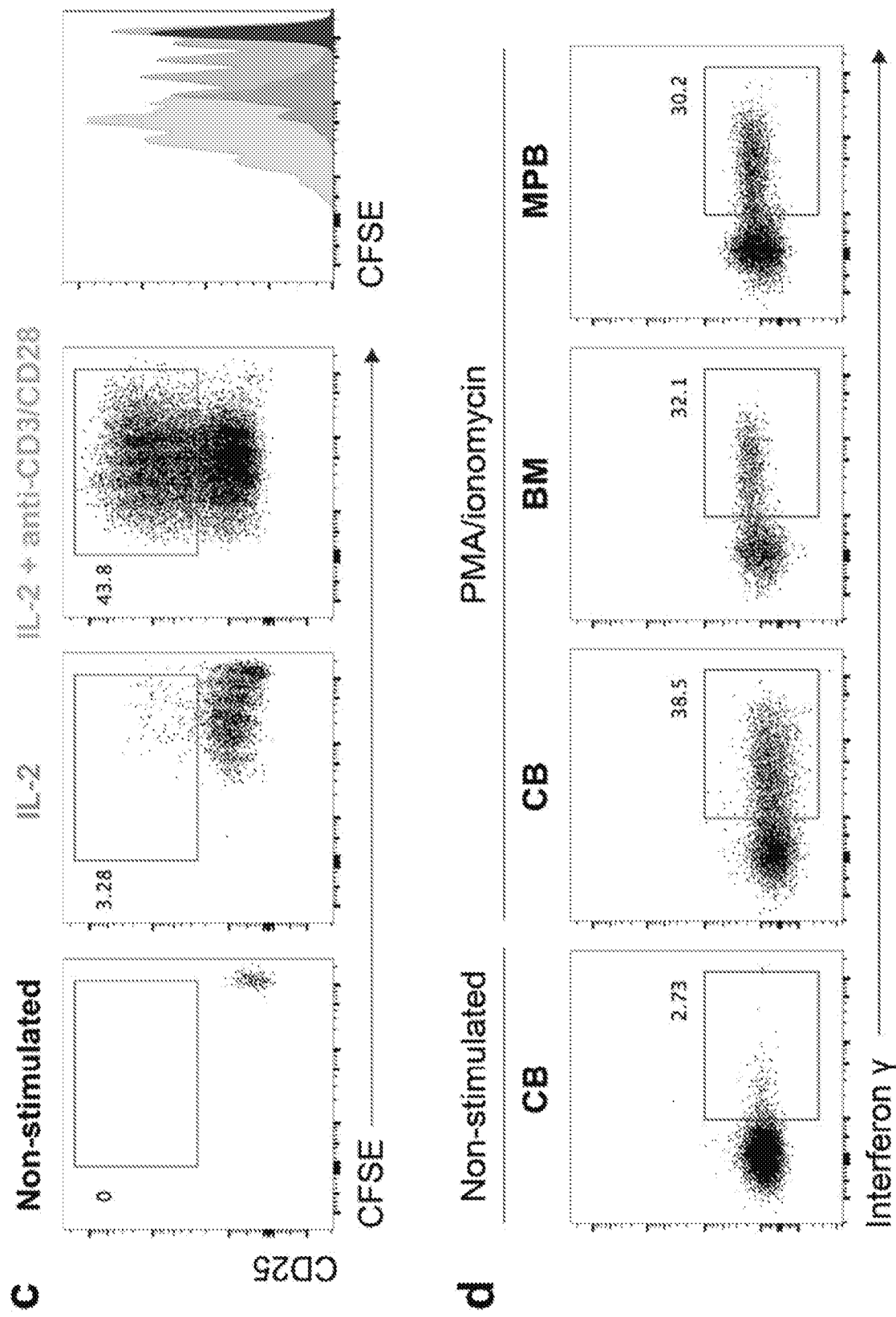


FIG. 6C - 6D

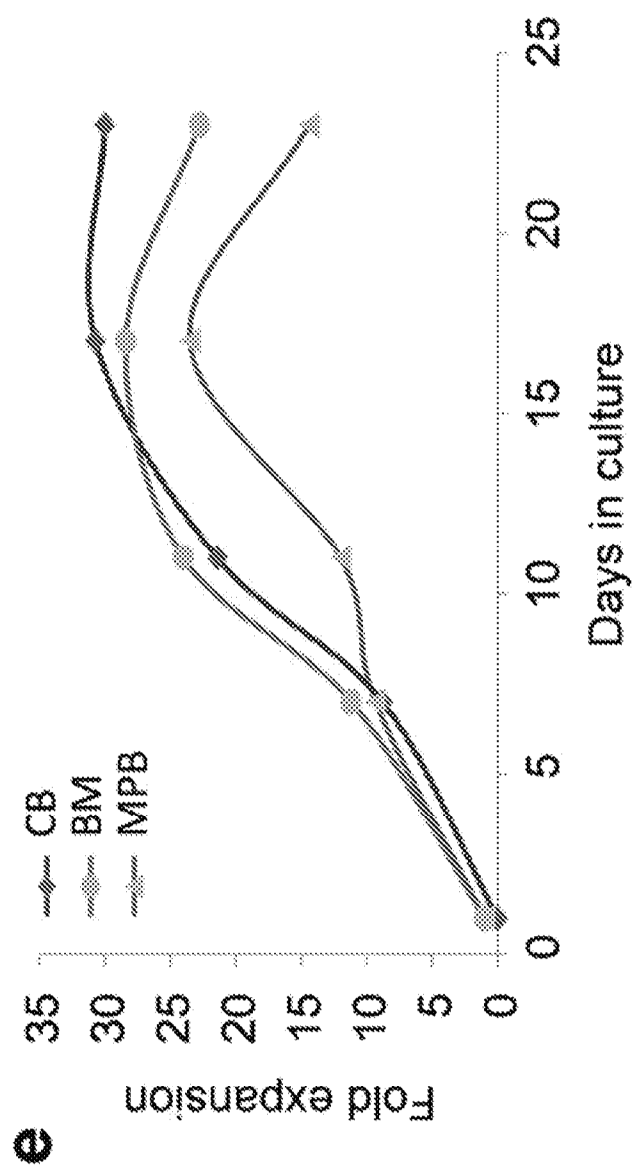


FIG. 6E

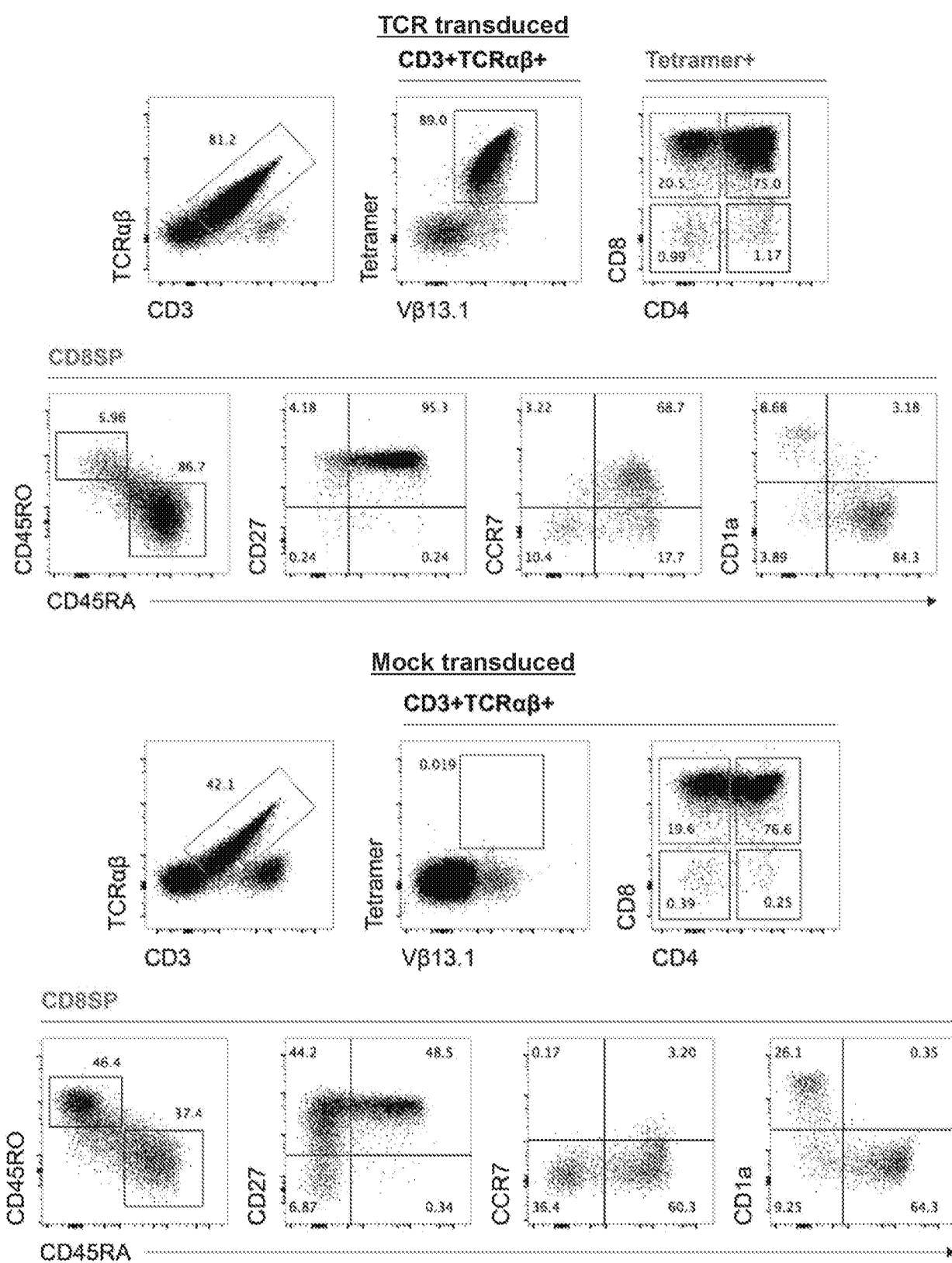


FIG. 7A

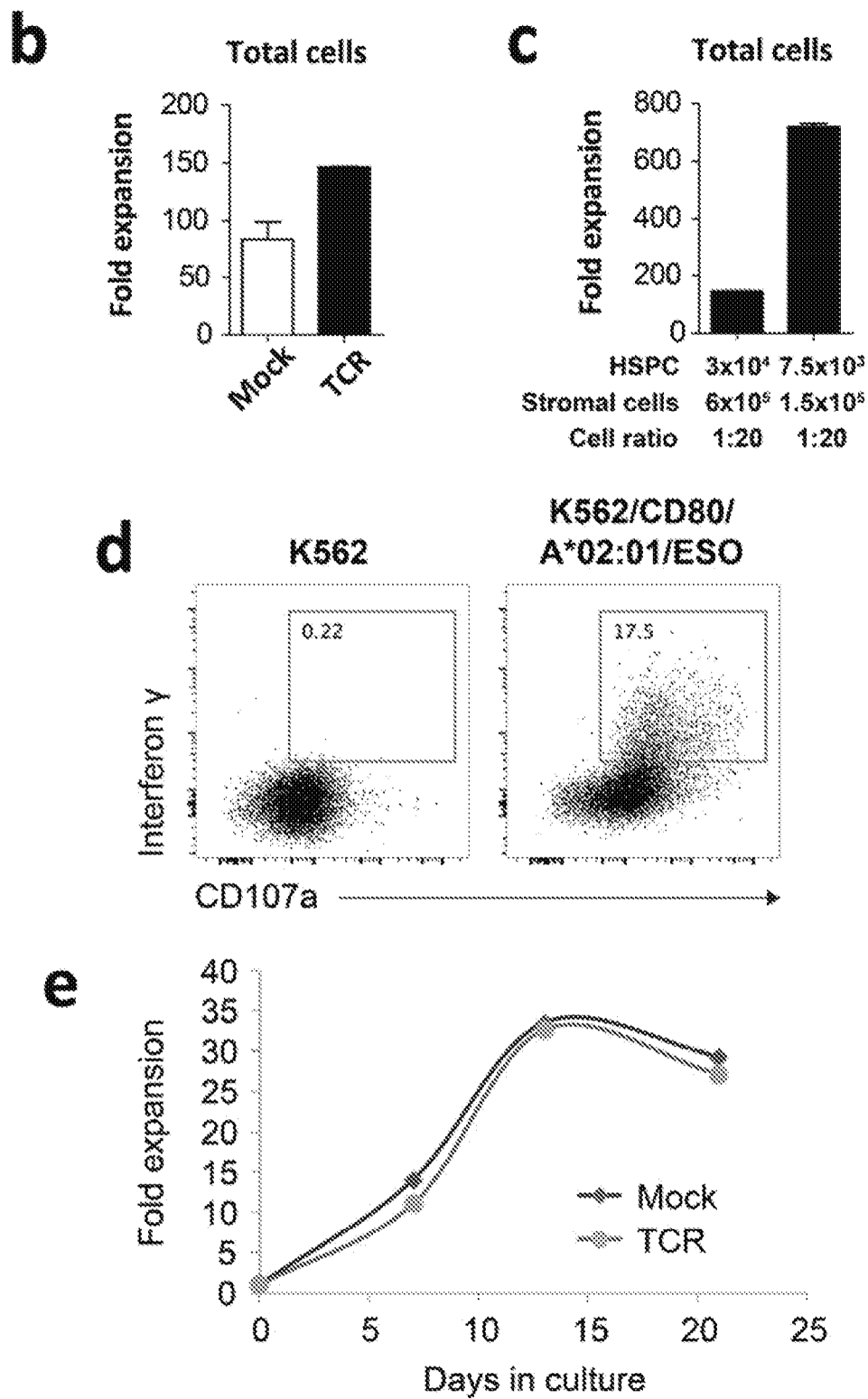


FIG 7B - 7E

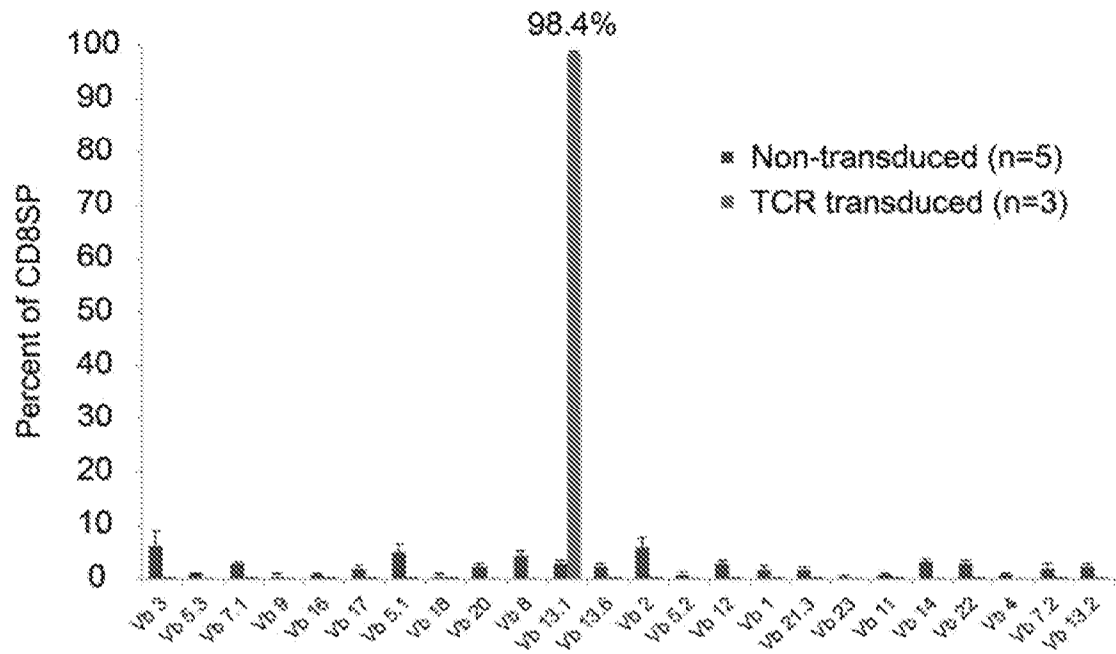
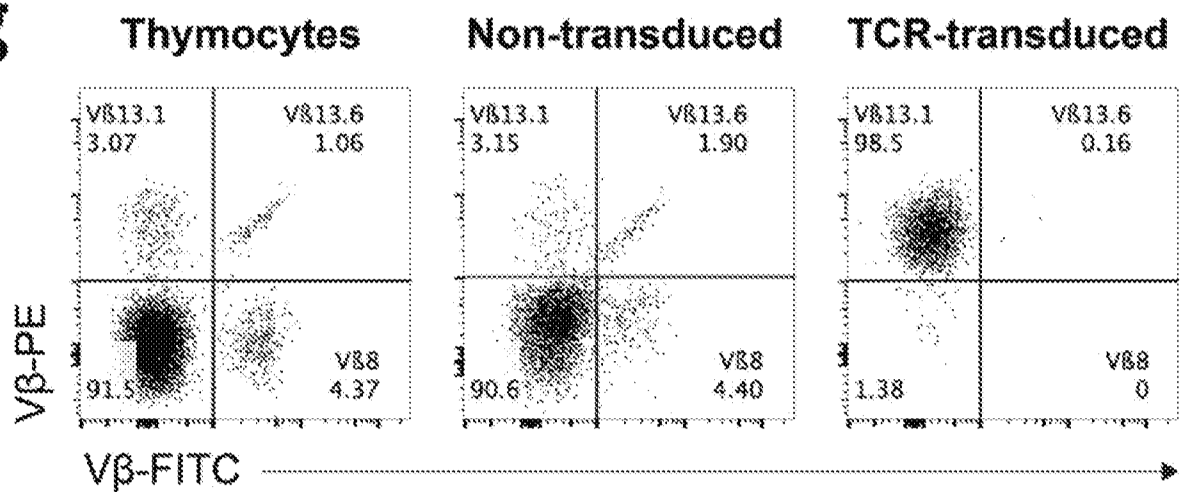
**f****g**

FIG. 7F - 7G

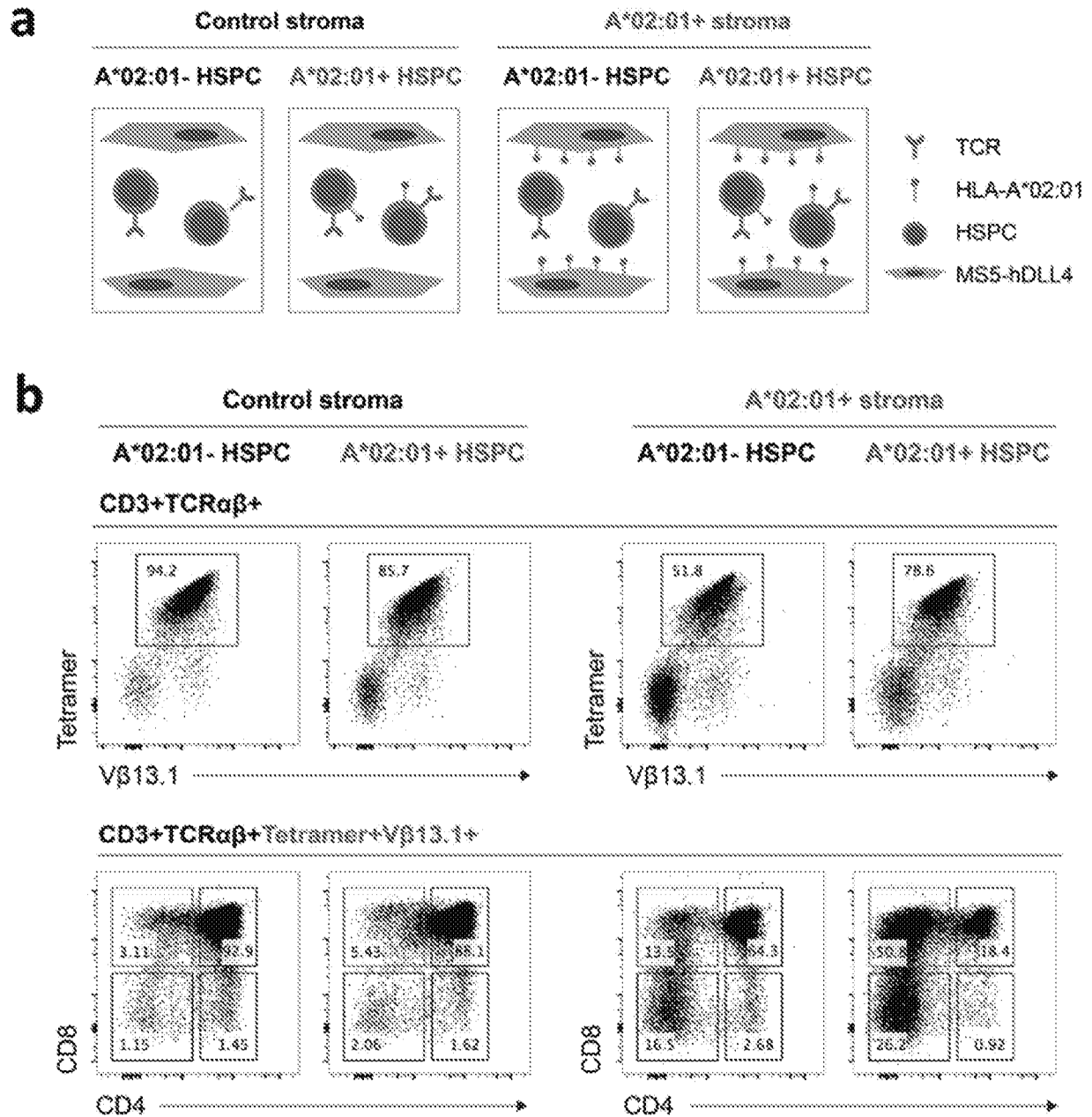


FIG. 8A - 8B



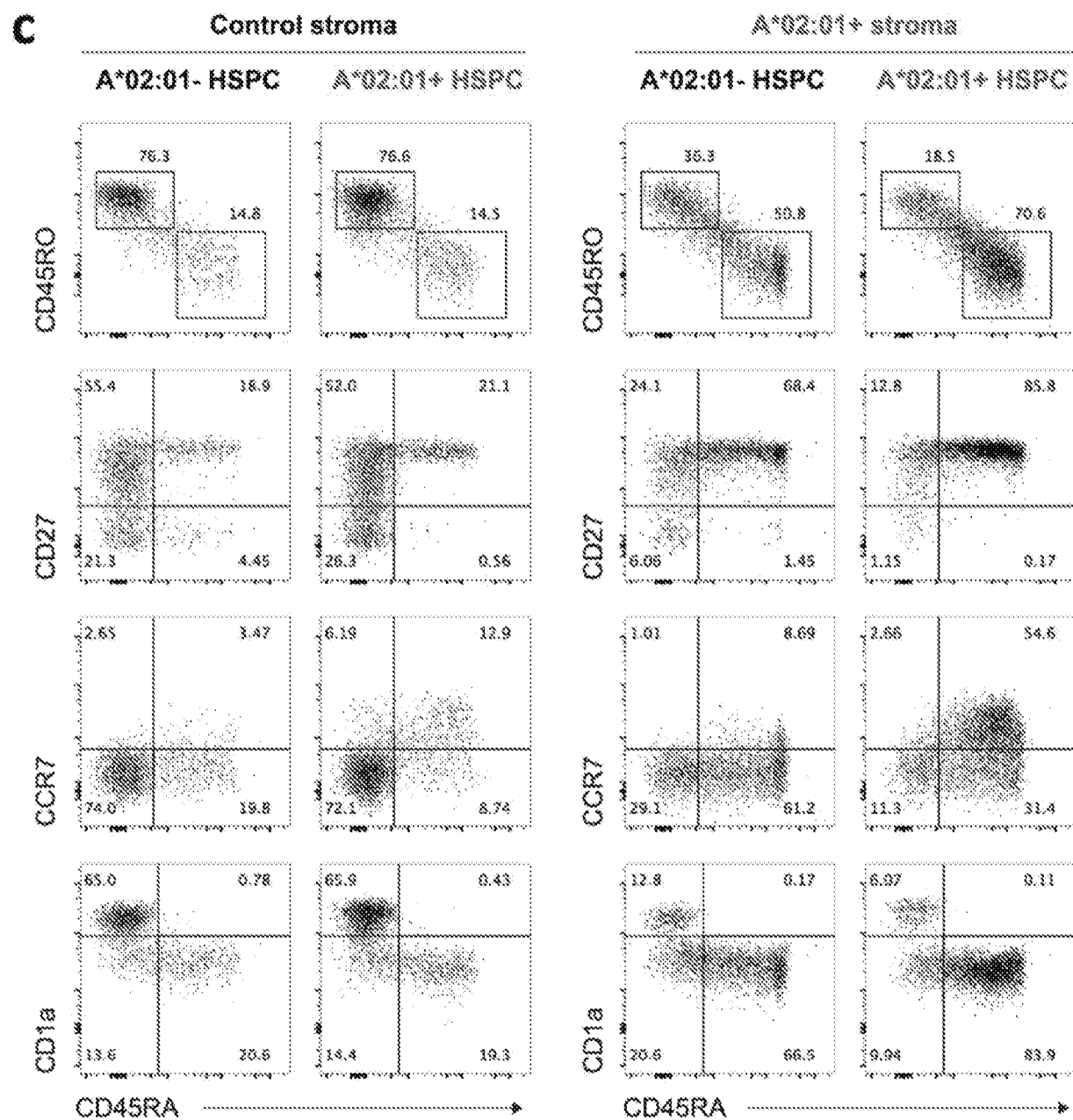


FIG 8C

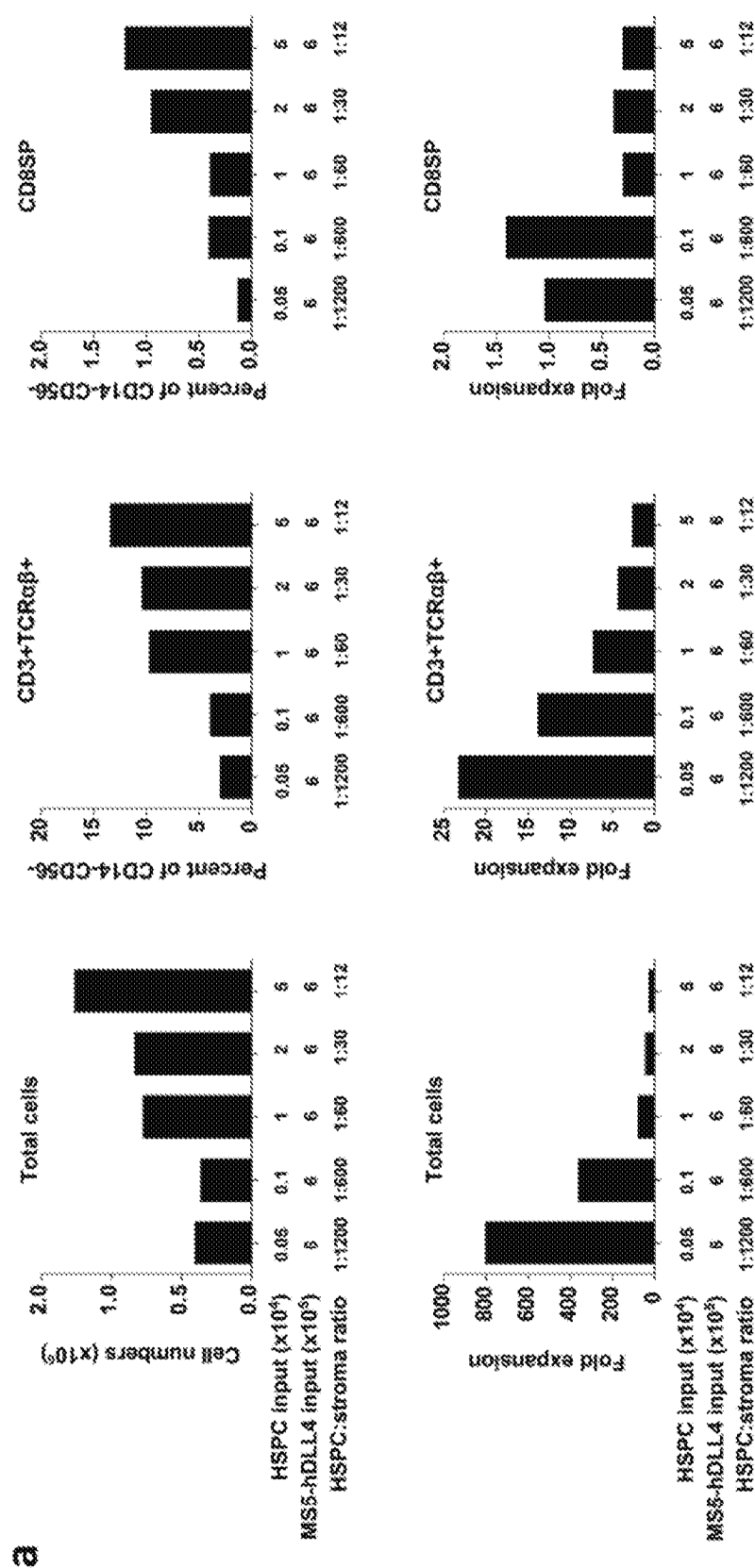


FIG. 9A

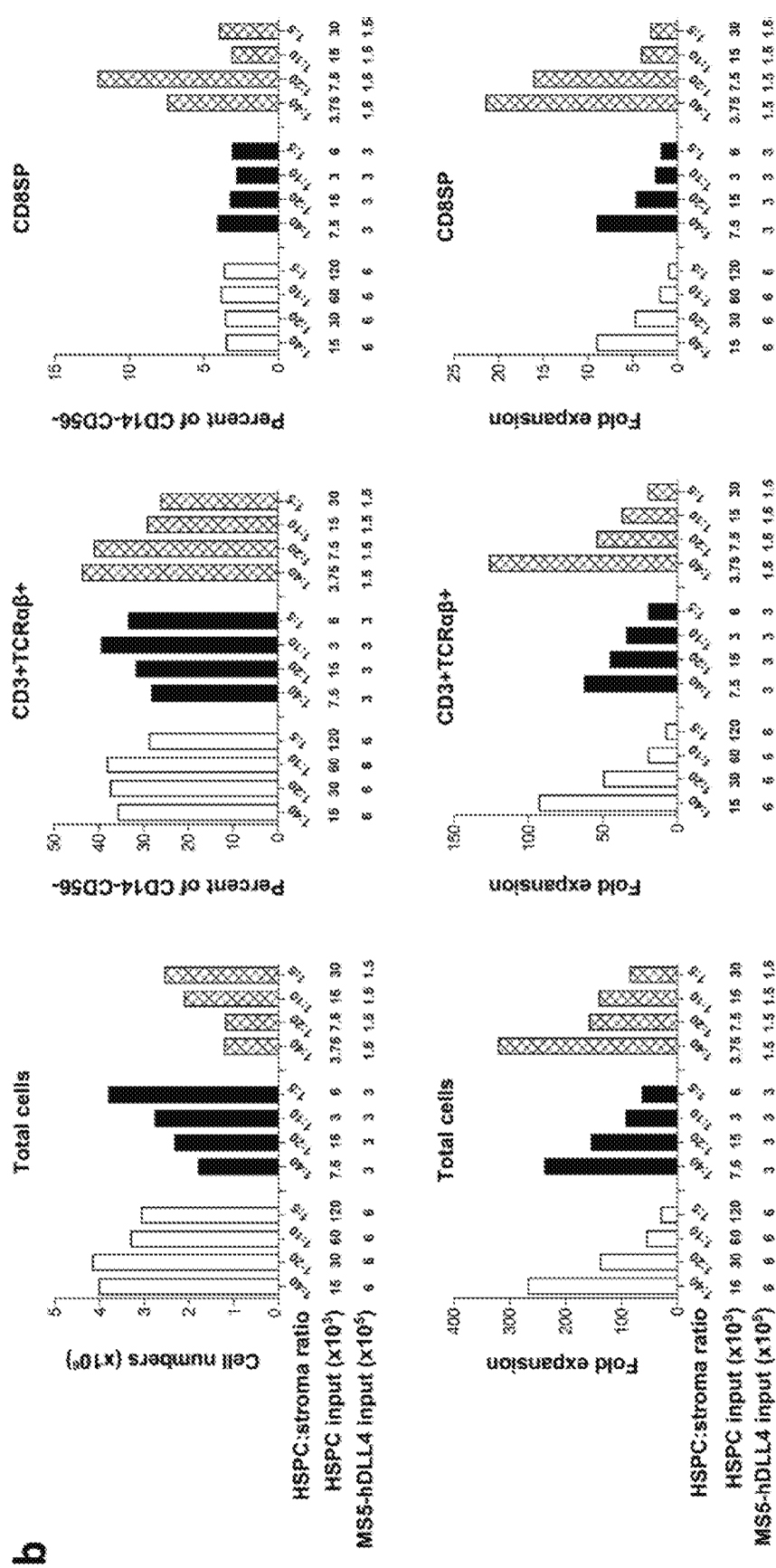


FIG. 9B

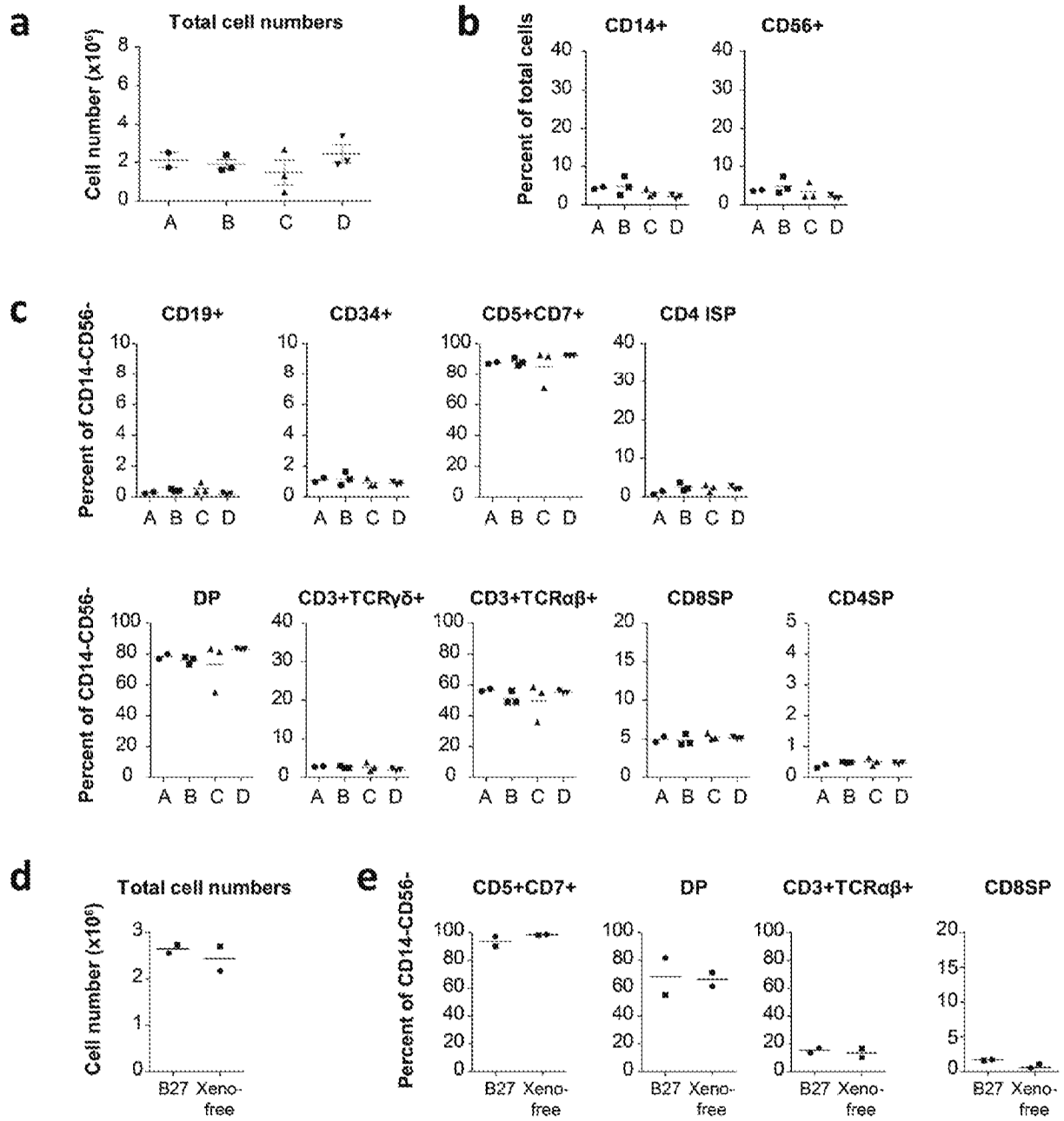


FIG. 10A - 10E

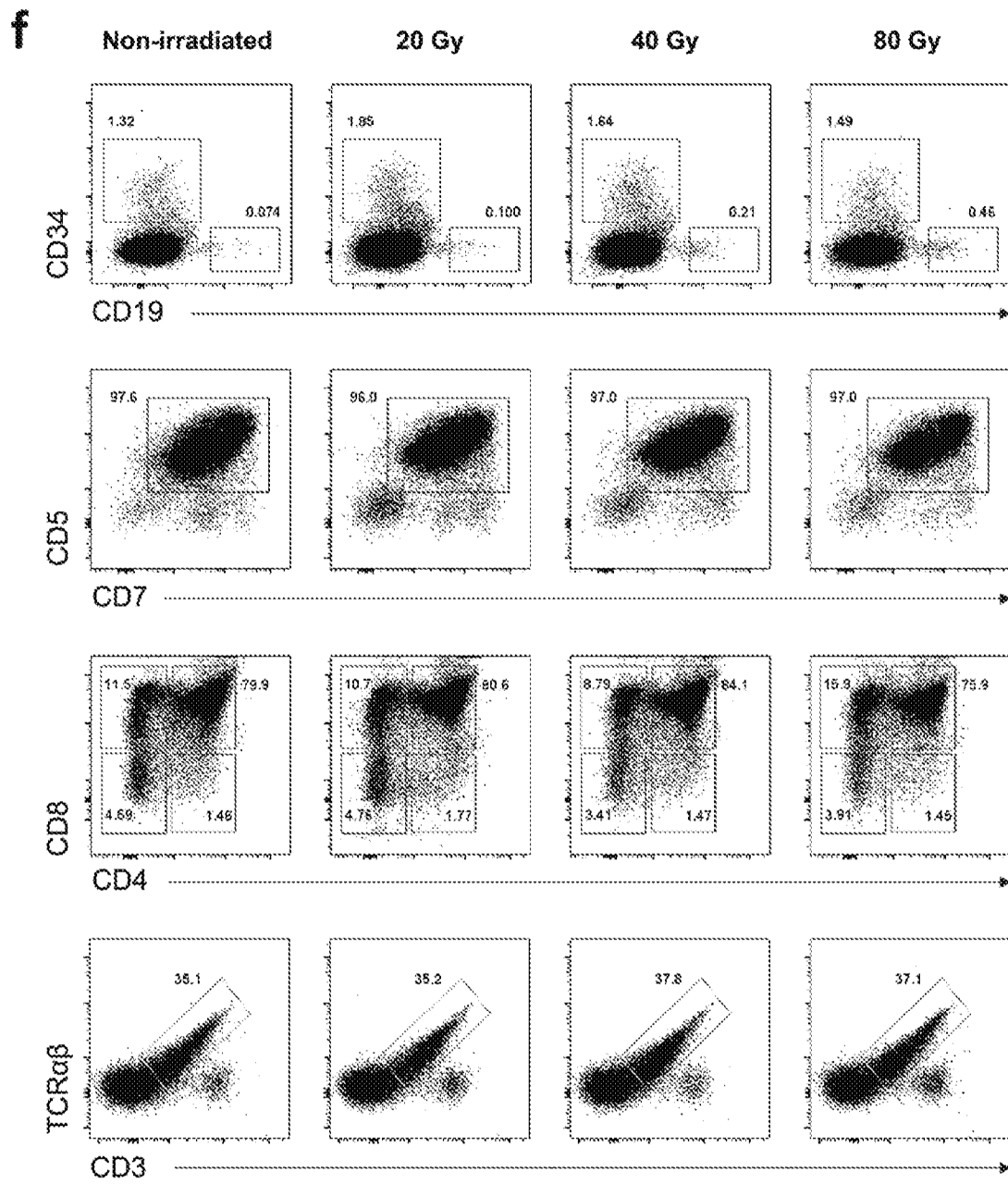
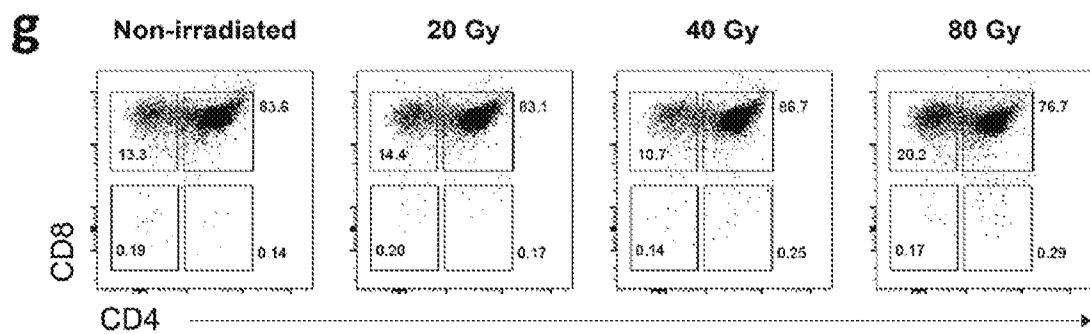
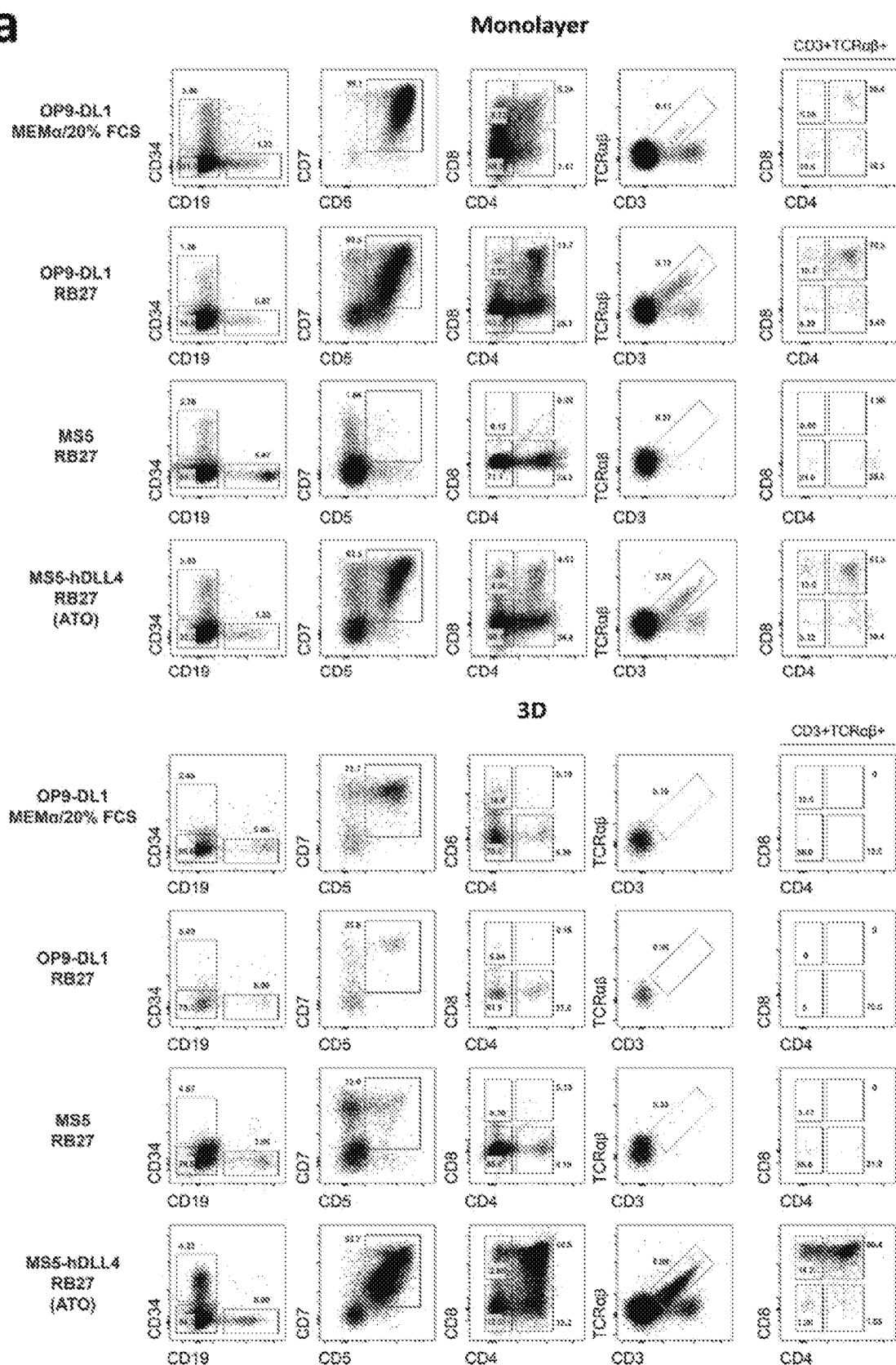


FIG. 10F - 10G

**a****FIG. 11A**

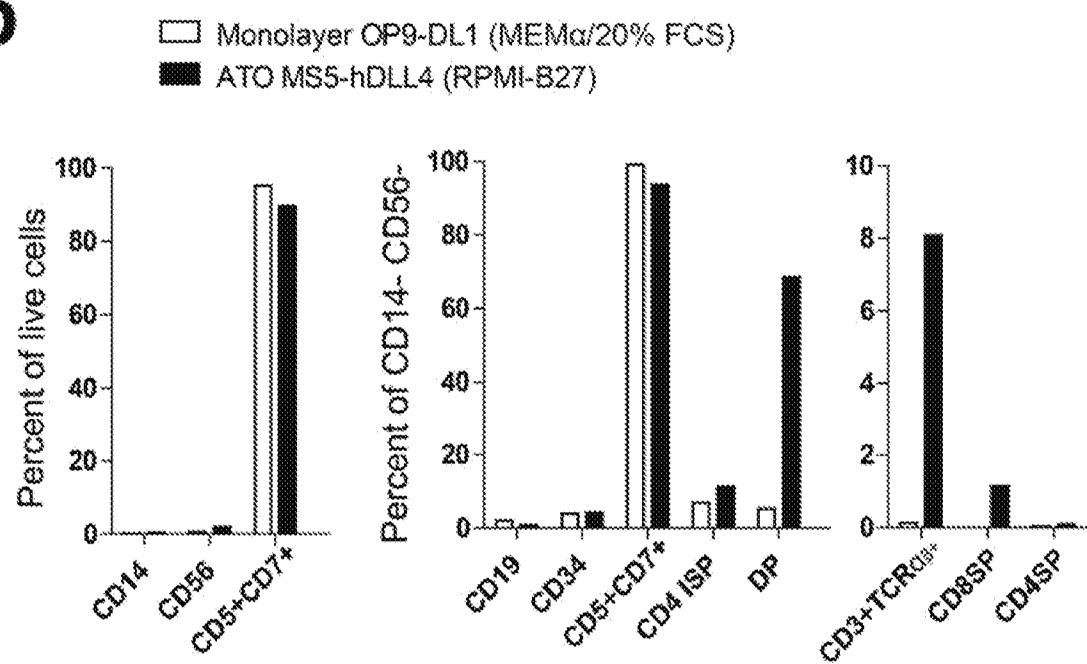
**b**

FIG. 11B

**C**

□ Monolayer OP9-DL1 (MEMα/20% FCS)  
 ■ ATO MS5-hDLL4 (RPMI-827)

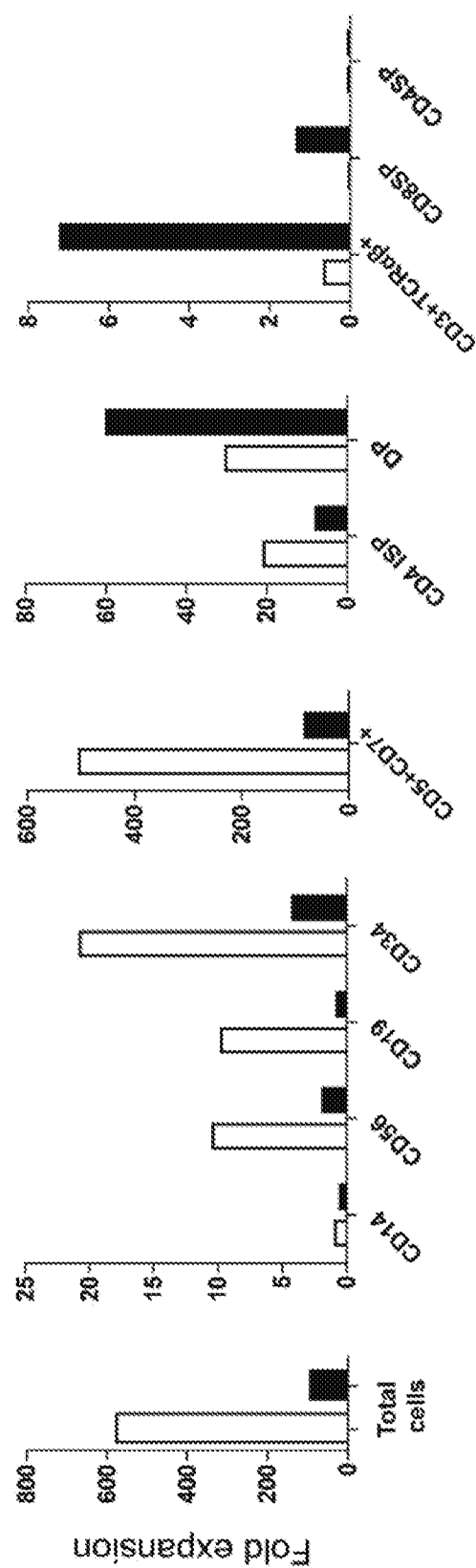


FIG. 11C



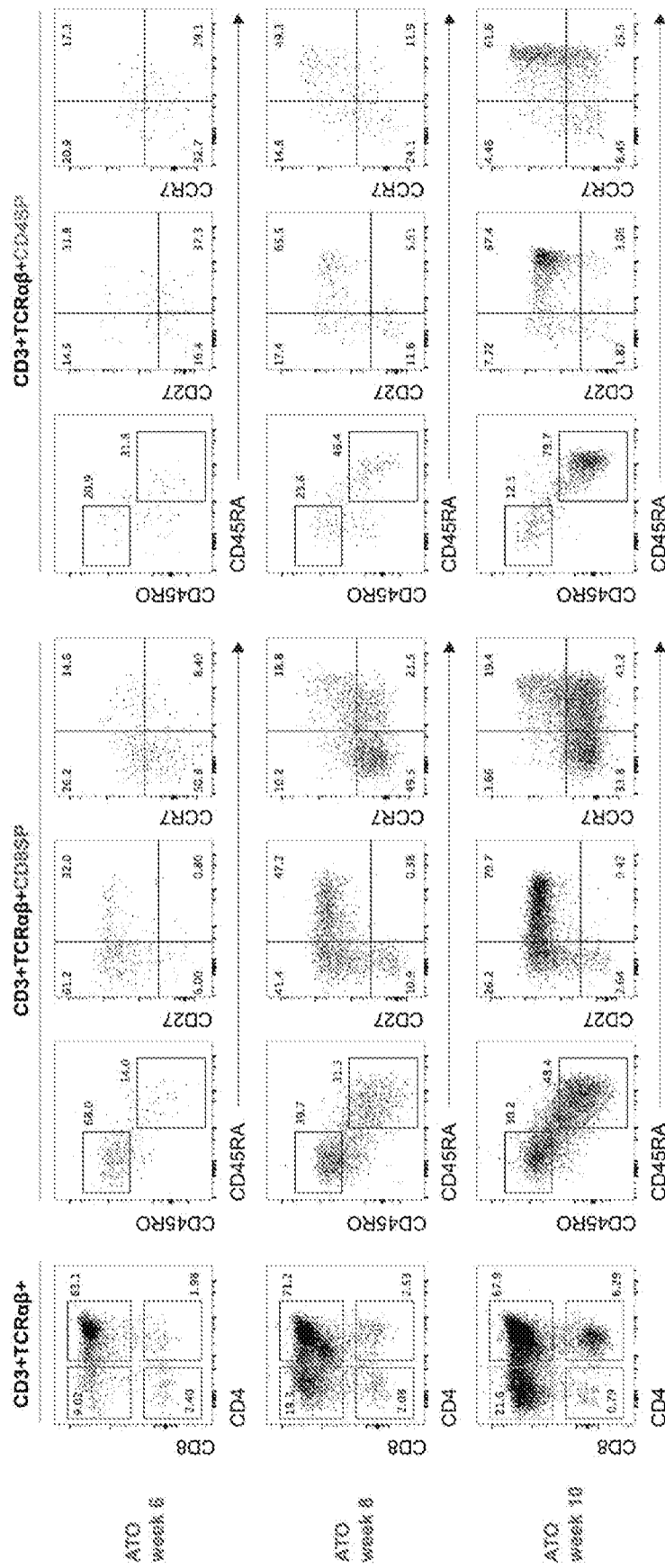
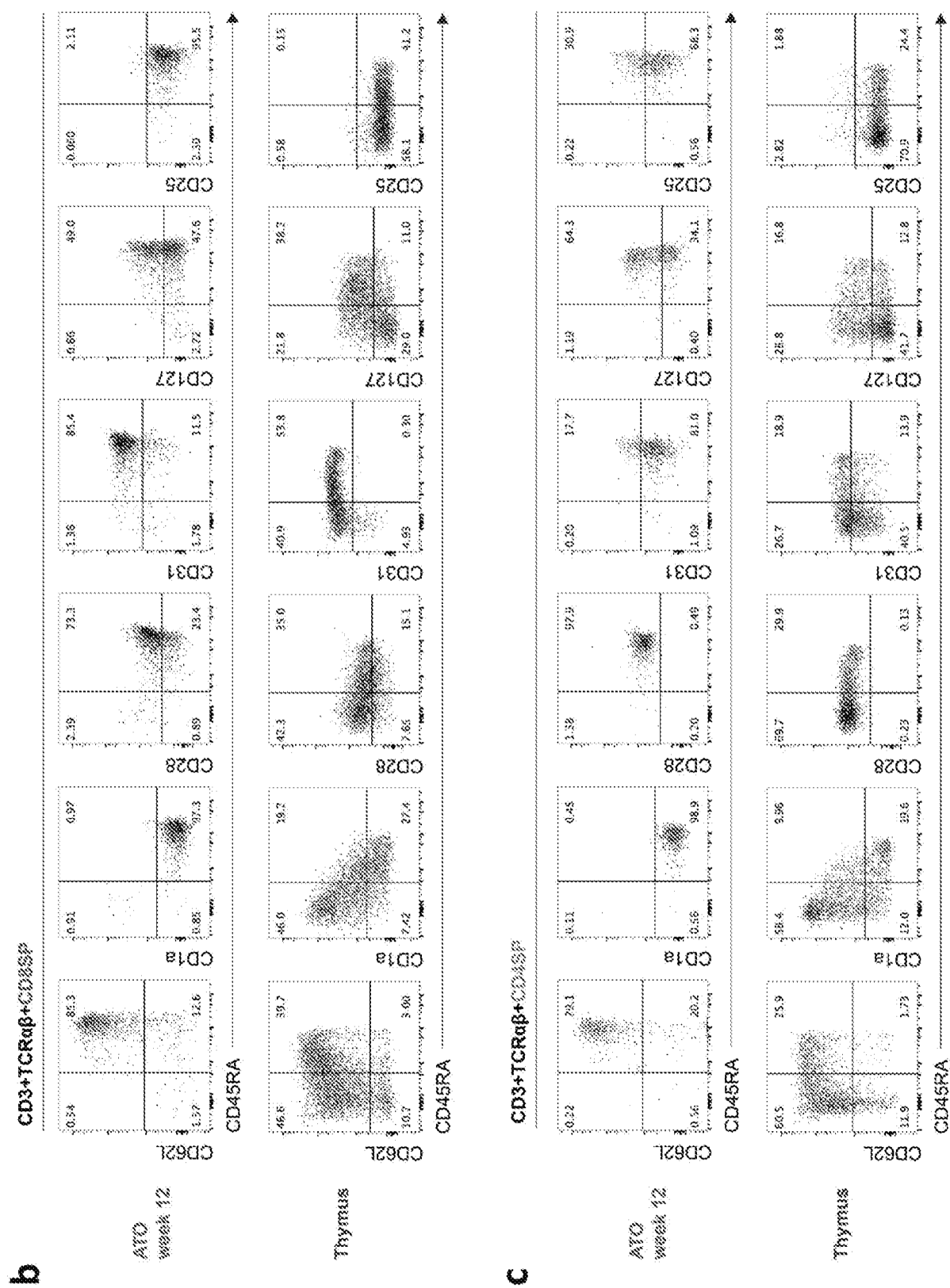


FIG. 12A



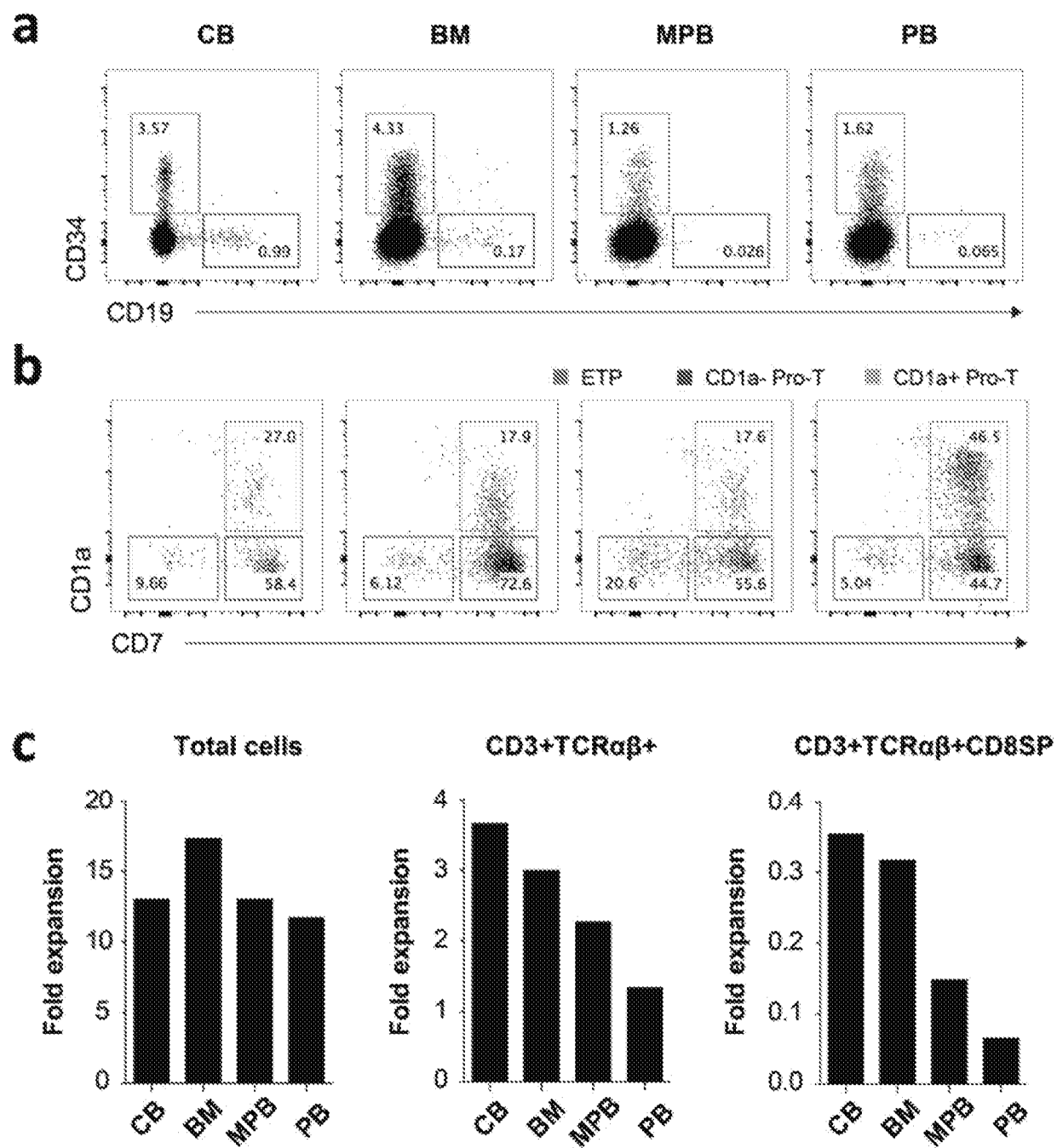


FIG. 13A - 13C

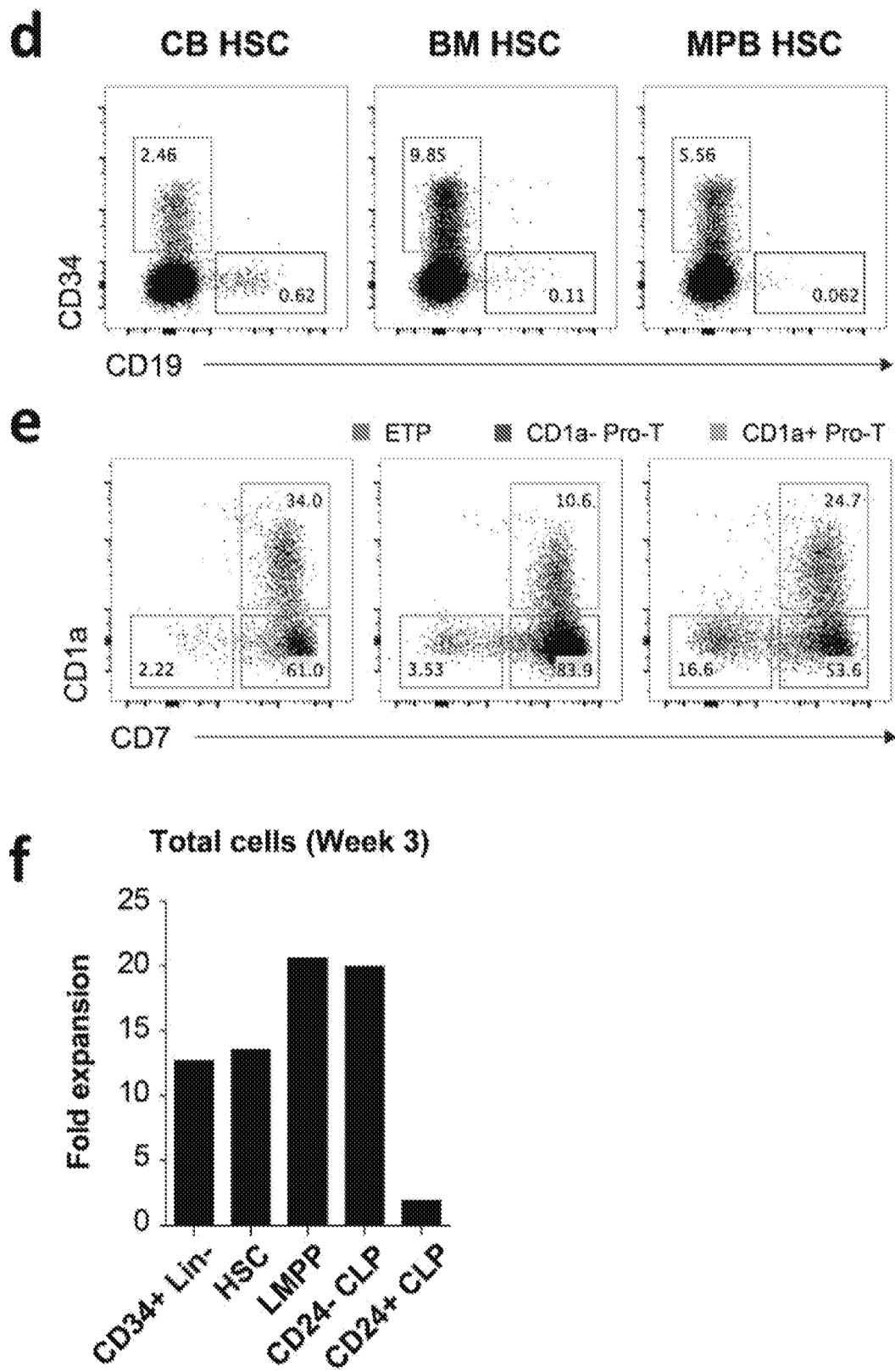


FIG. 13D - 13F

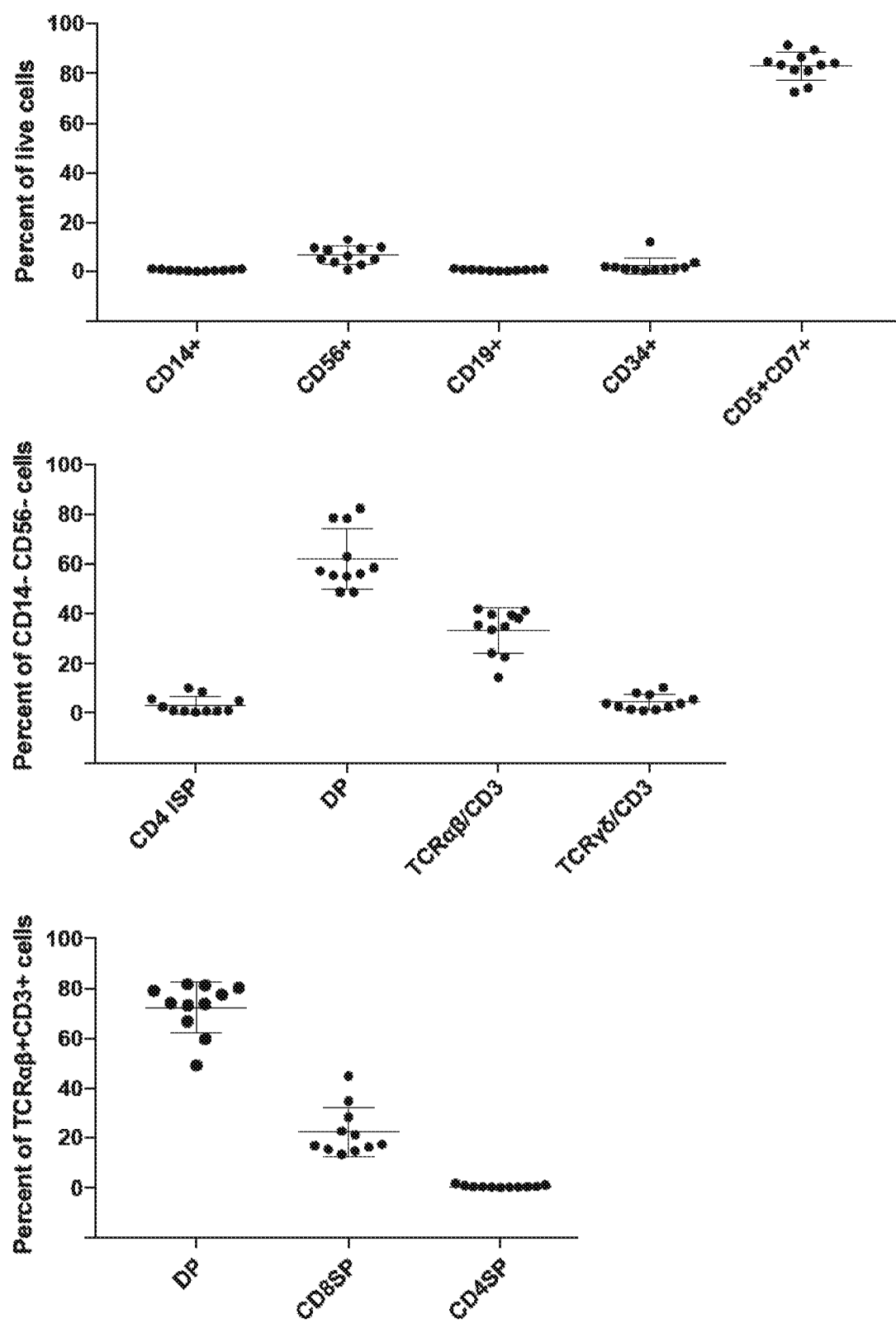


FIG. 14A

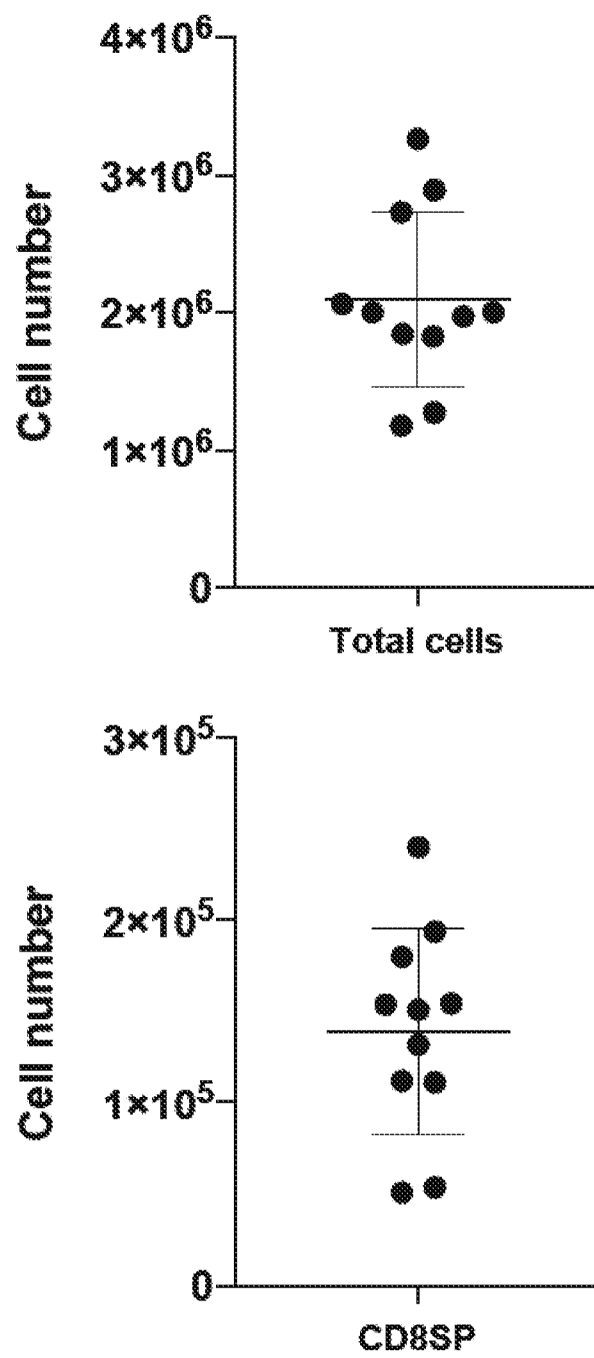


FIG. 14B

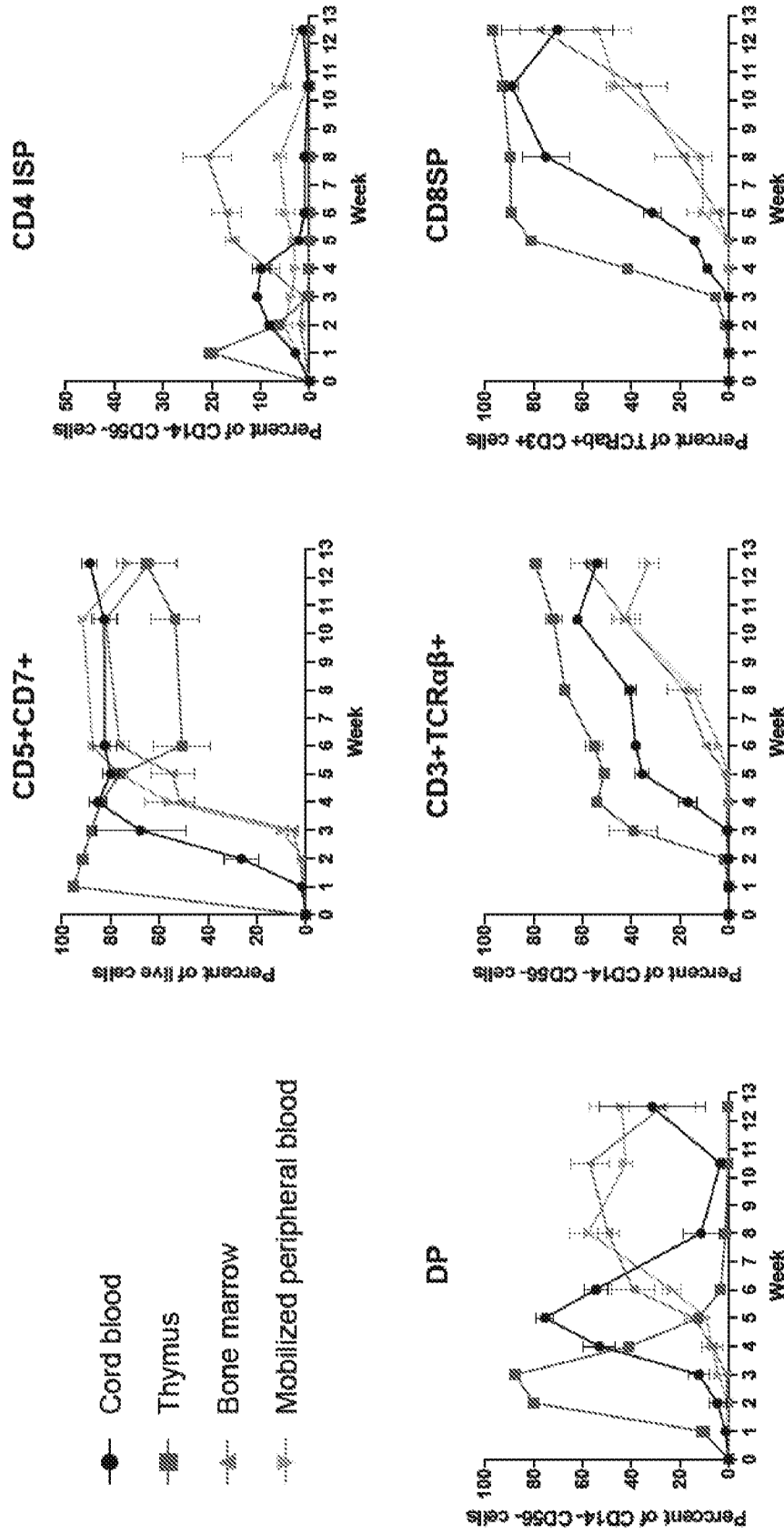


FIG. 15A

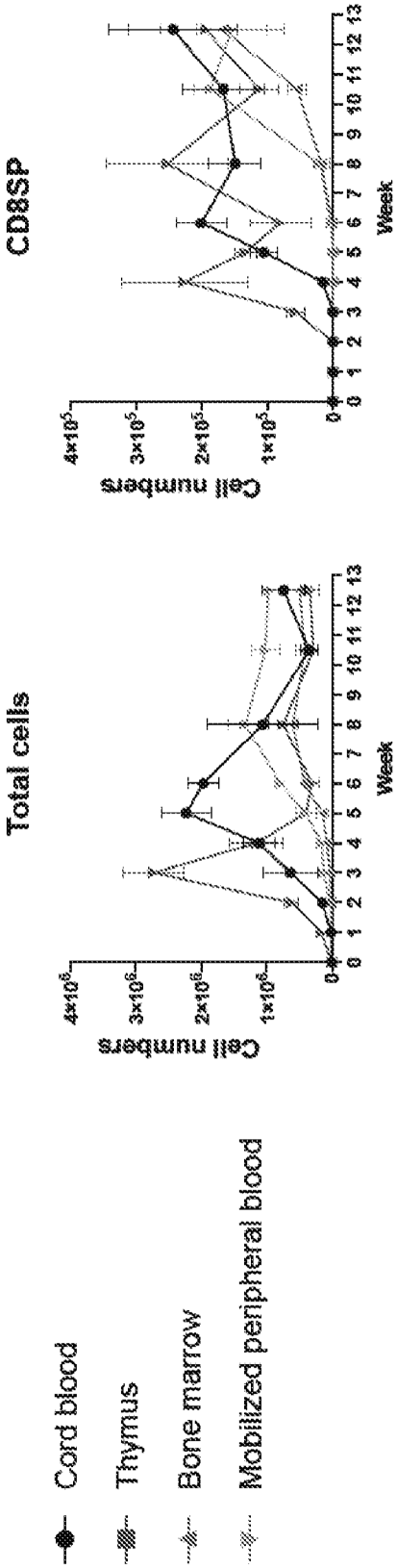


FIG. 15B



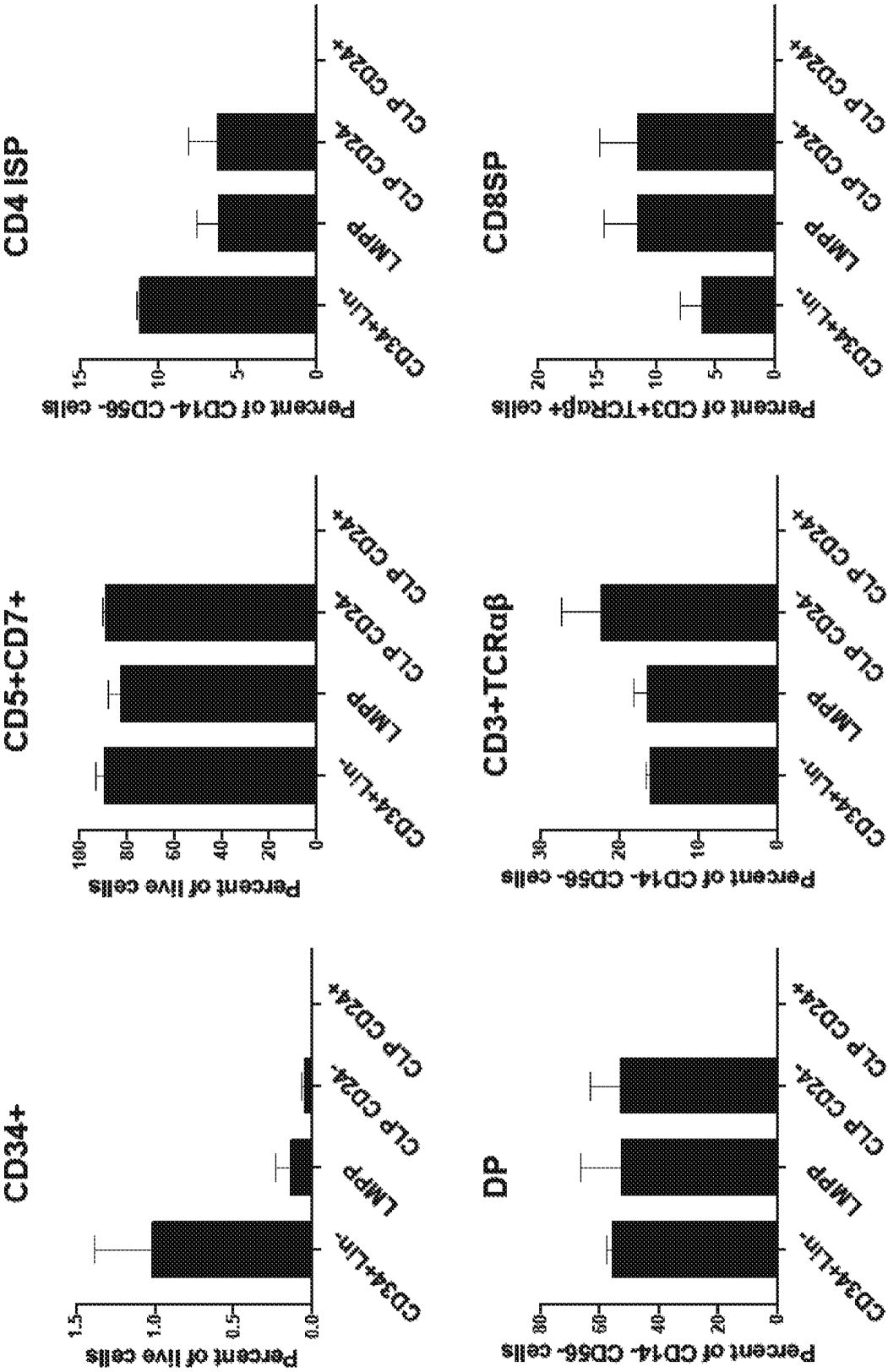


FIG. 15C

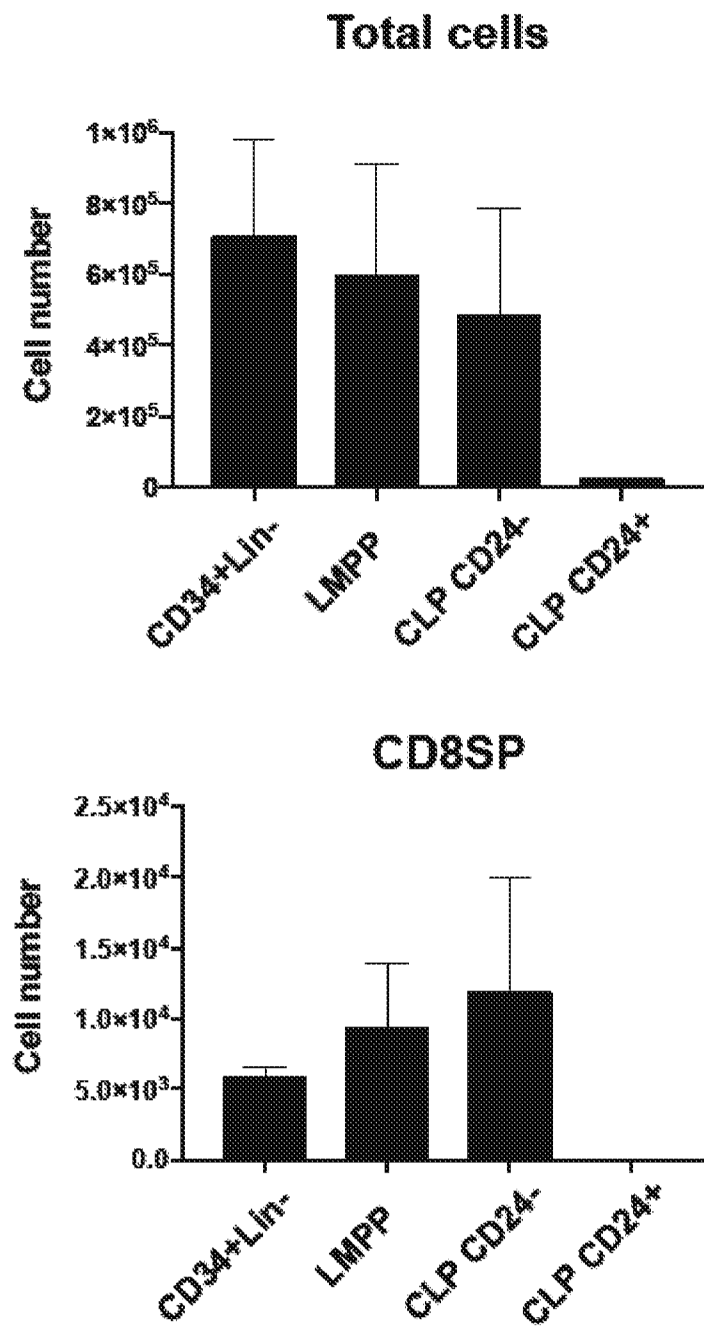


FIG. 15D

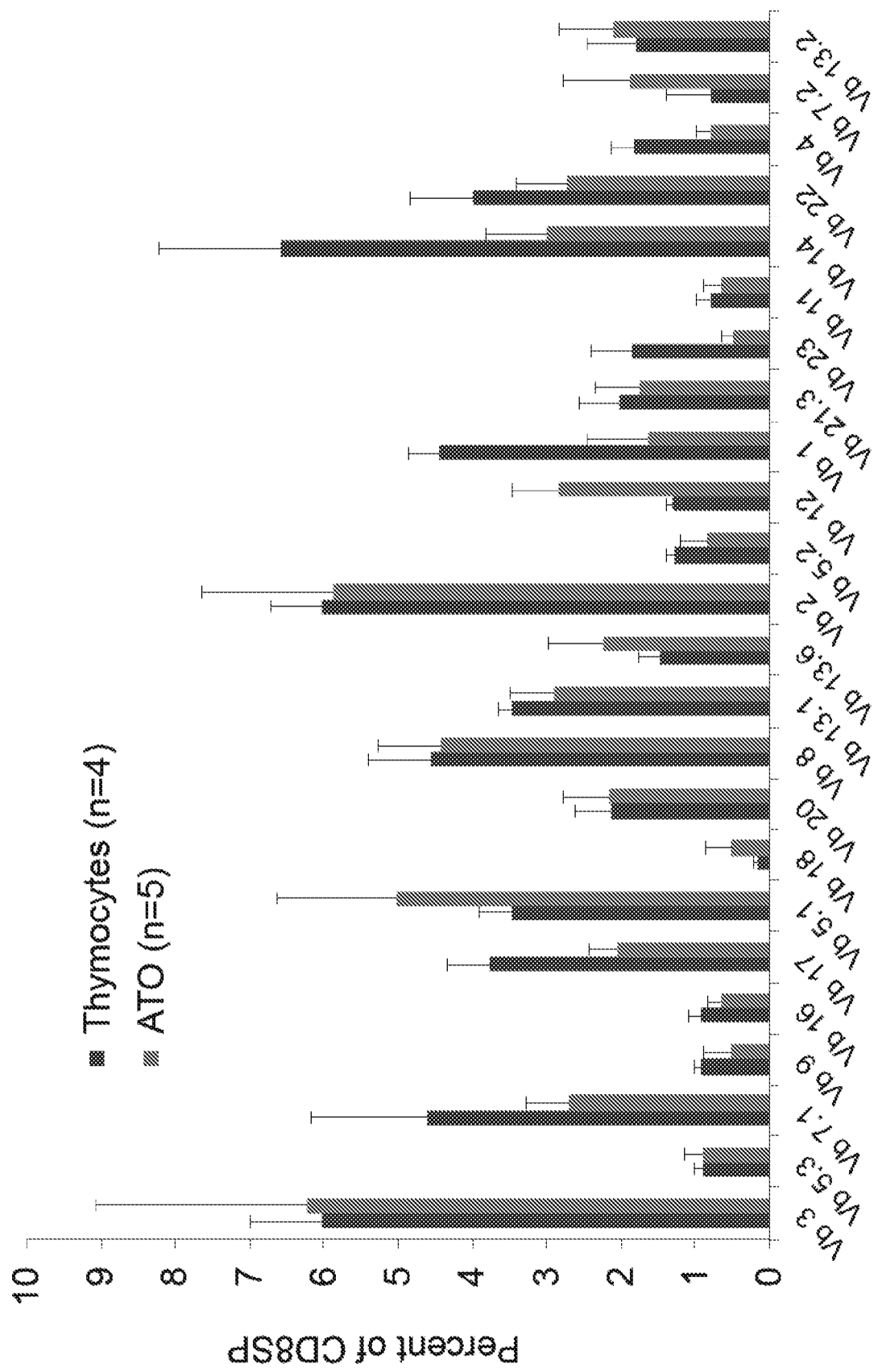


FIG. 16A

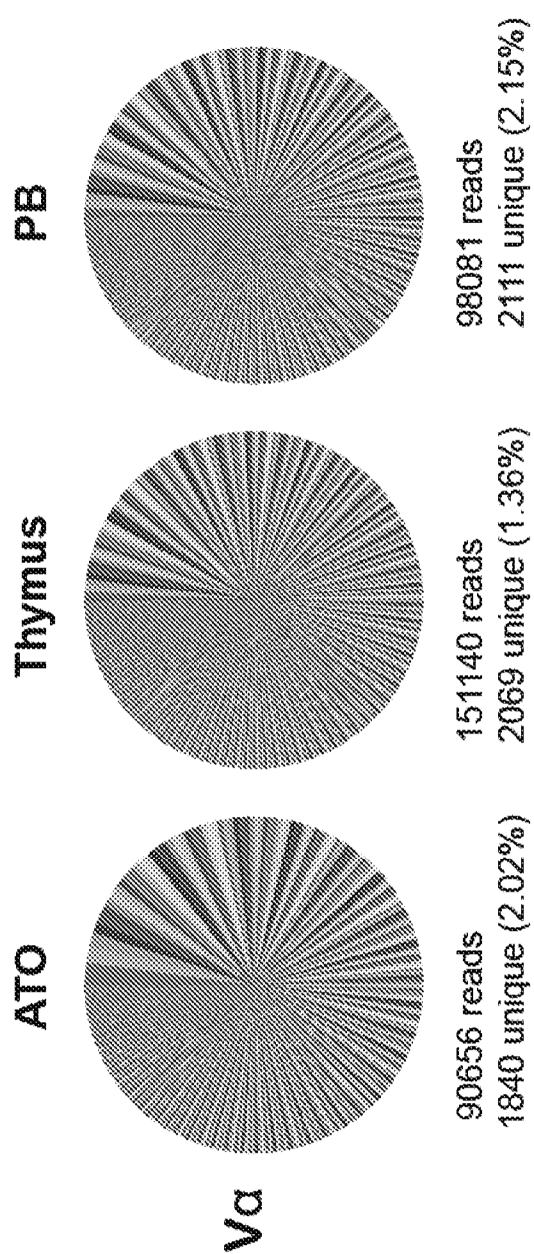


FIG. 16B

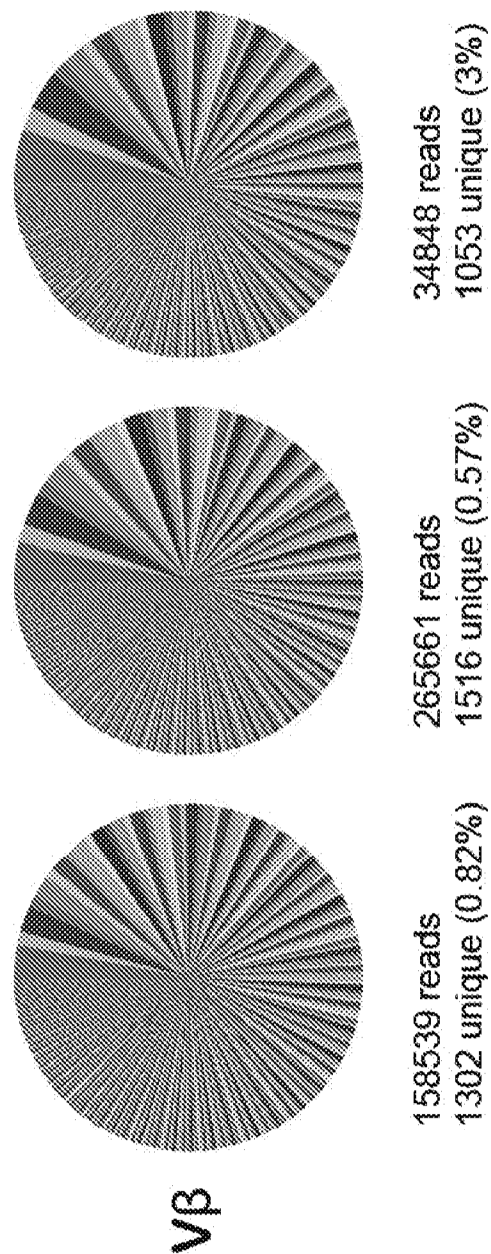


FIG. 16C

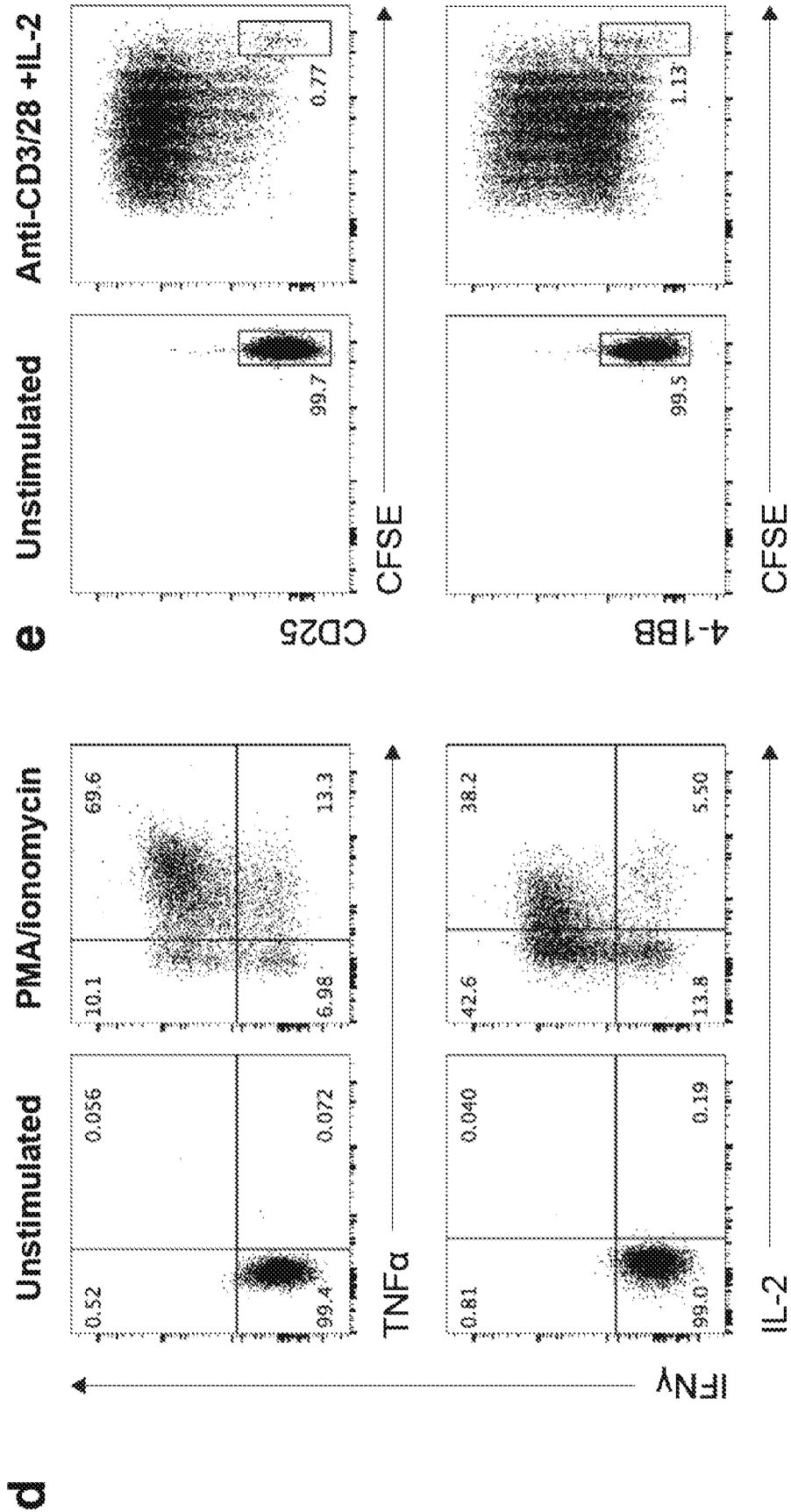


**FIG. 16D-E**

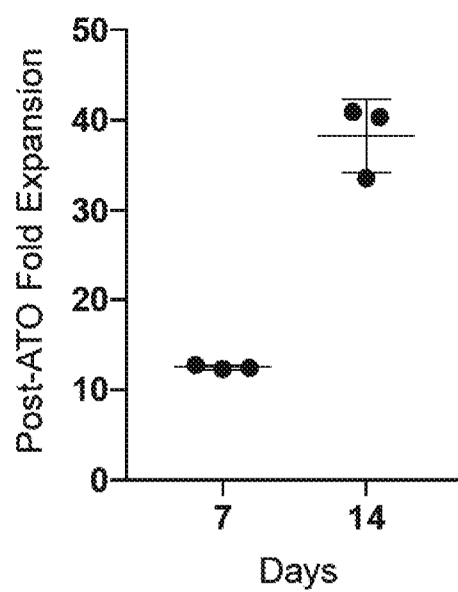


FIG. 16F

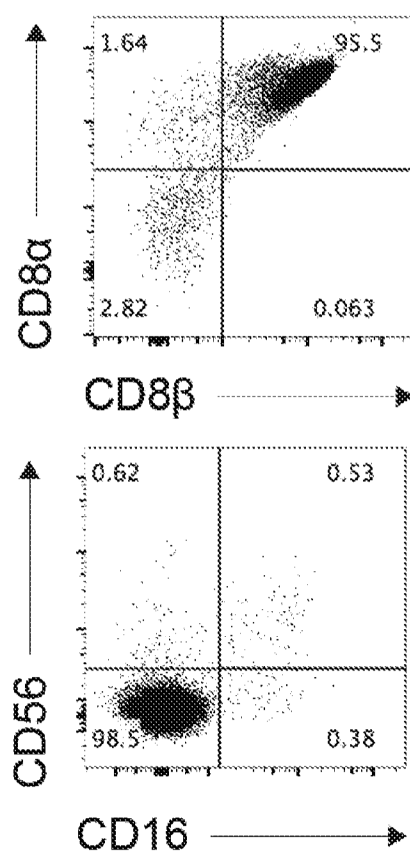


FIG. 17A

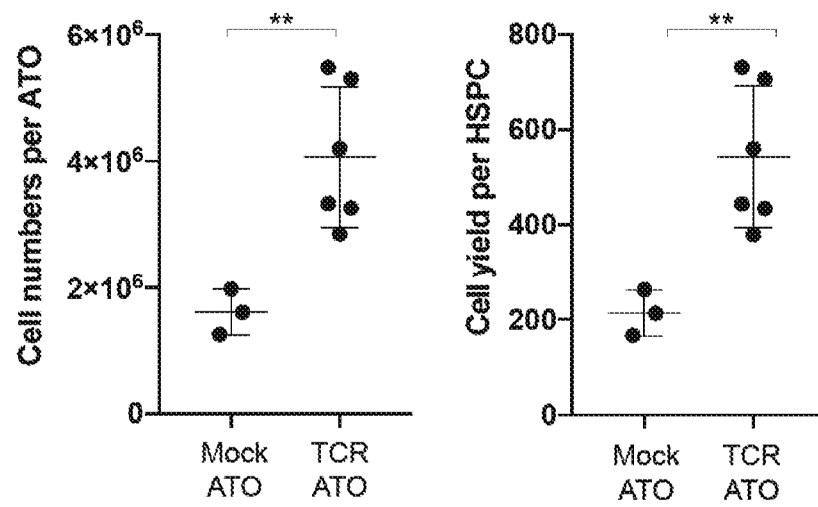


FIG. 17B

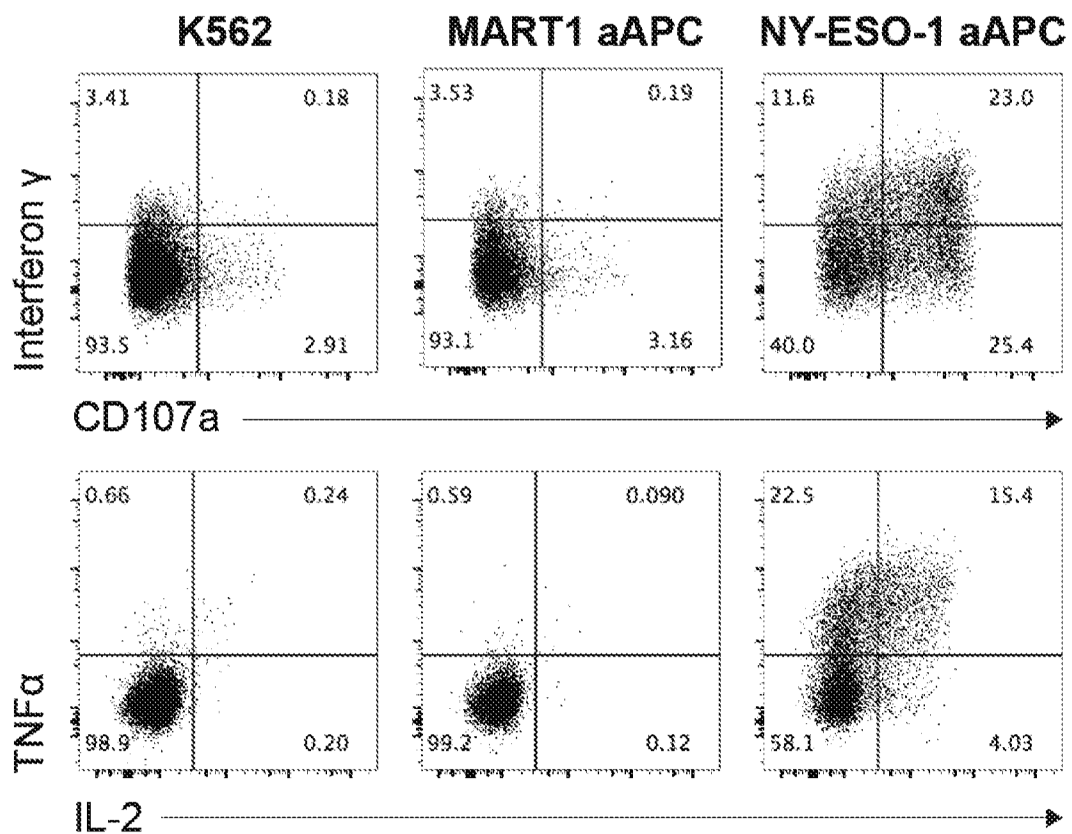


FIG. 17C

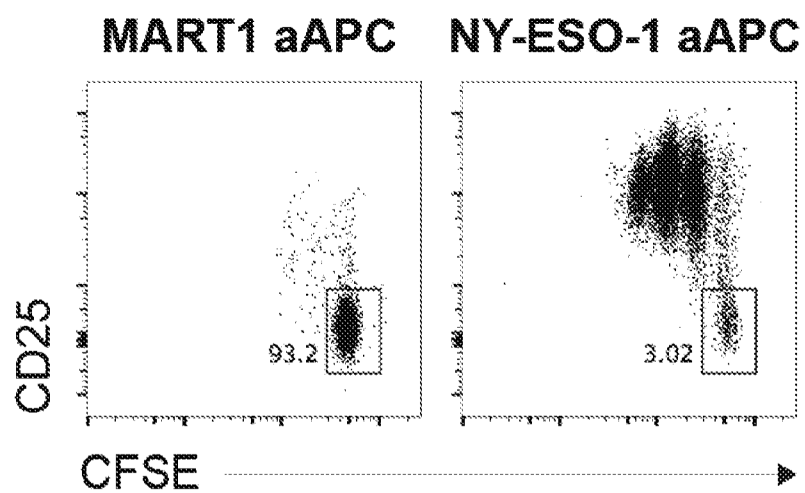


FIG. 17D

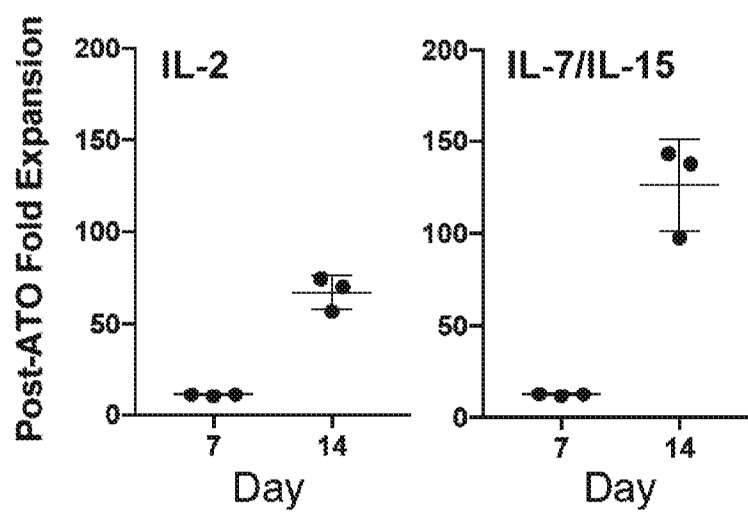


FIG. 17E



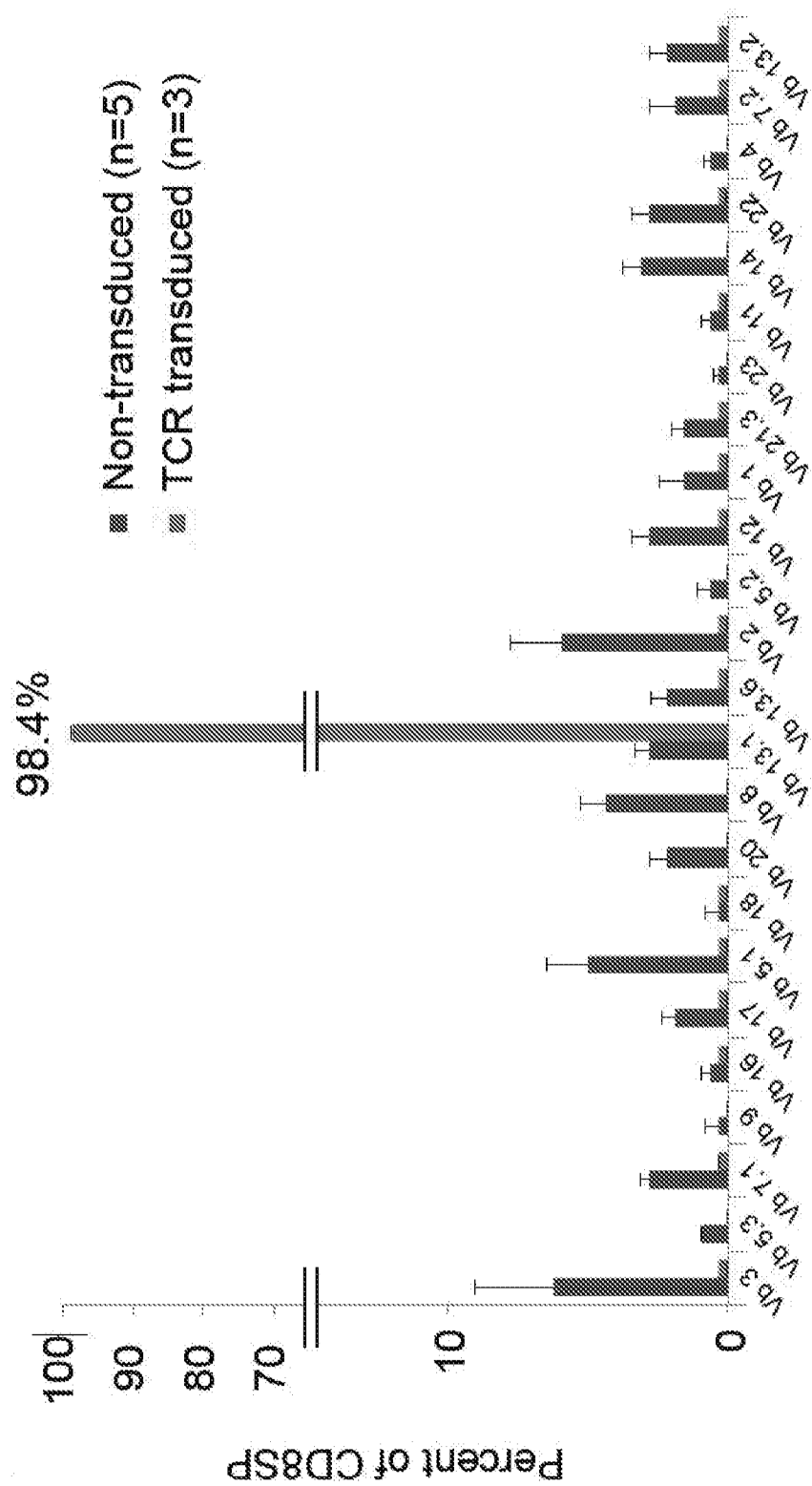


FIG. 17F

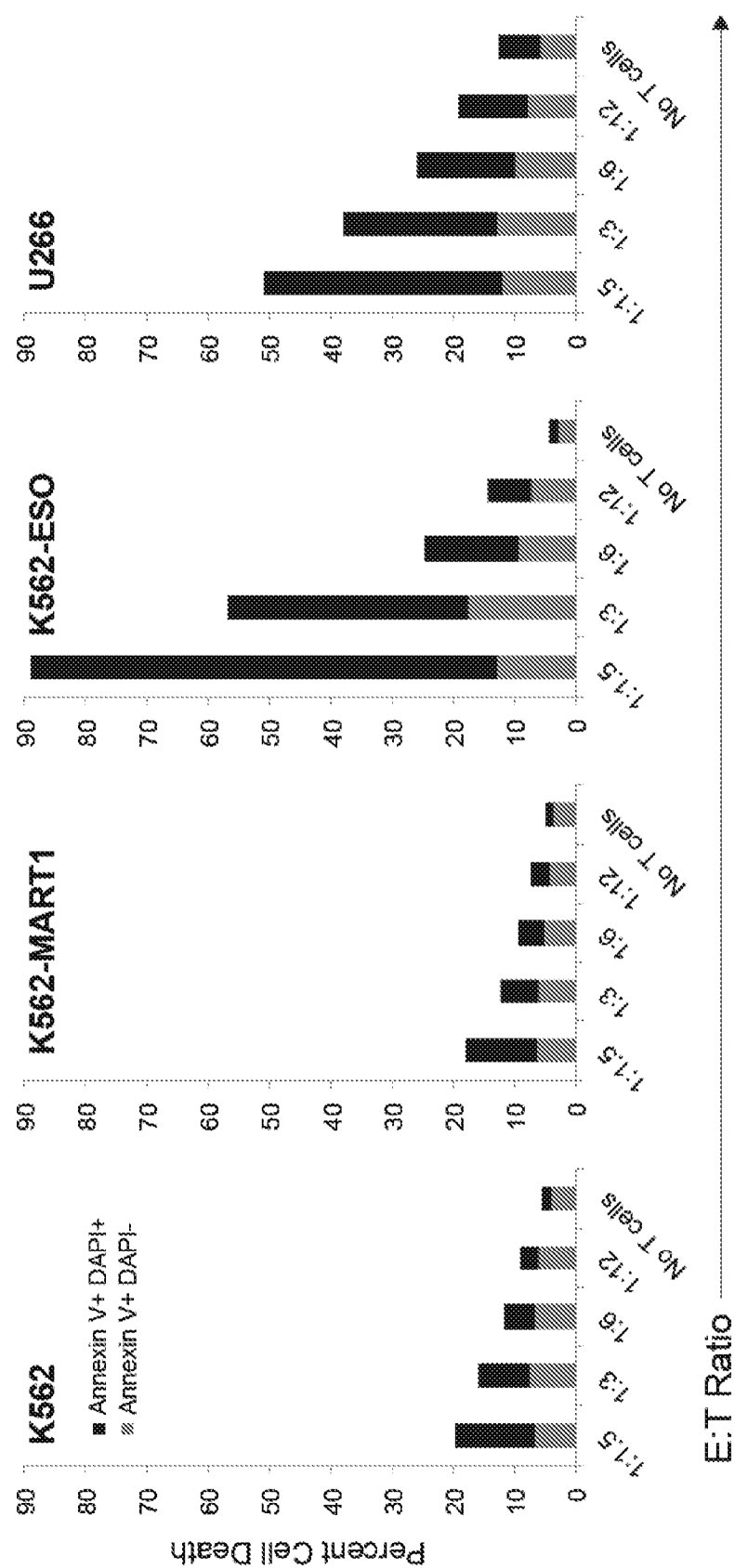


FIG. 18A

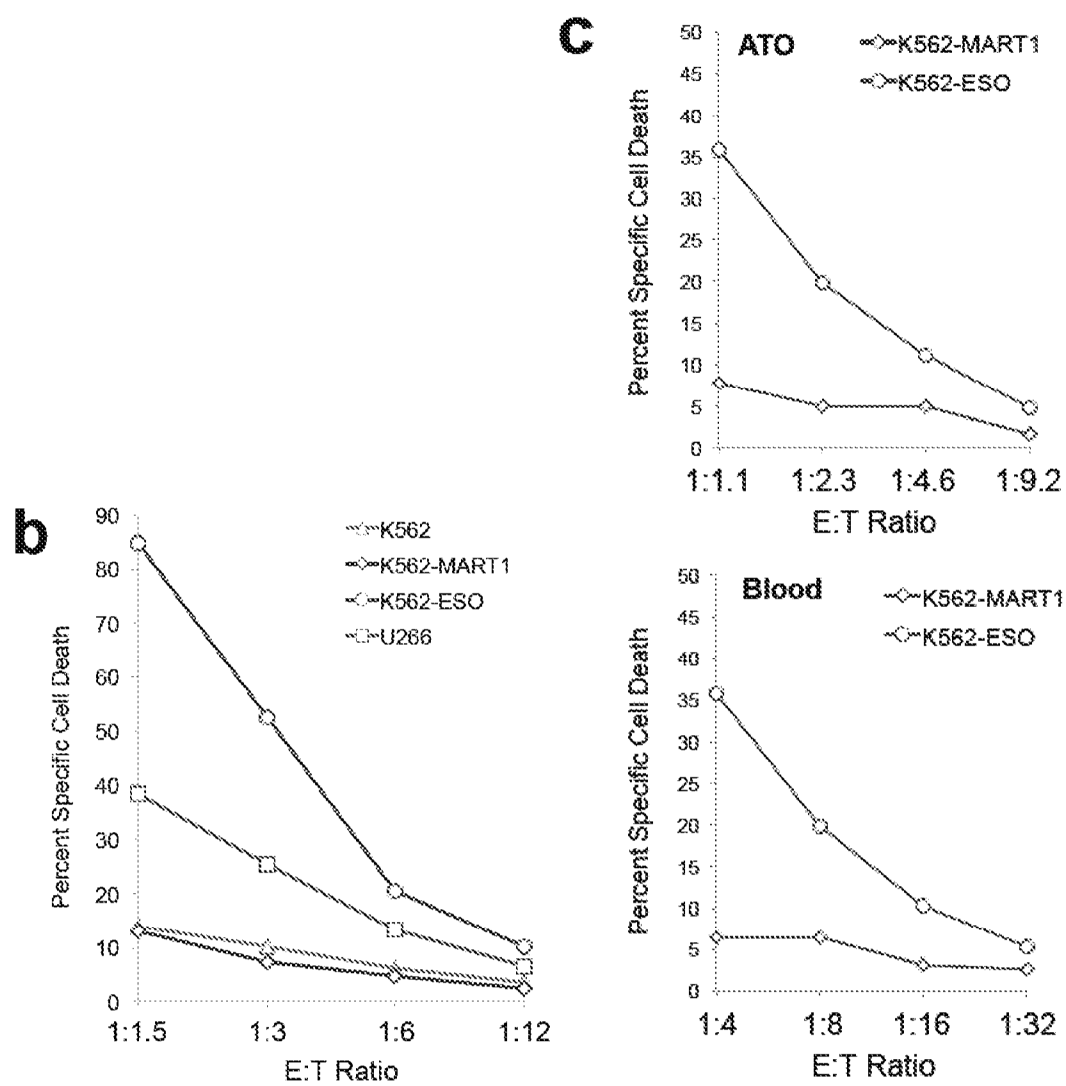


FIG. 18B-C

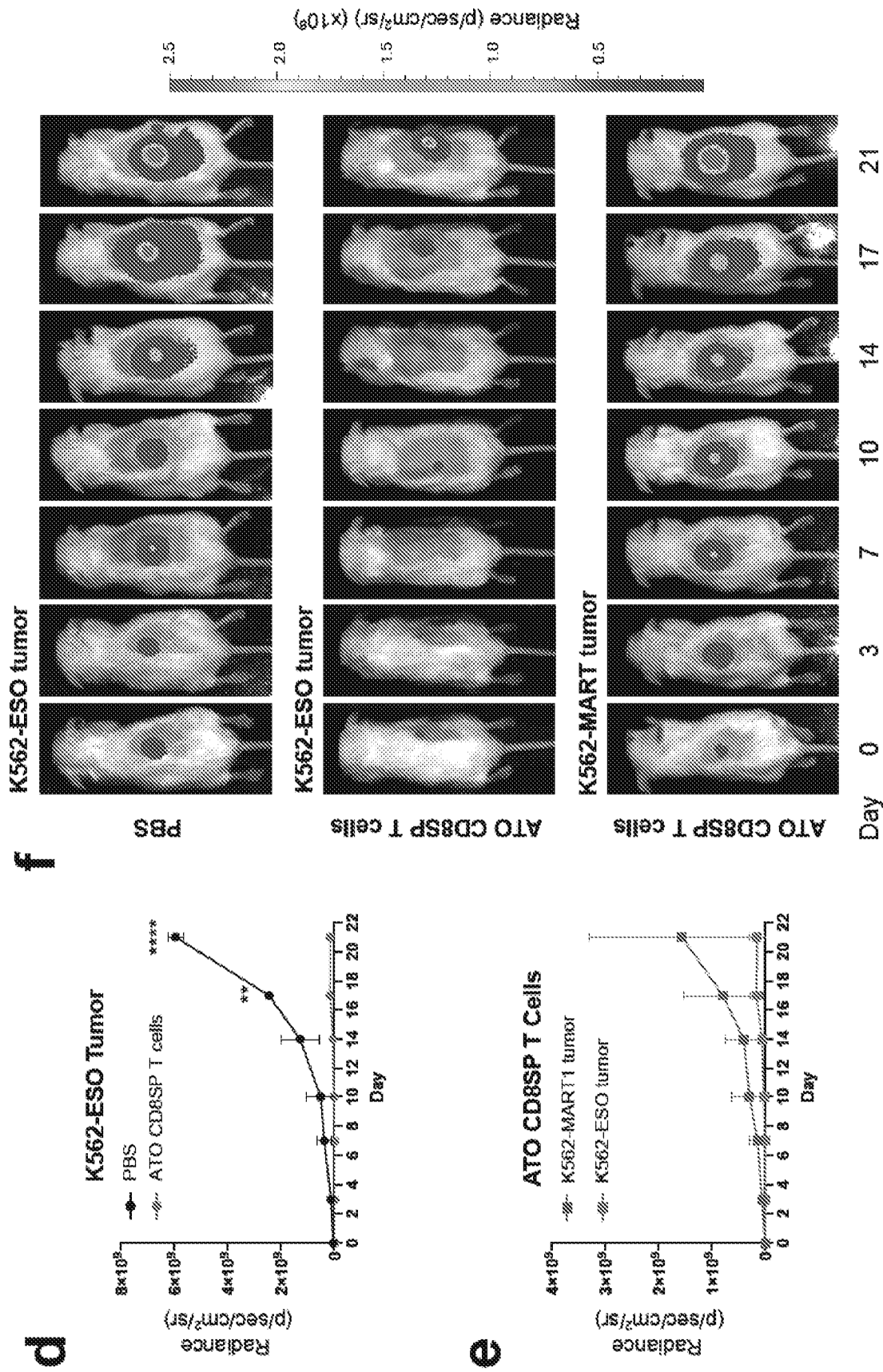
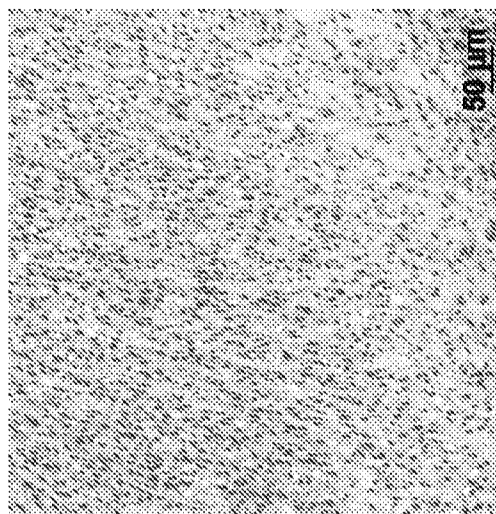
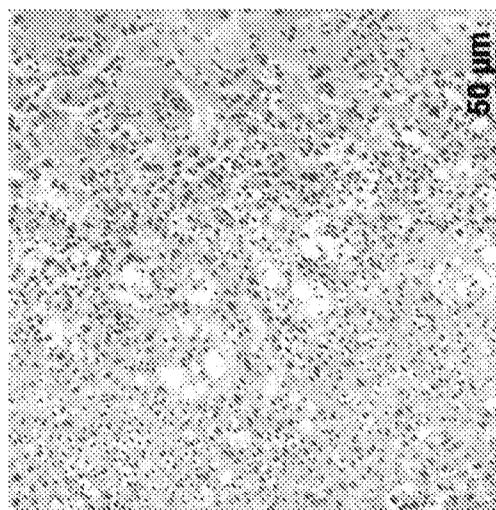


FIG. 18D-F

MS5-hDLL1



MS5 + HSPC



MS5-hDLL1 + HSPC

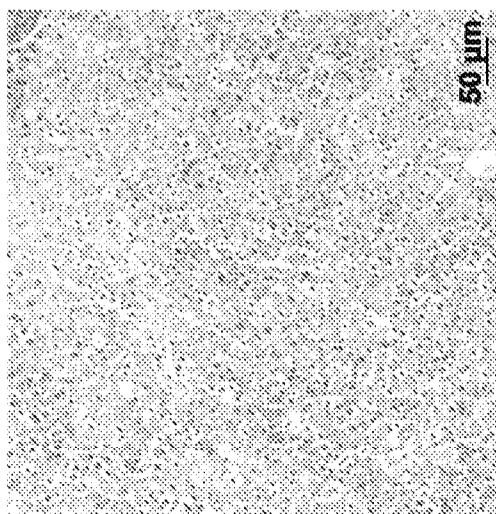
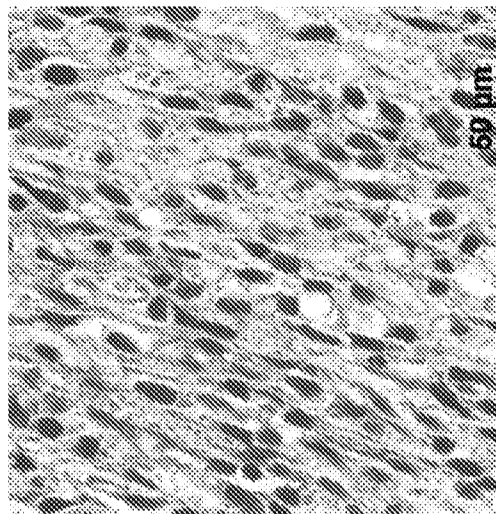
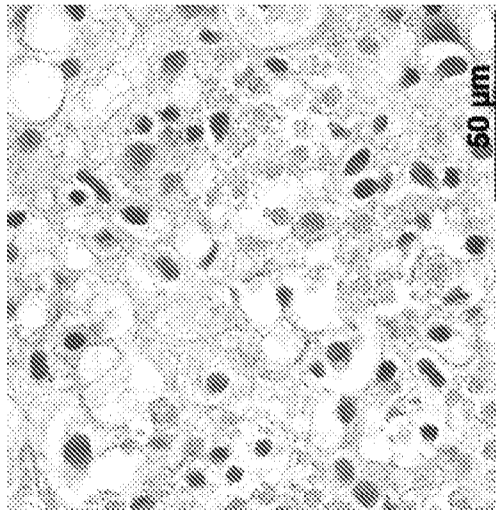
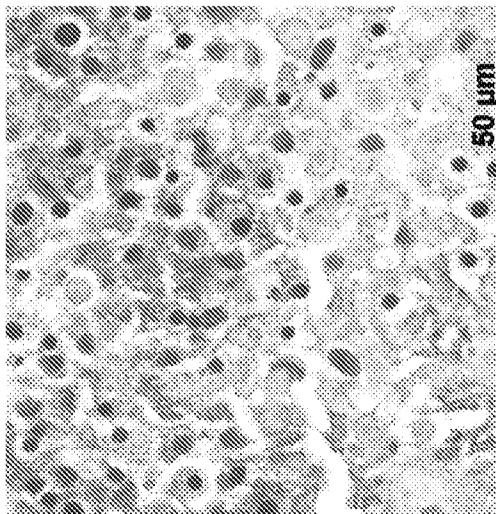


FIG. 19

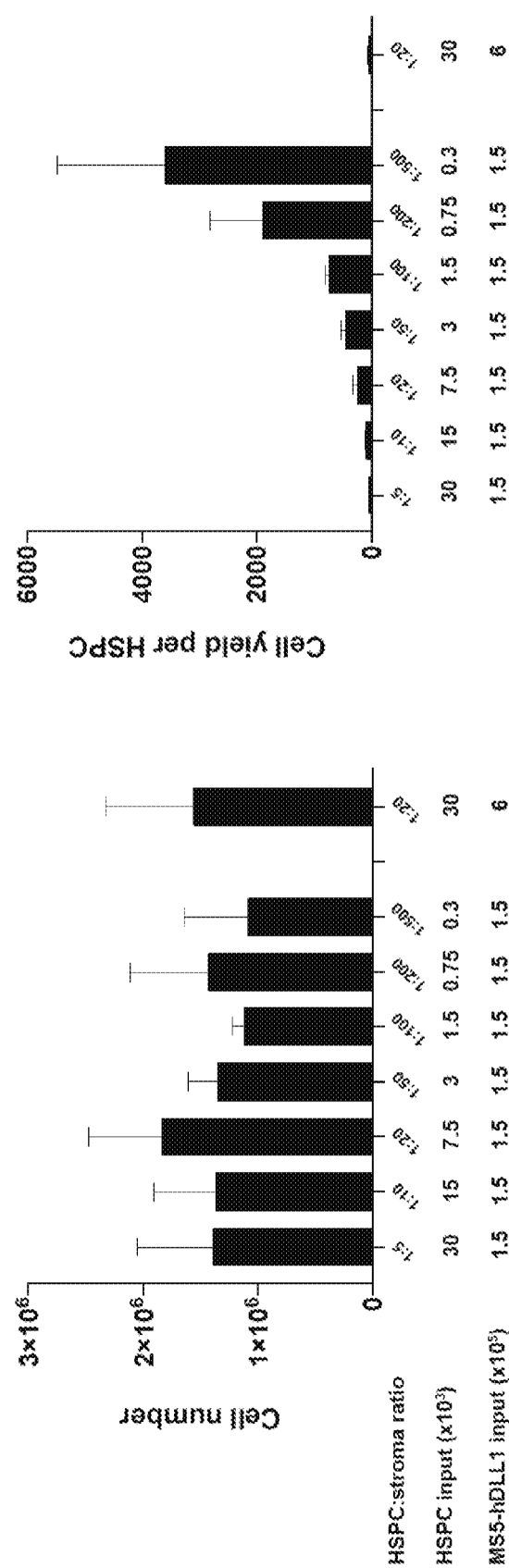


FIG. 20A

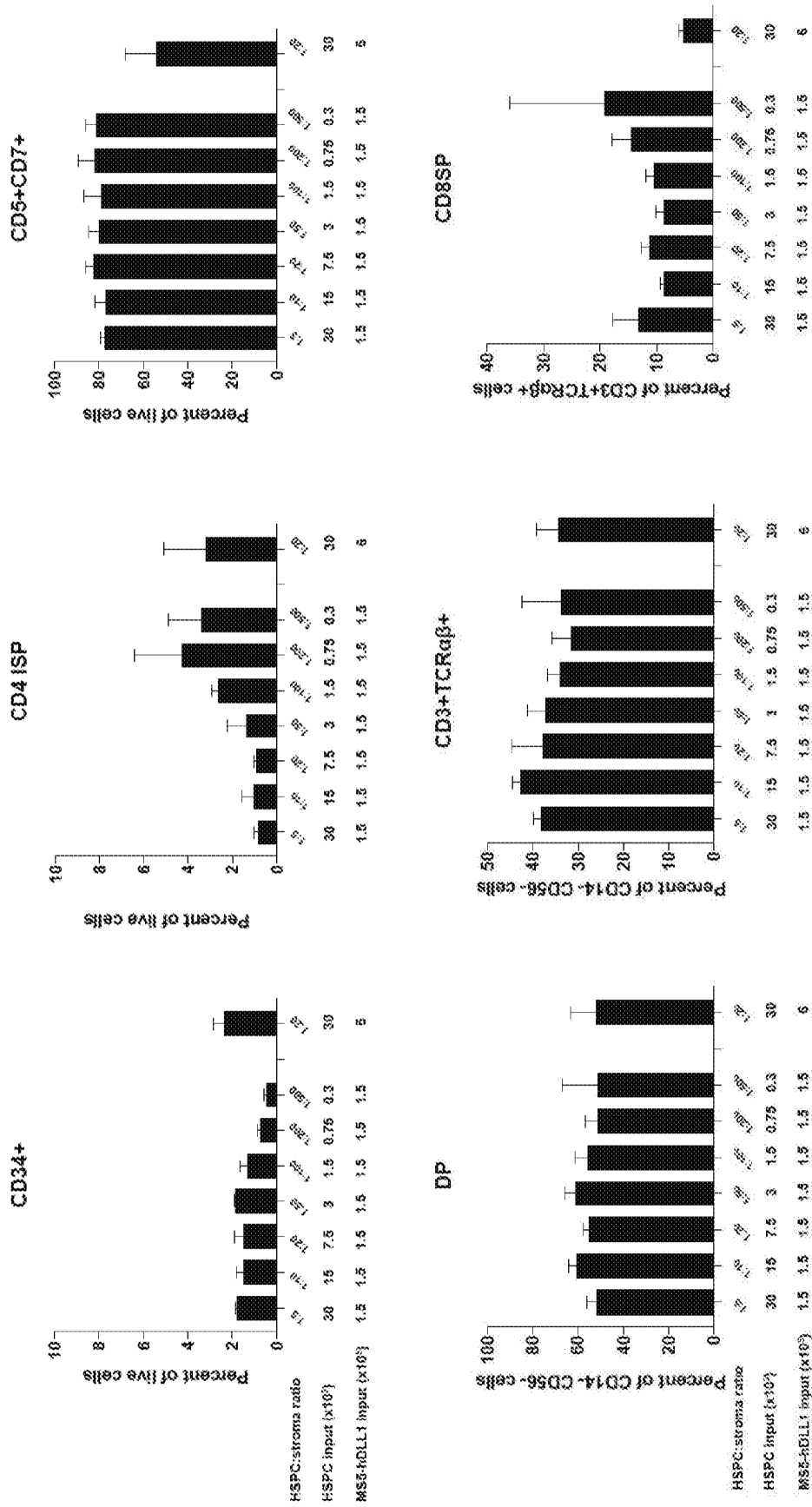


FIG. 20B

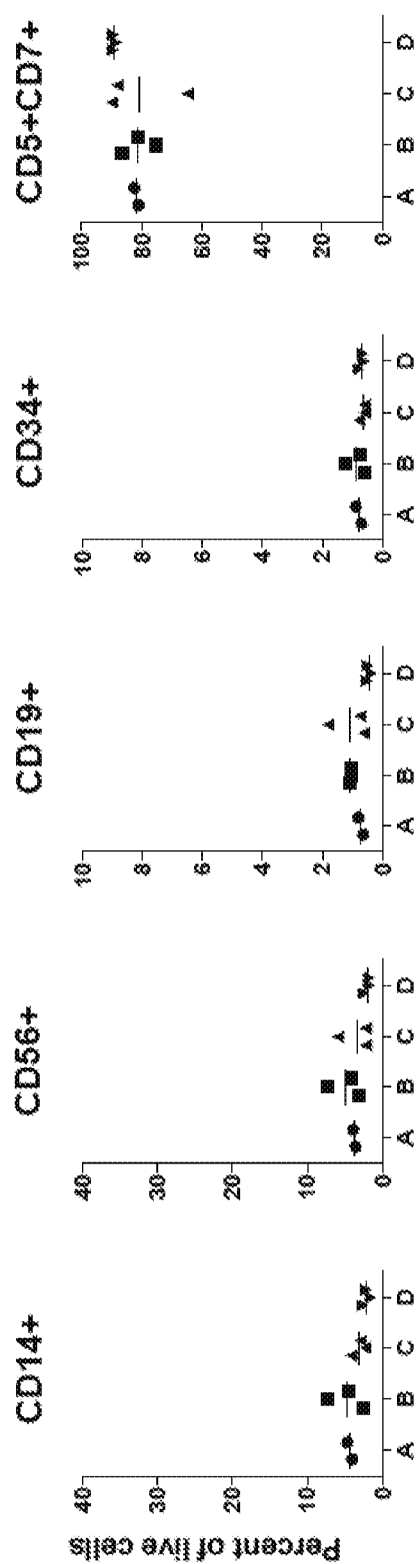
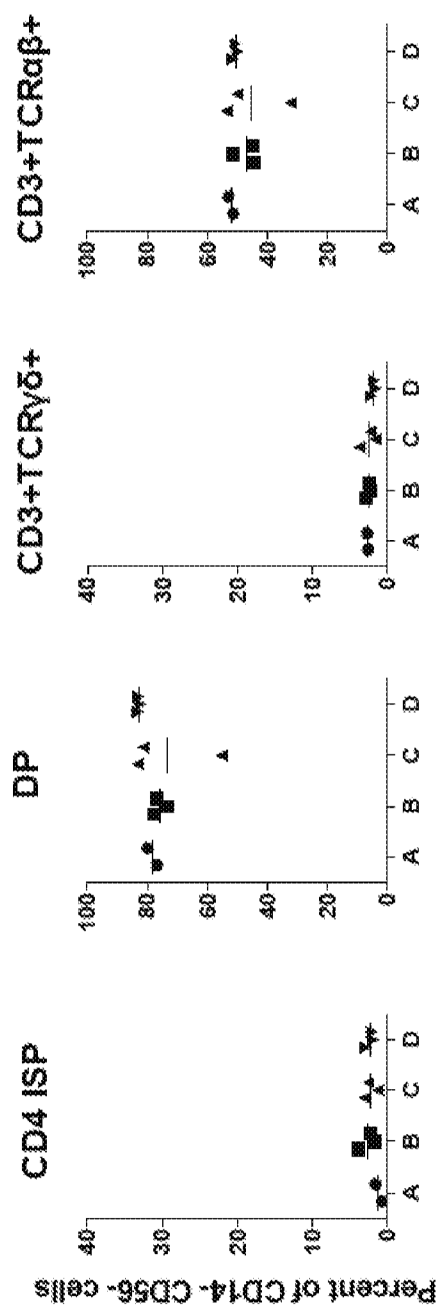
**a****b**

FIG. 21A-B



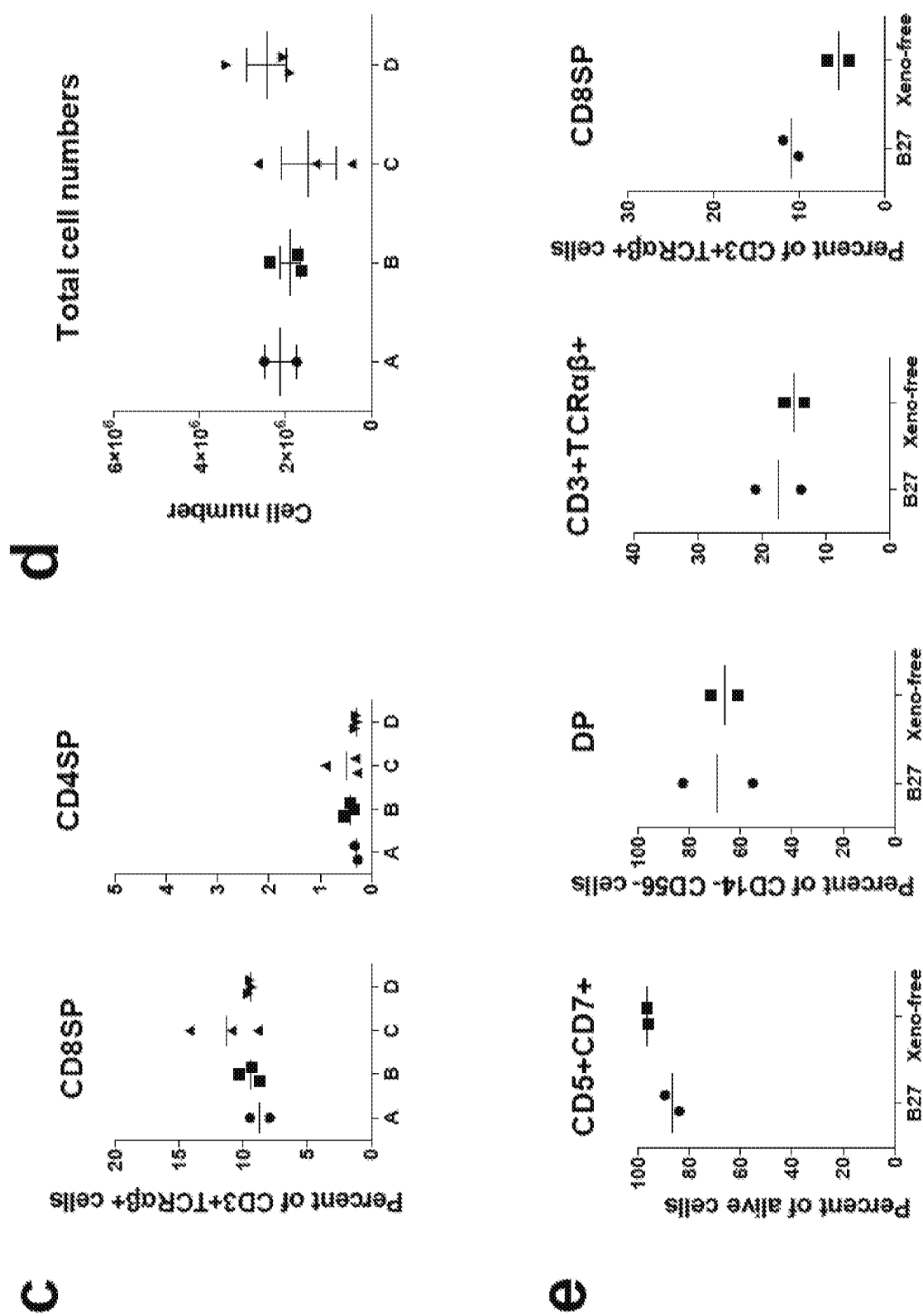


FIG. 21C-E

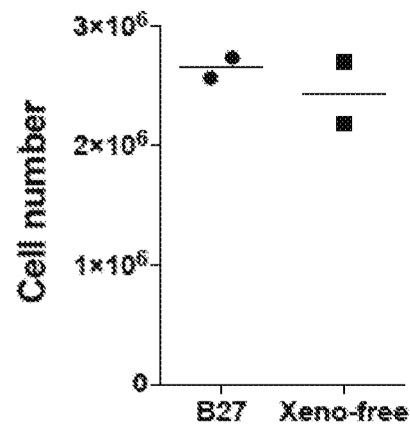
**f****Total cell numbers**

FIG. 21F

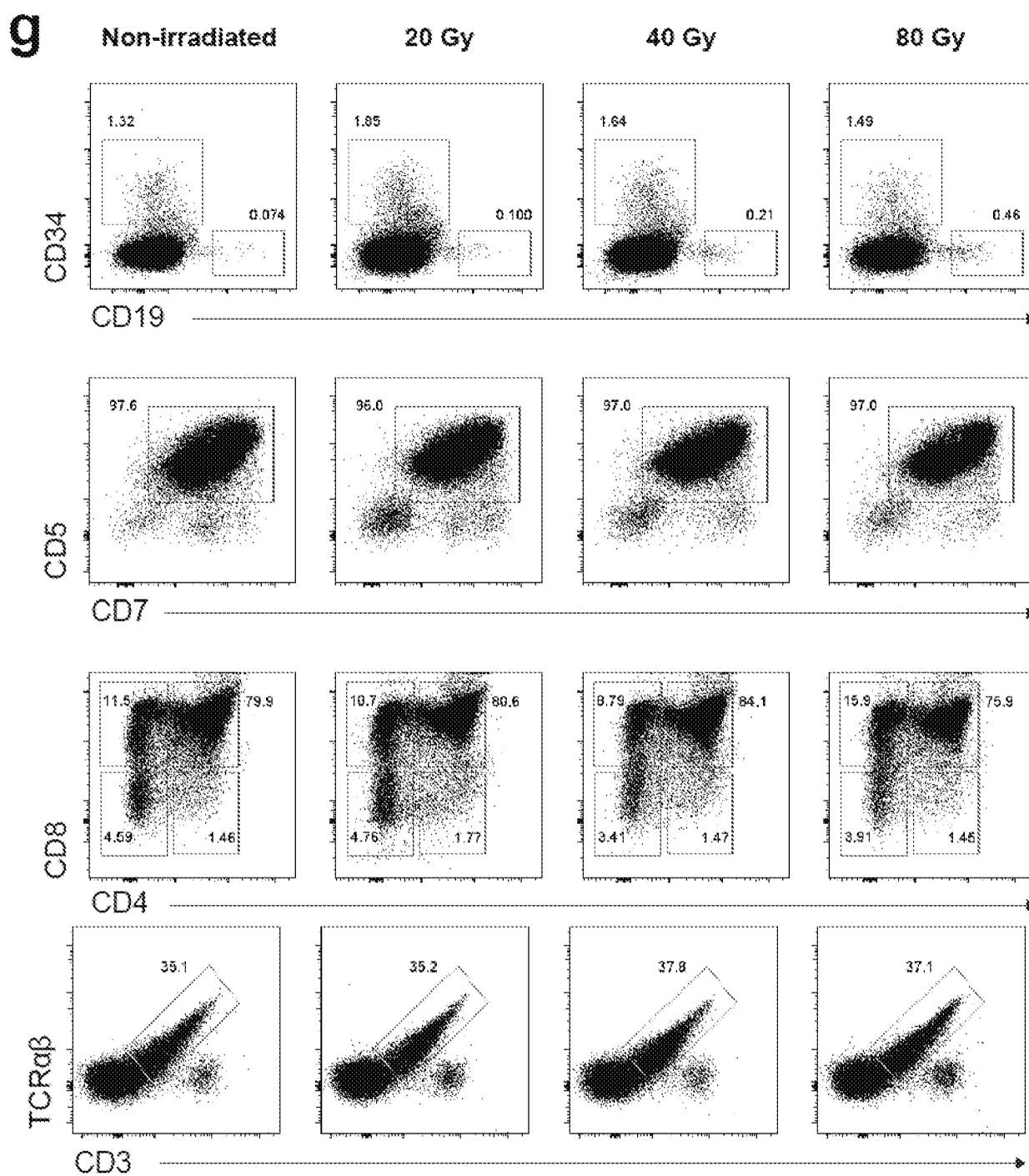


FIG. 2IG

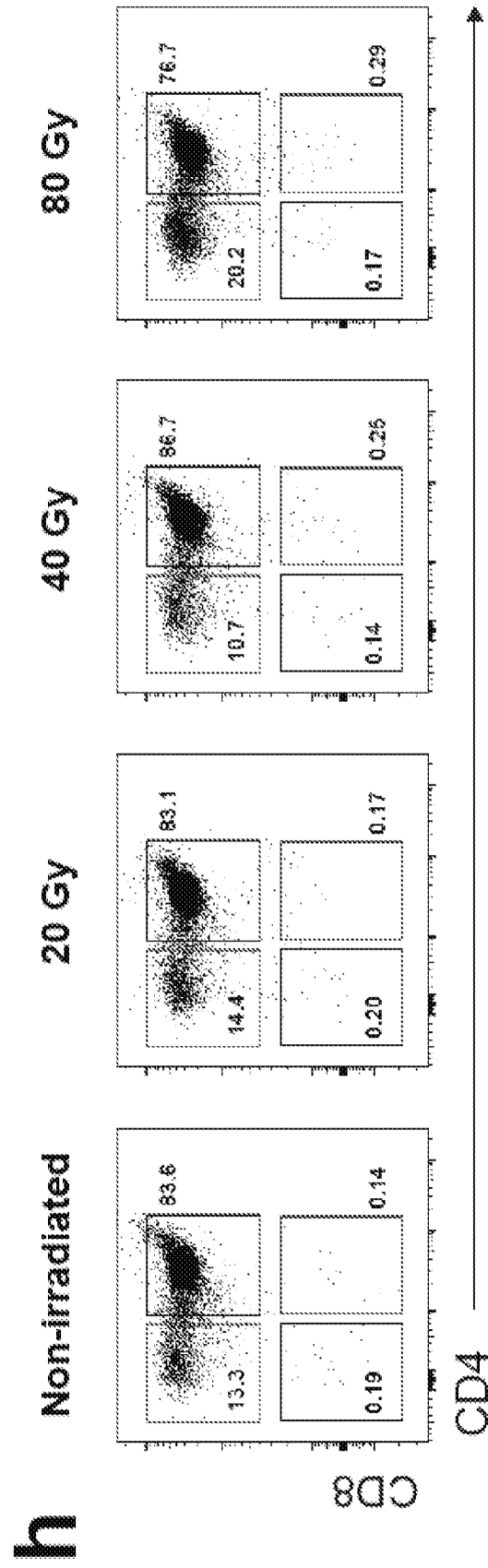


FIG. 21H

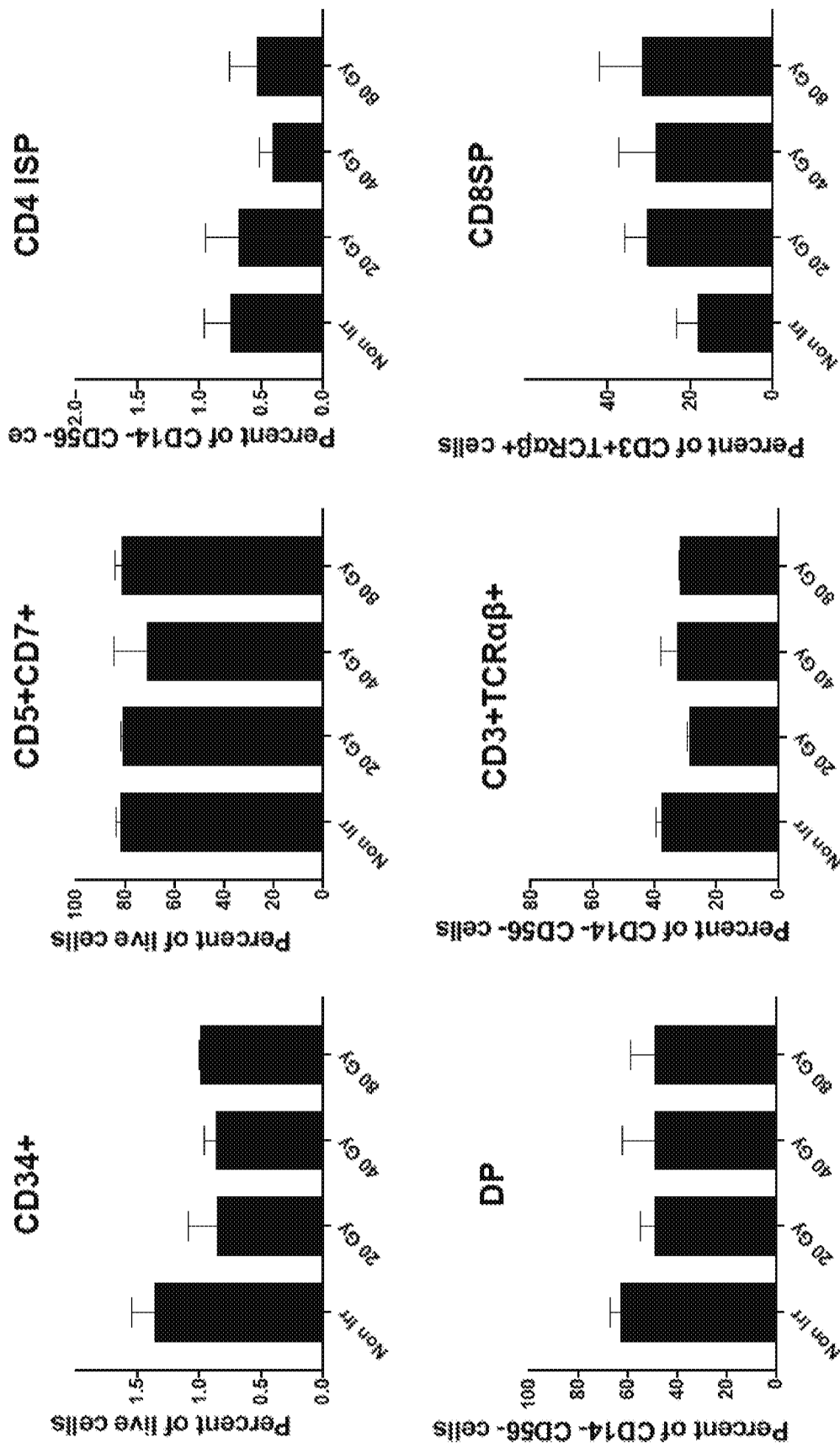


FIG. 211

**k**

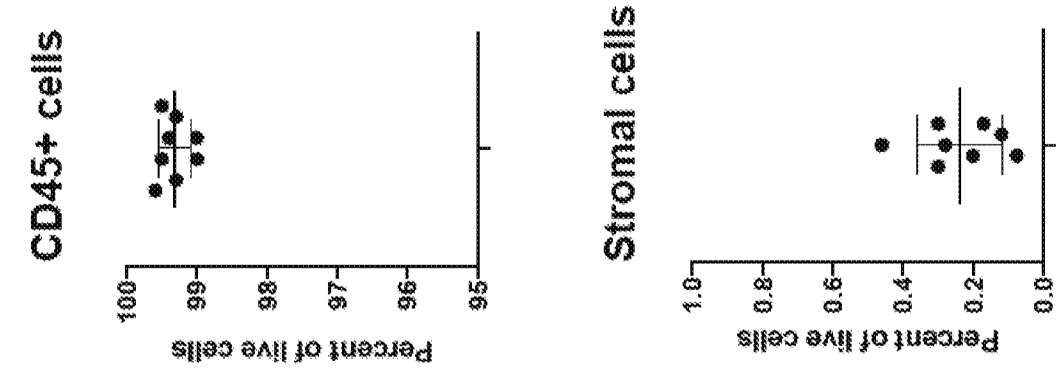
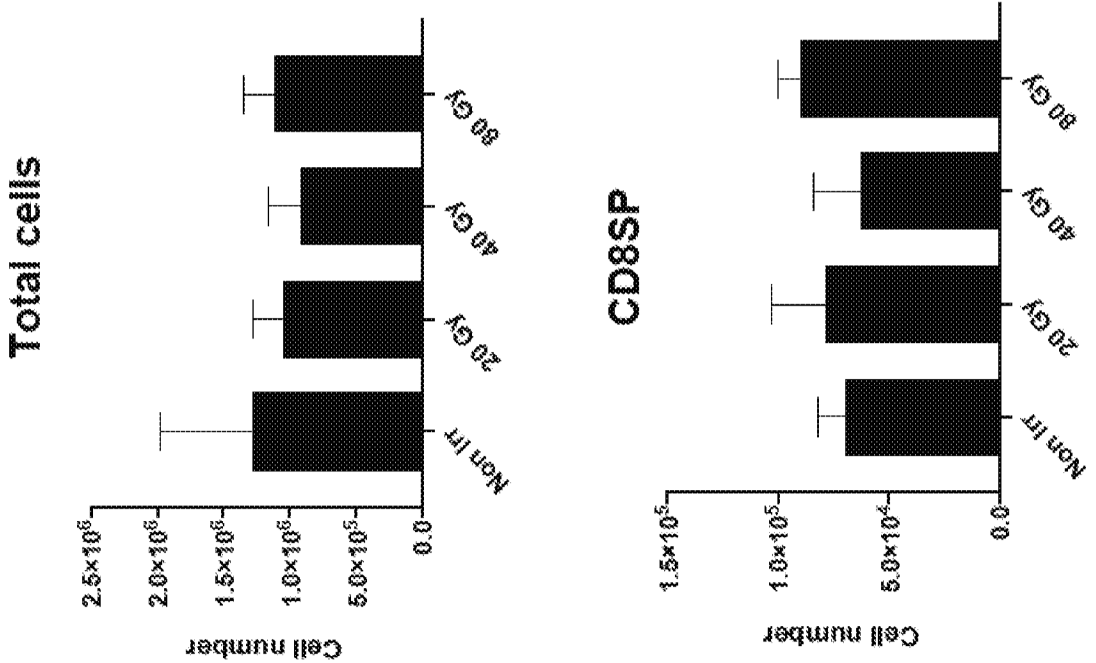


FIG. 2IJ-K

**j**



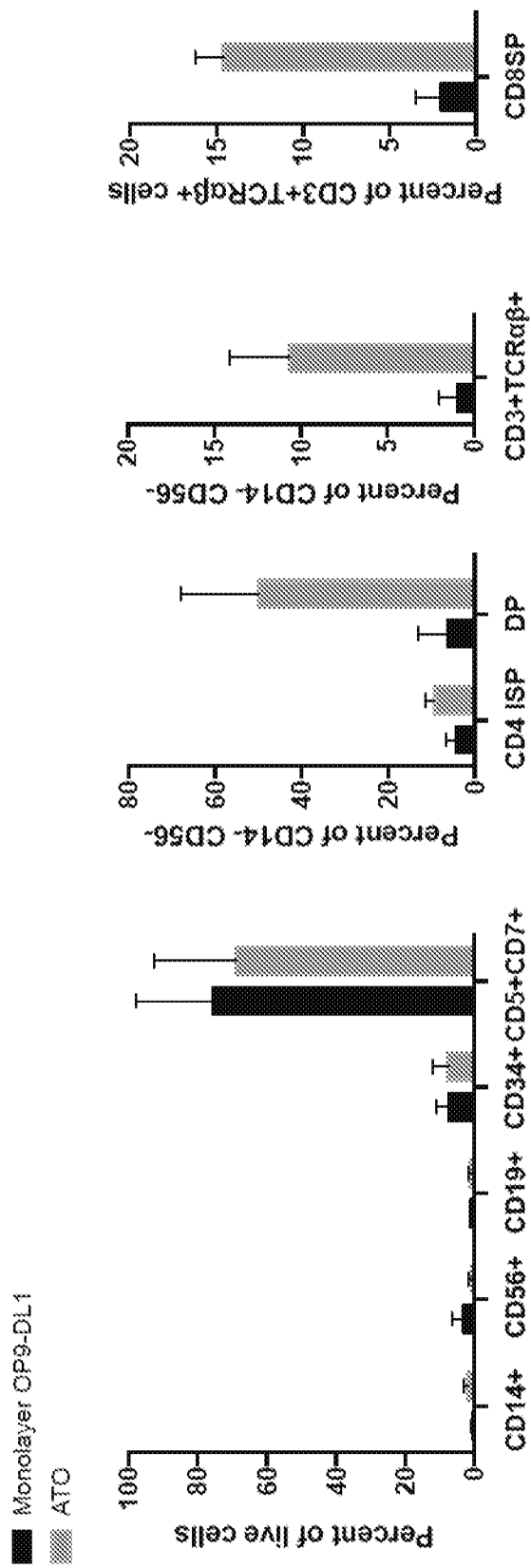


FIG. 22

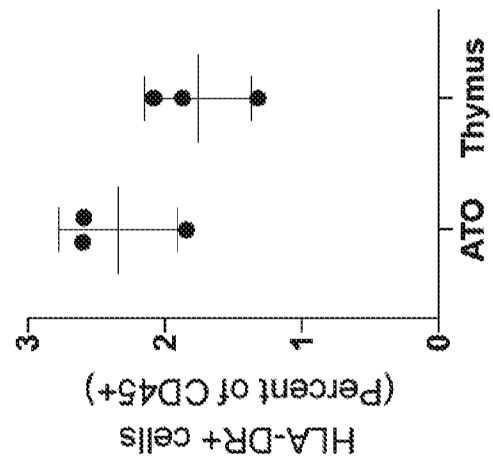


FIG. 23A

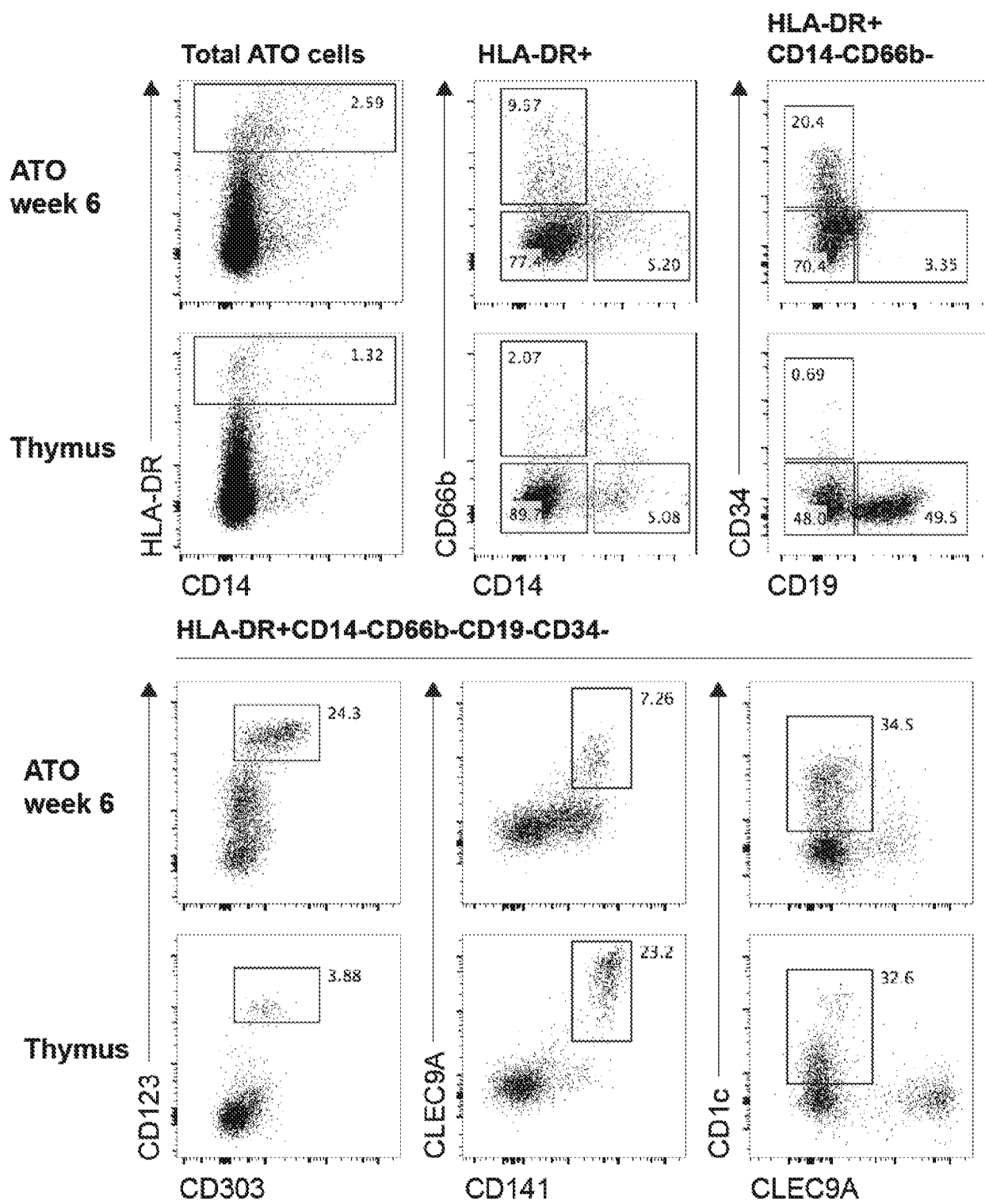


FIG. 23B



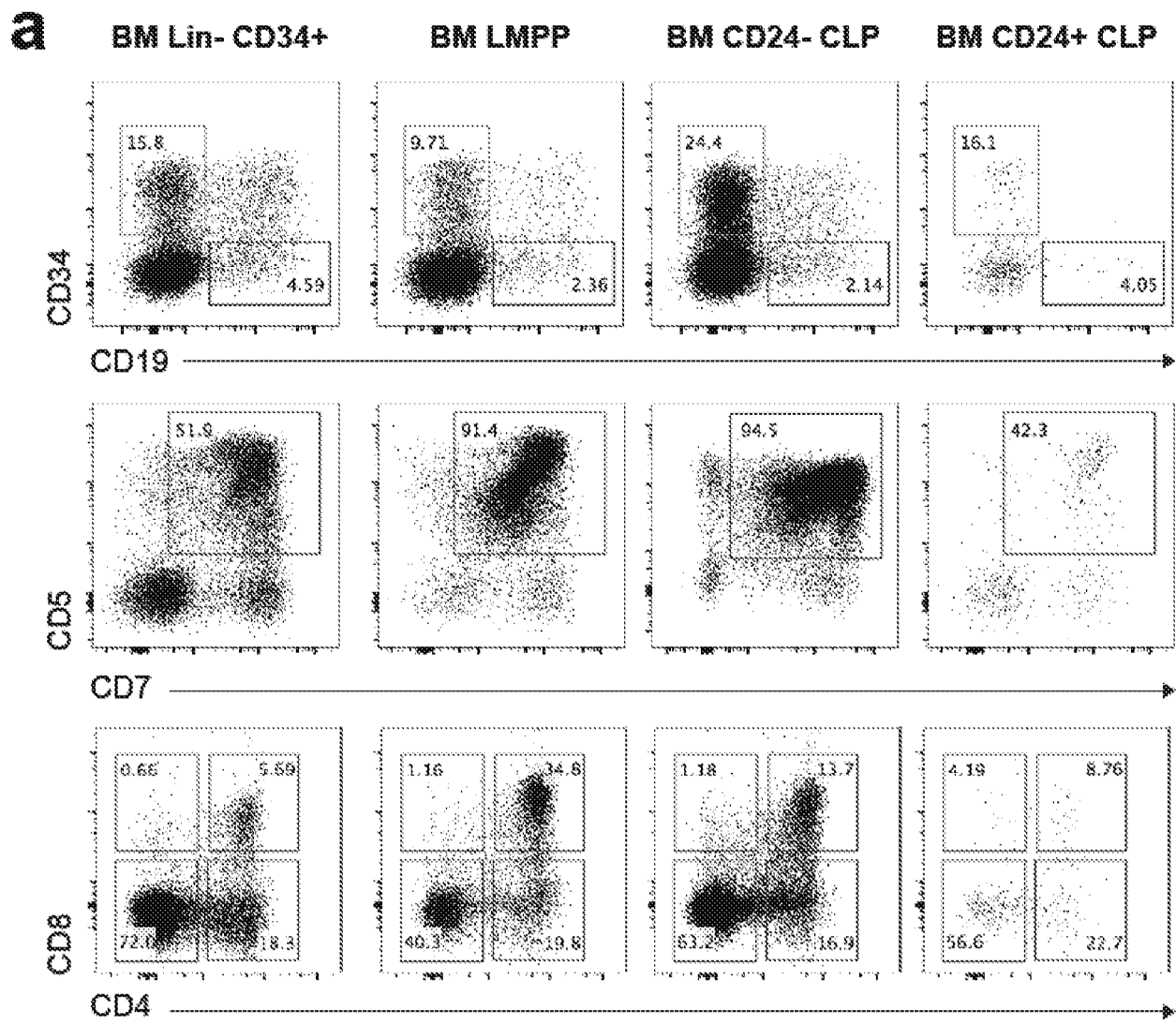
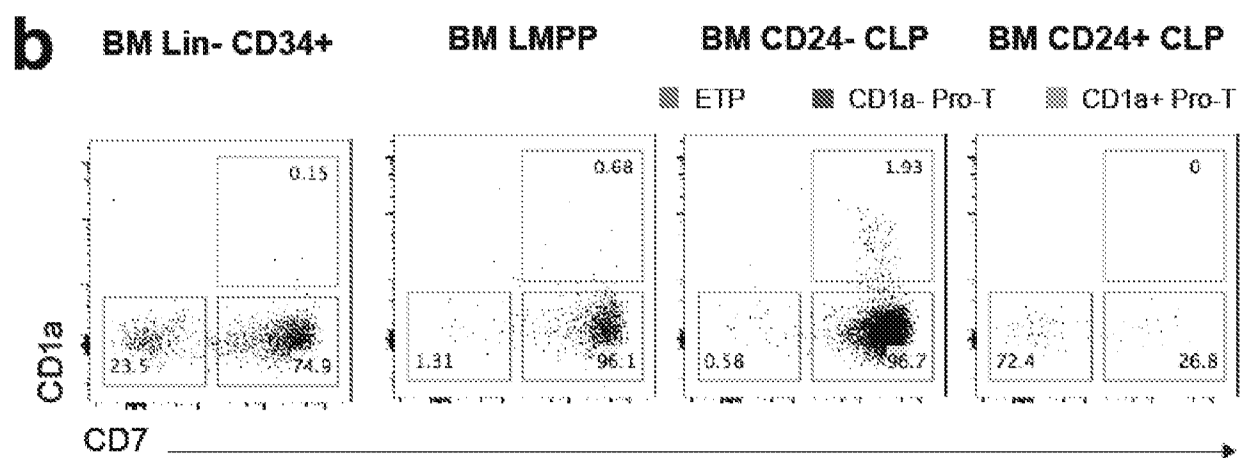


FIG. 24A-B

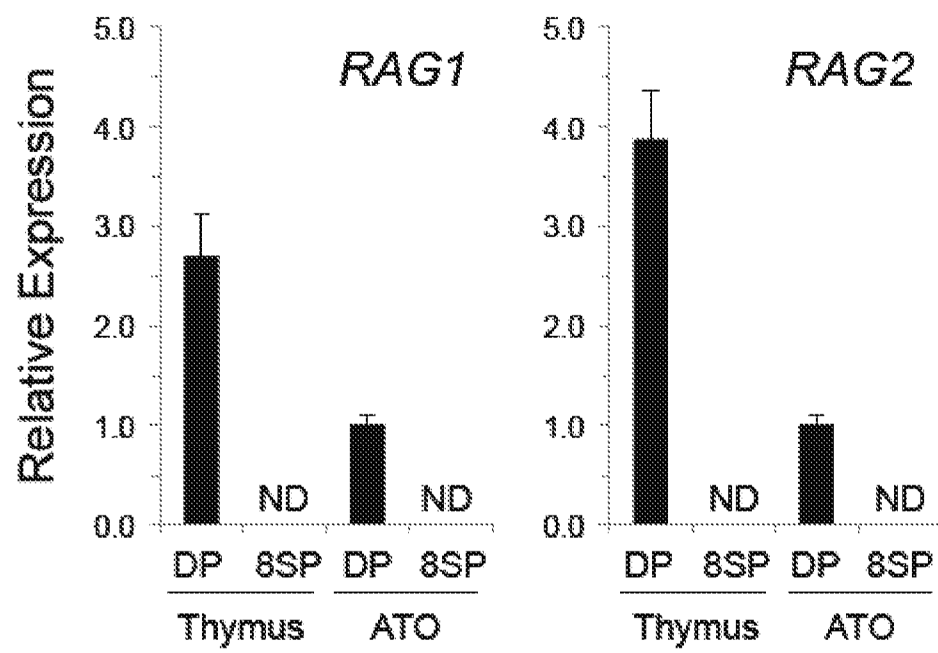


FIG. 25A

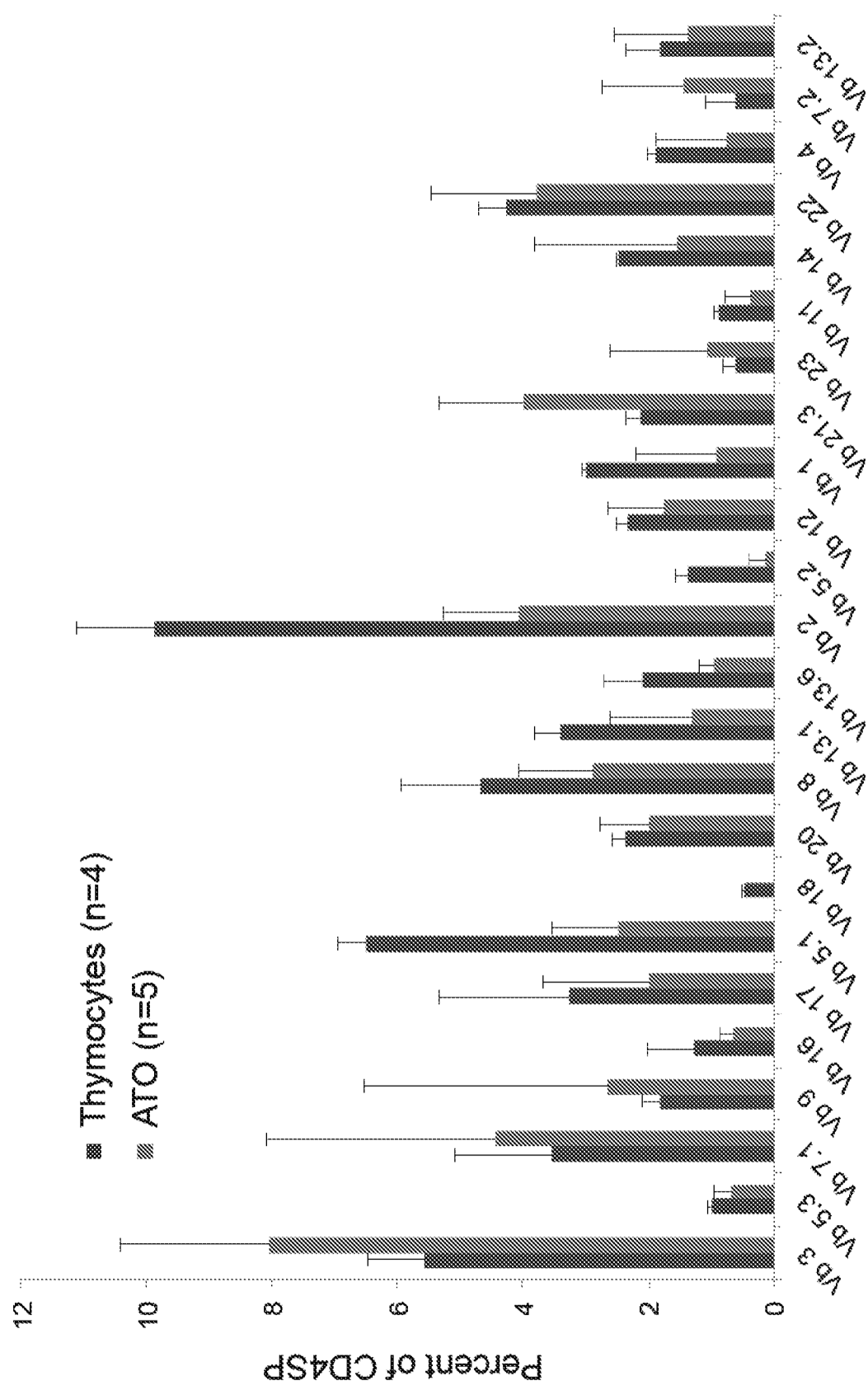
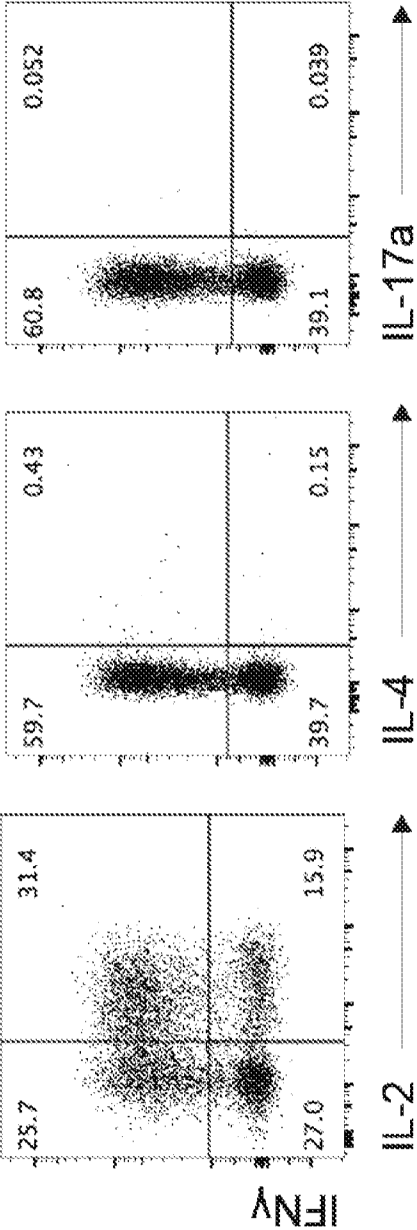


FIG. 25B

**c**



**d**

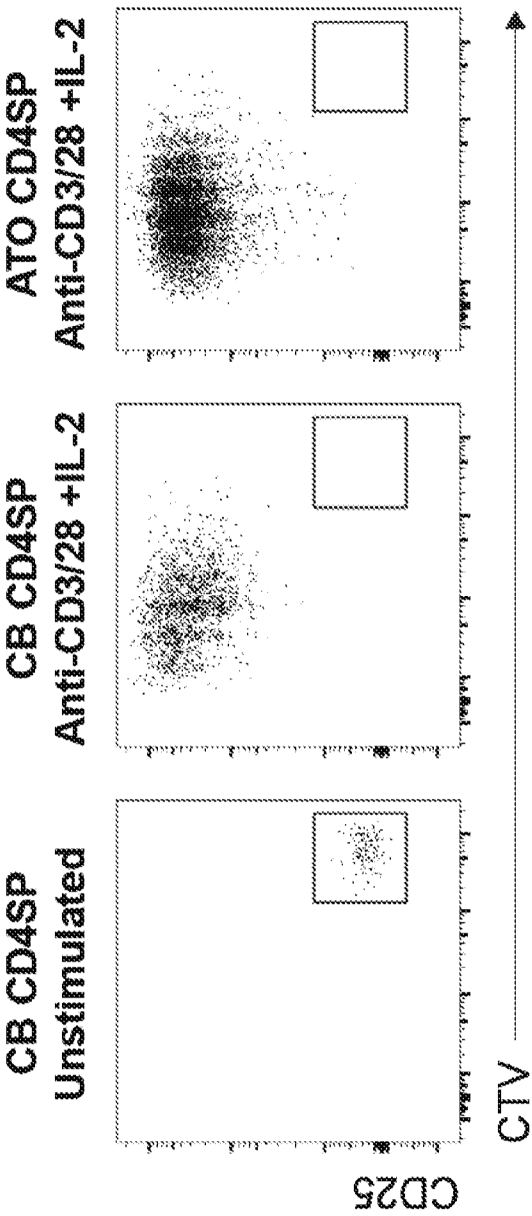


FIG. 25C-D

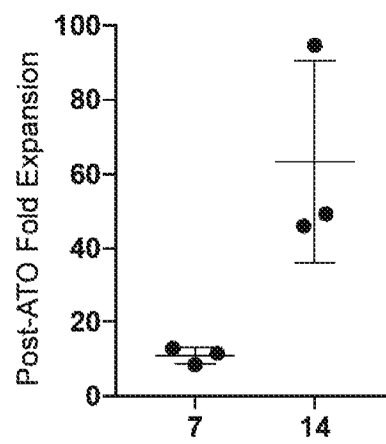


FIG. 25E

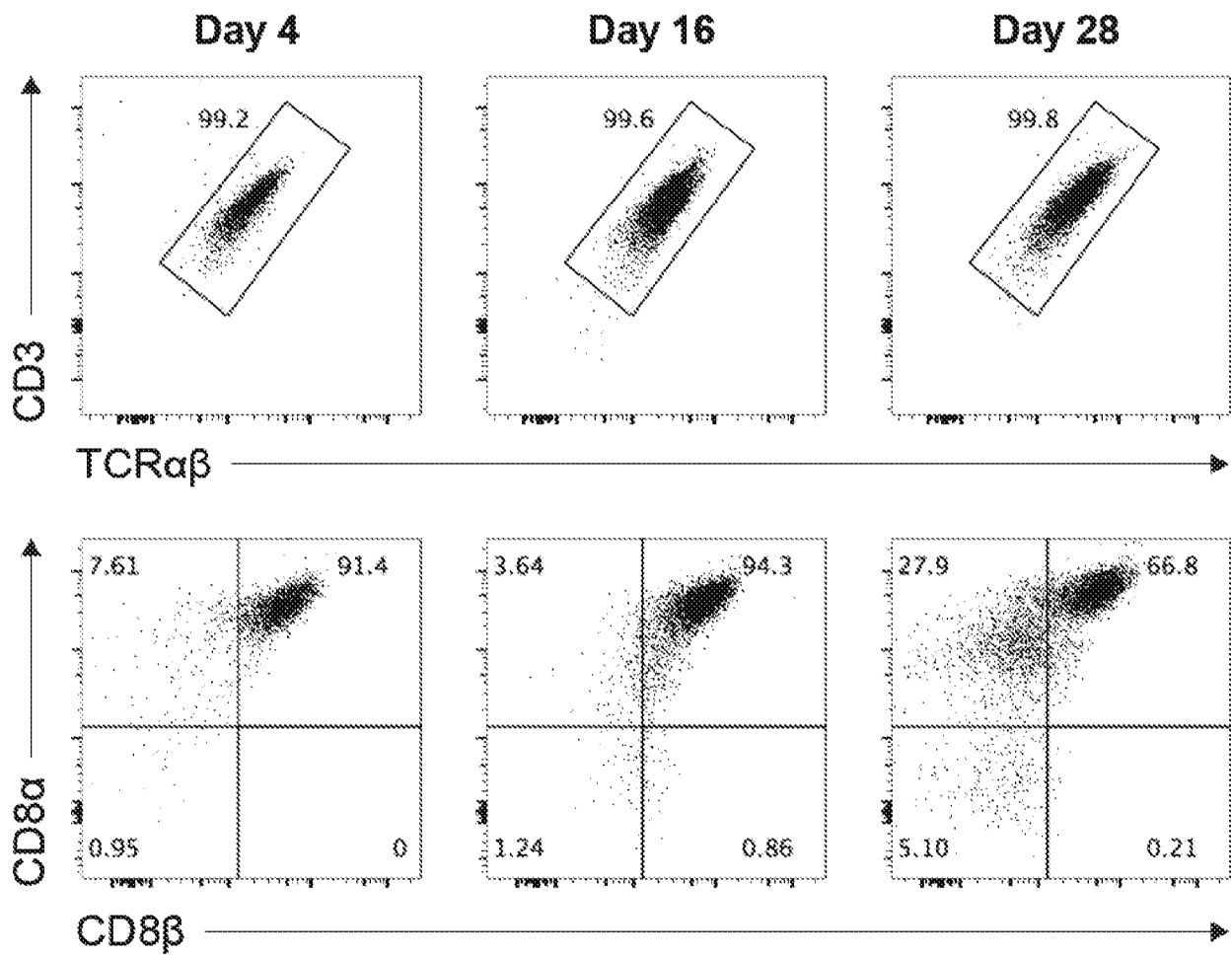


FIG. 26A

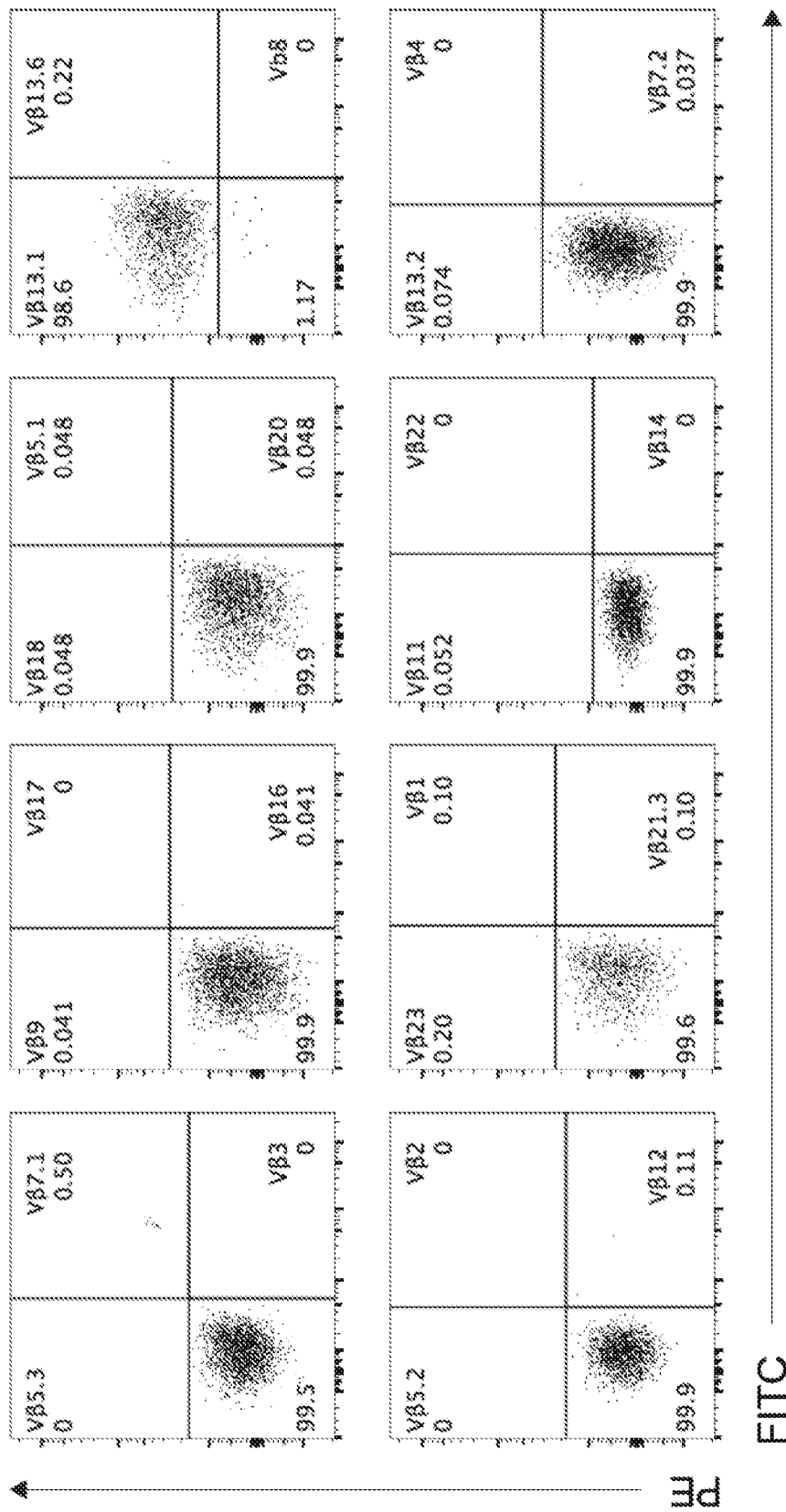


FIG. 26B

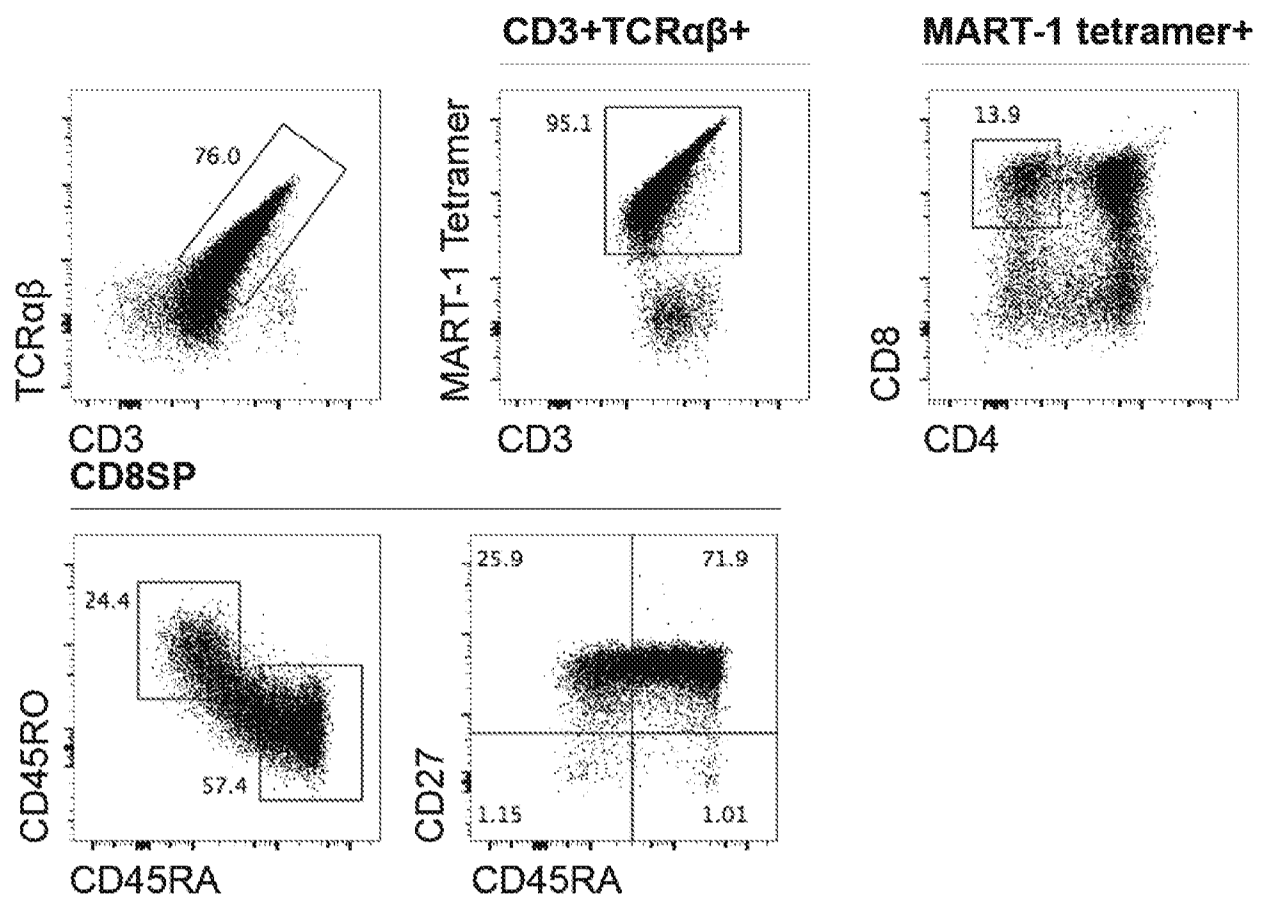


FIG. 26C

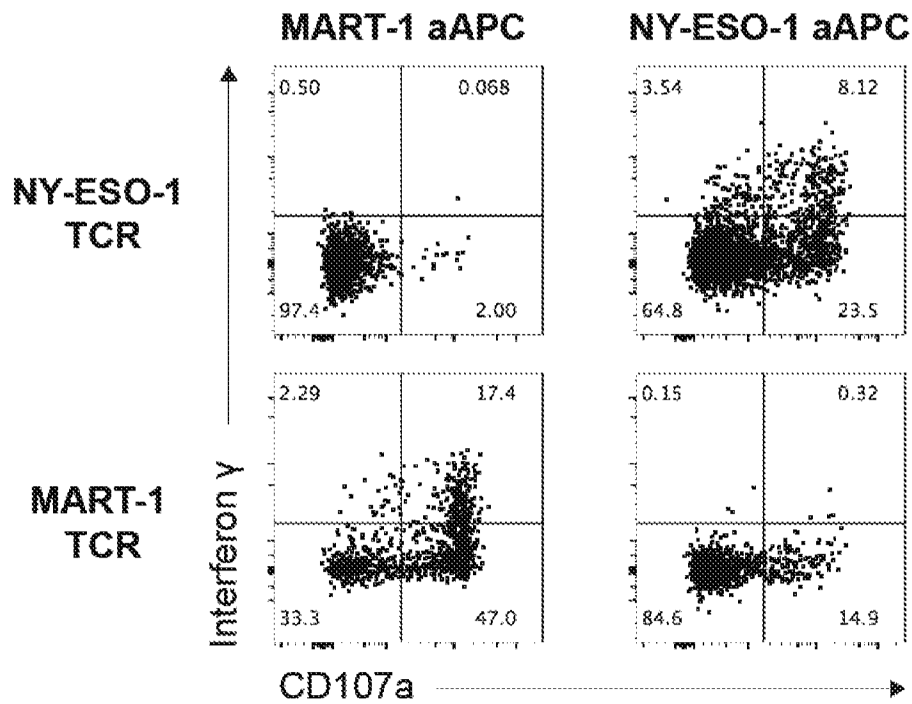


FIG. 26D

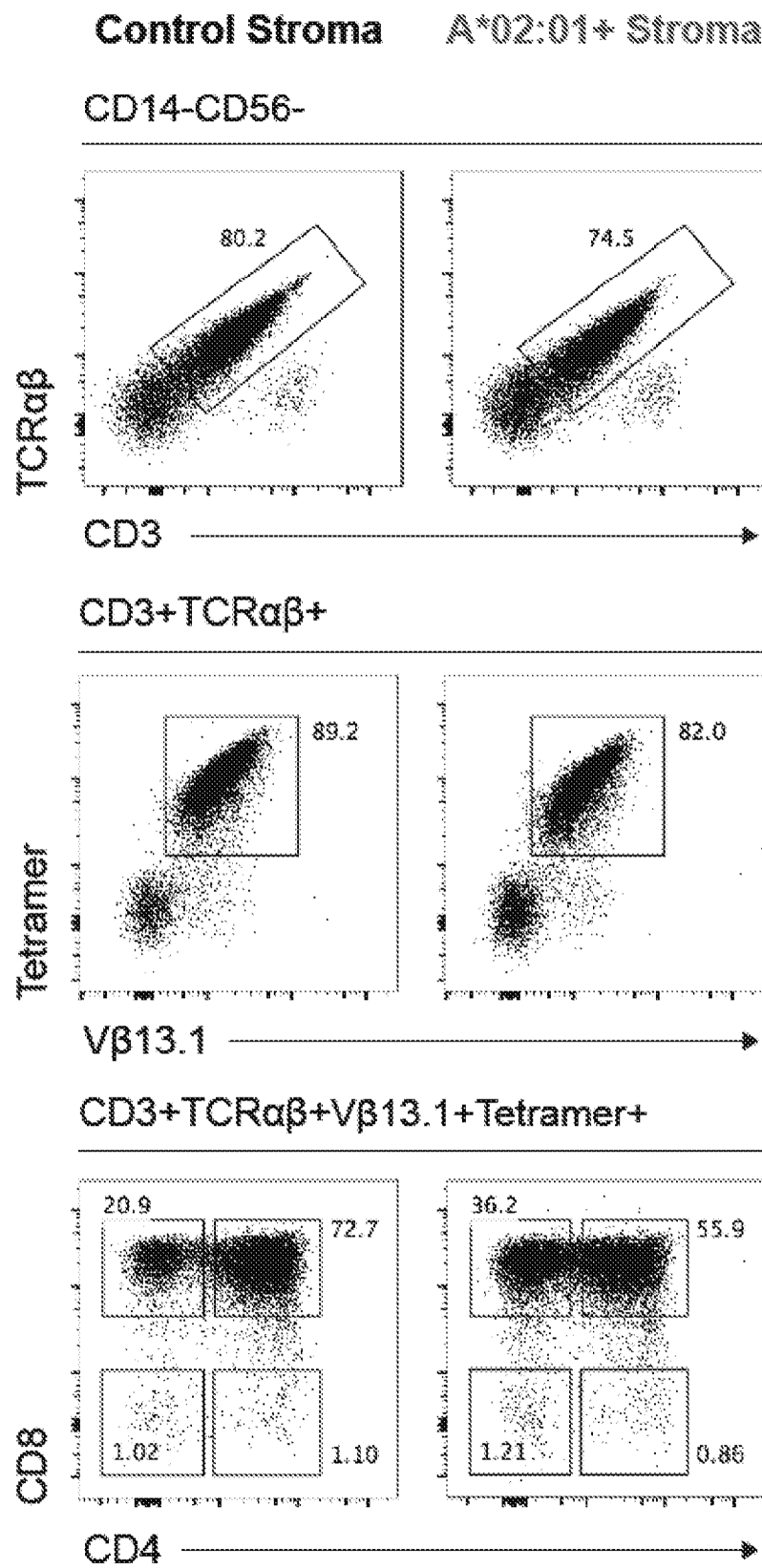


FIG. 27A



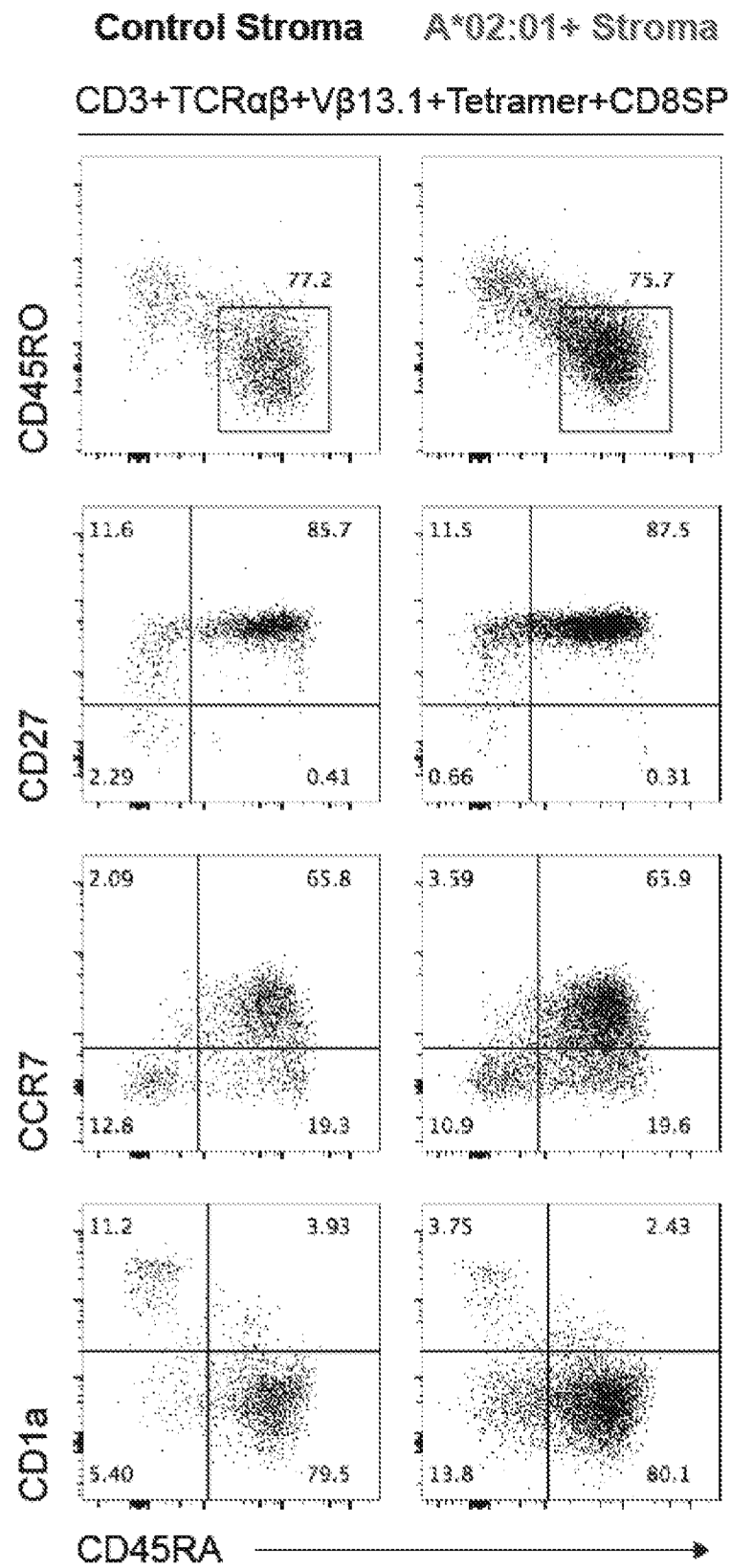


FIG. 27B

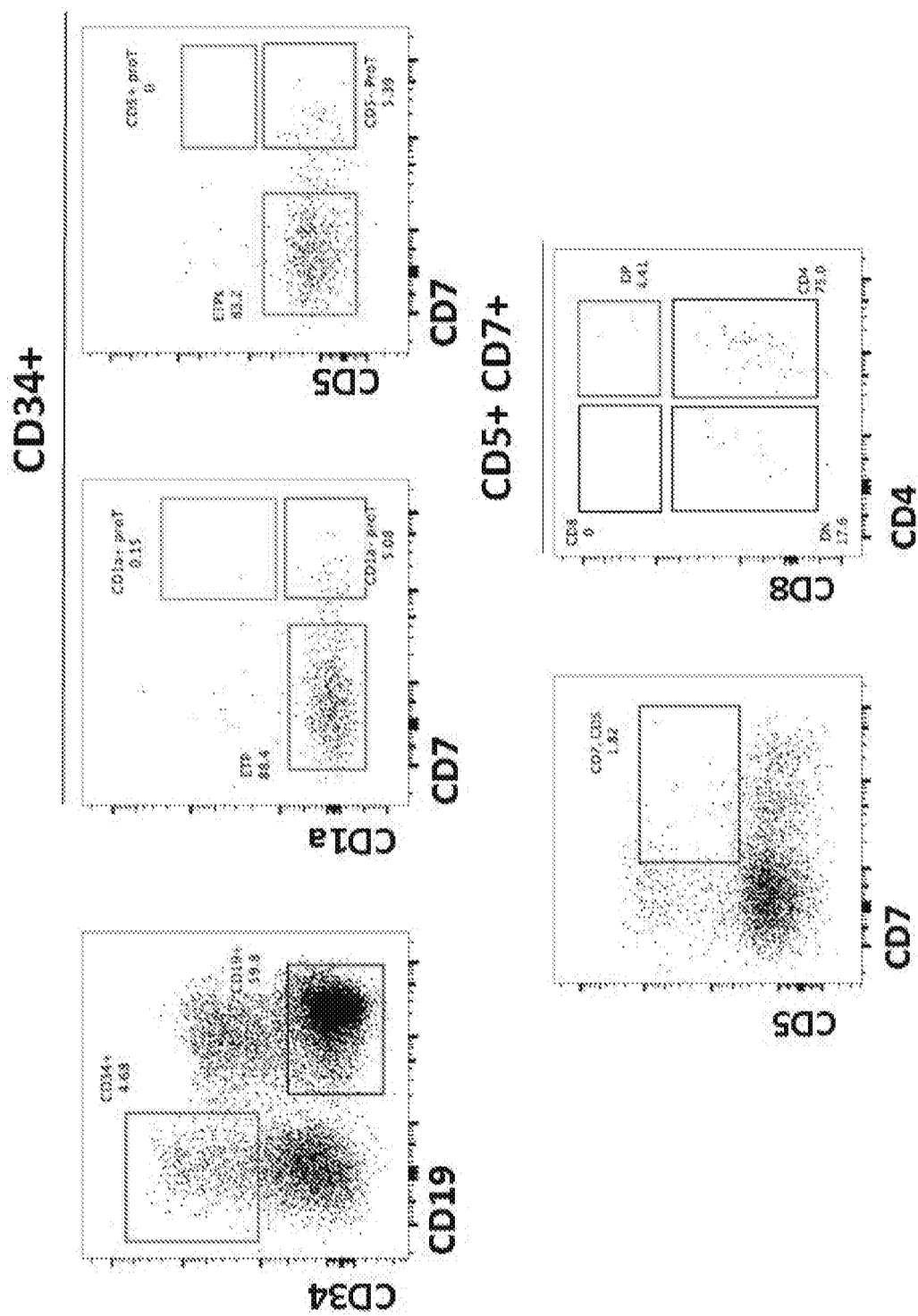


FIG. 28A

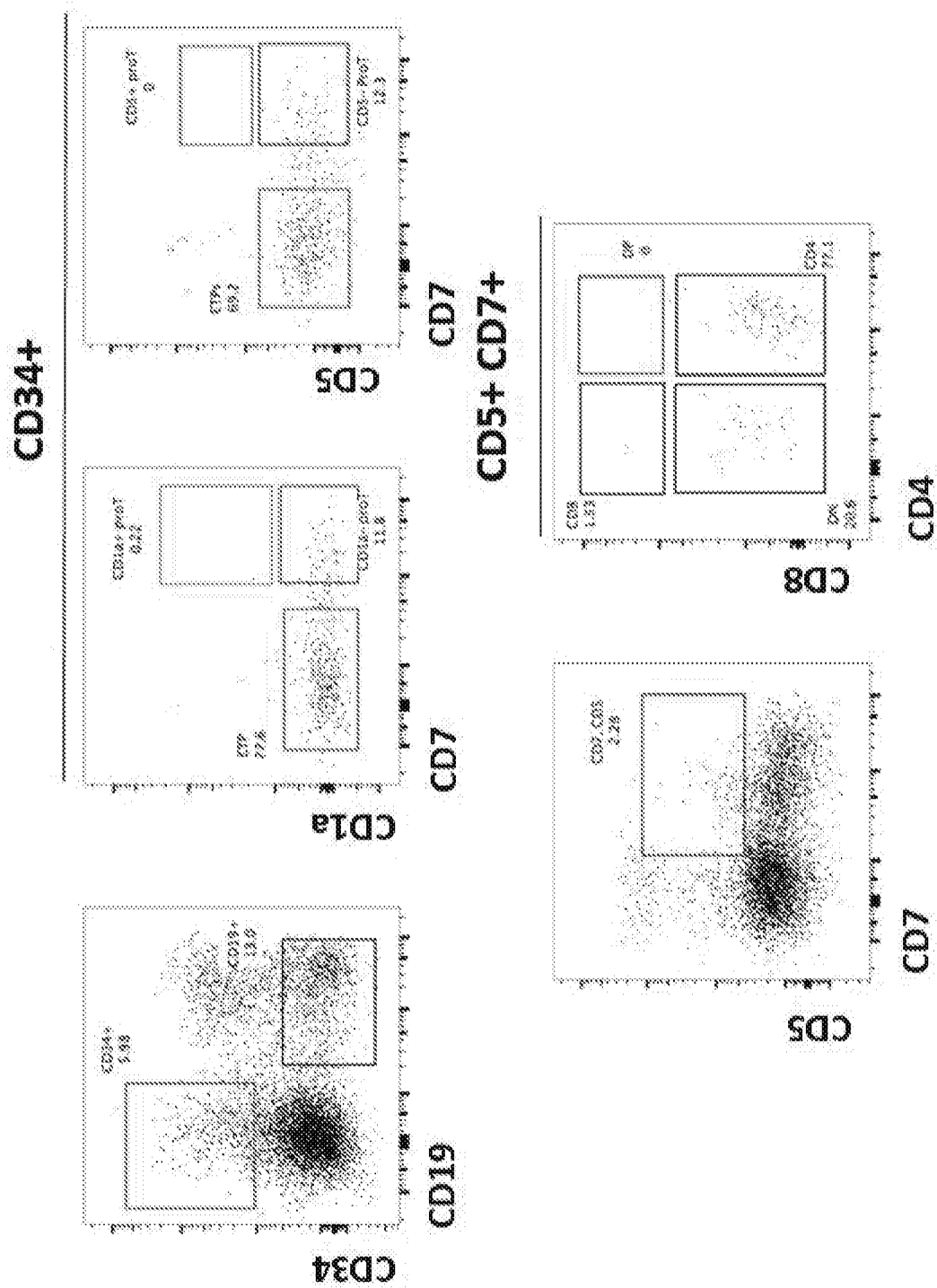


FIG. 28B

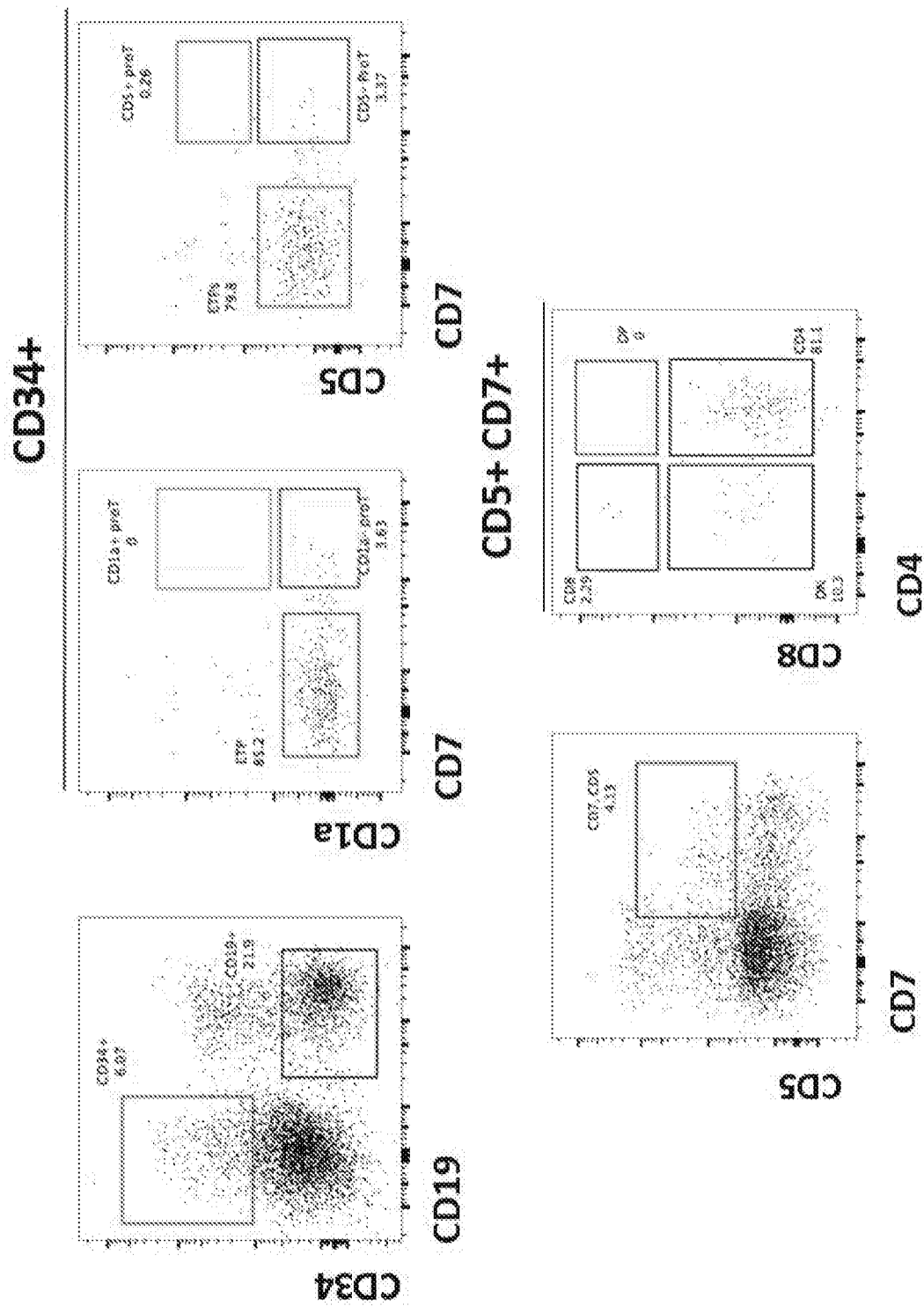


FIG. 28C

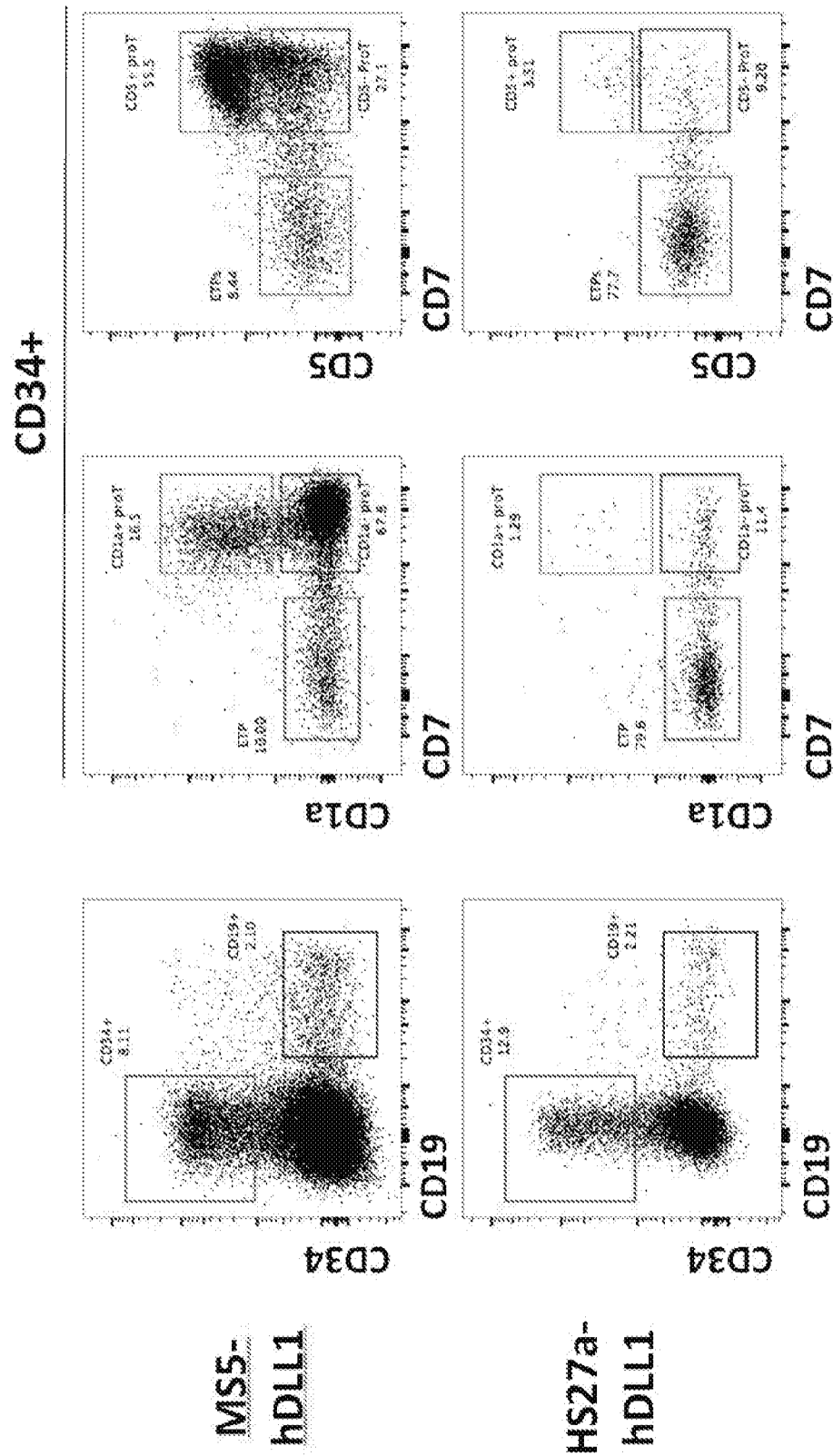


FIG. 29A

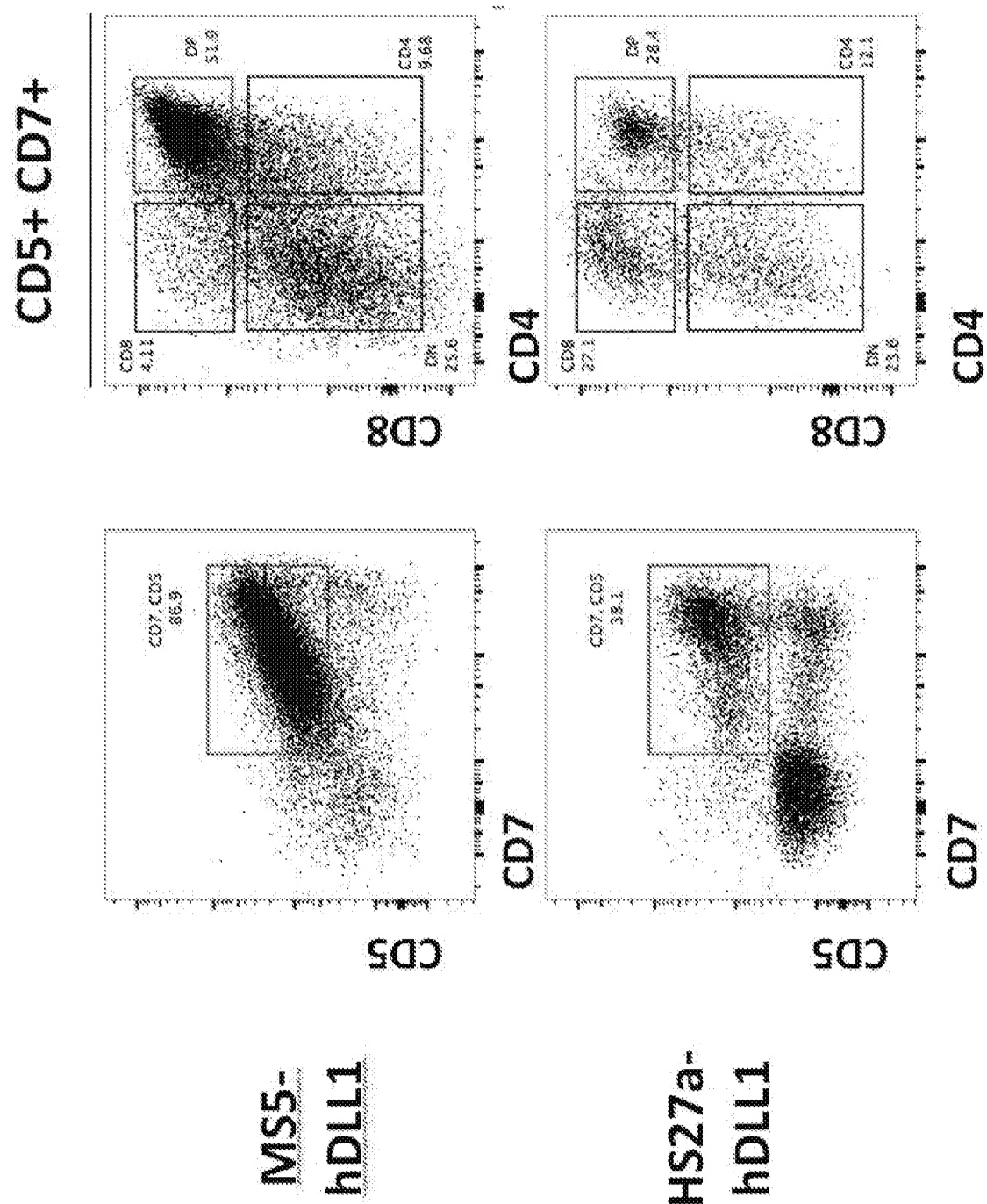


FIG. 29B

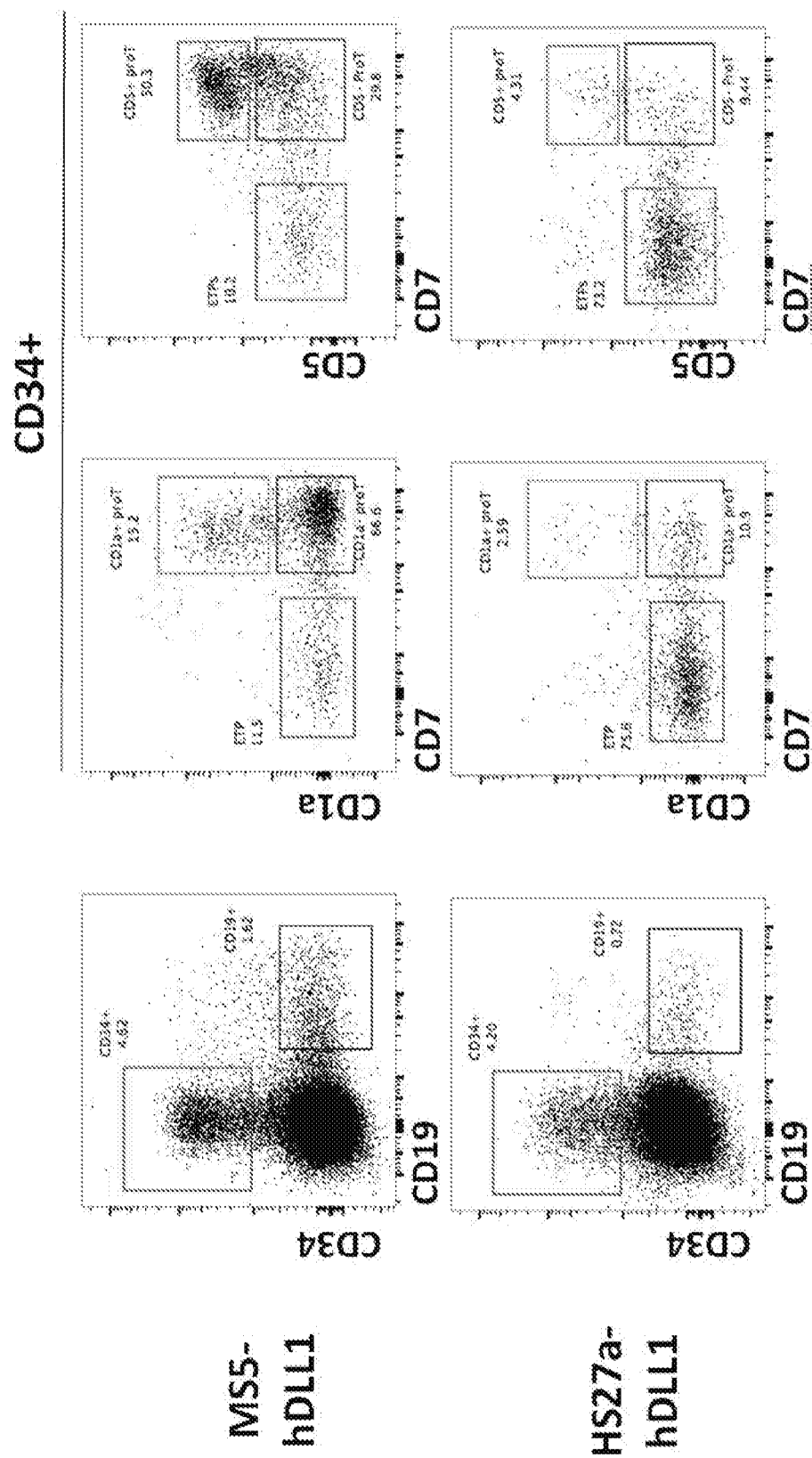


FIG. 29C

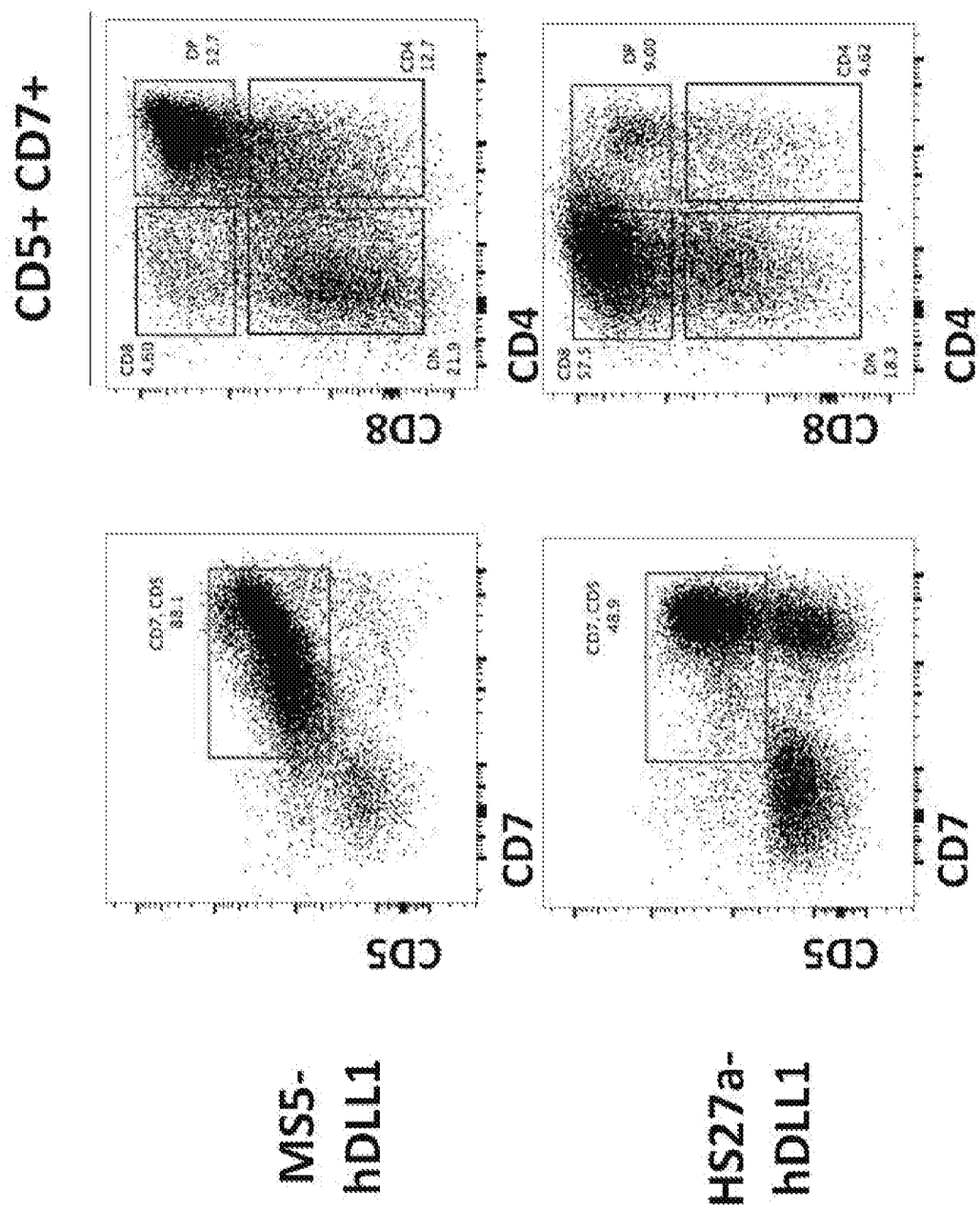


FIG. 29D



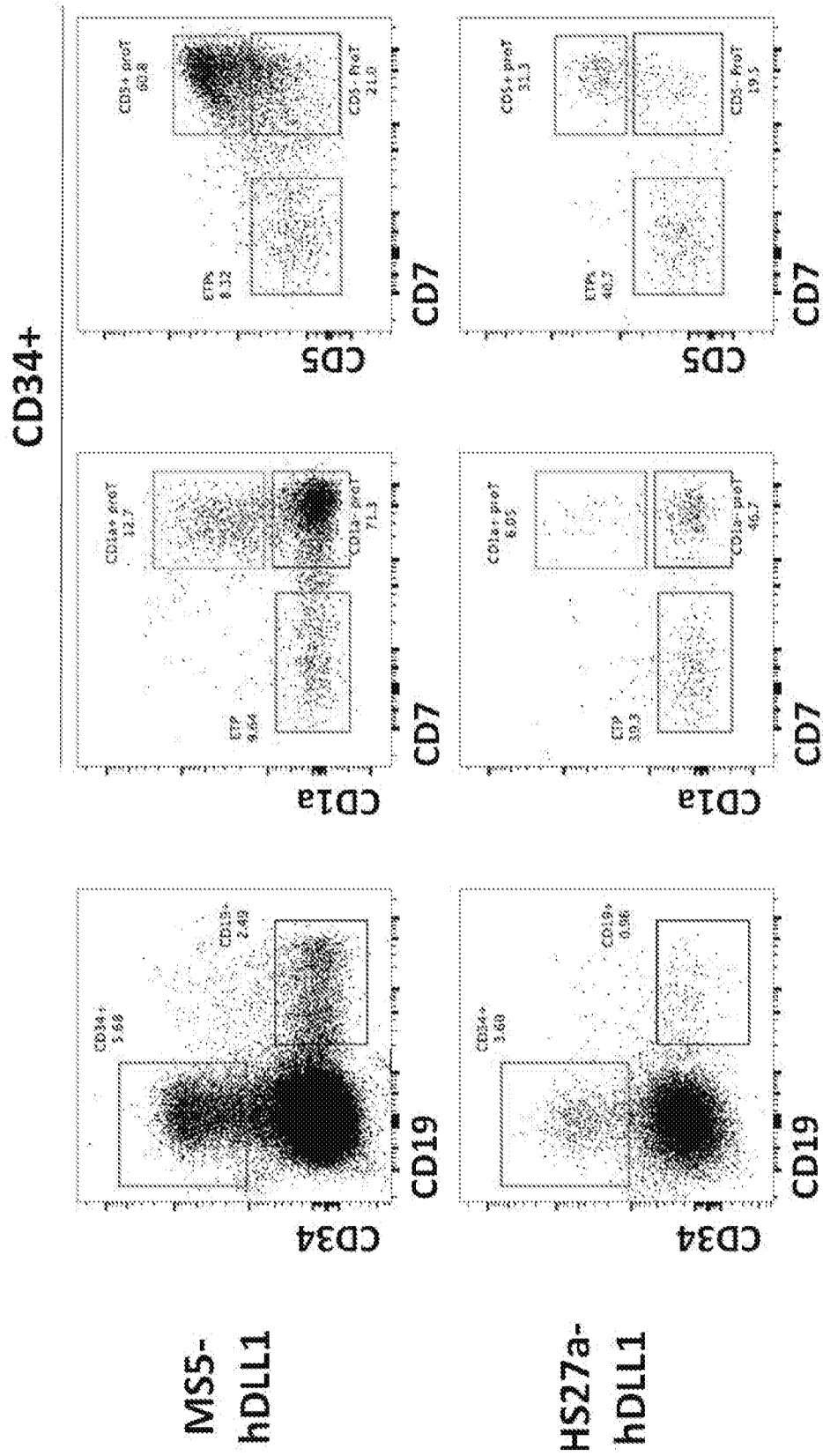


FIG. 29E

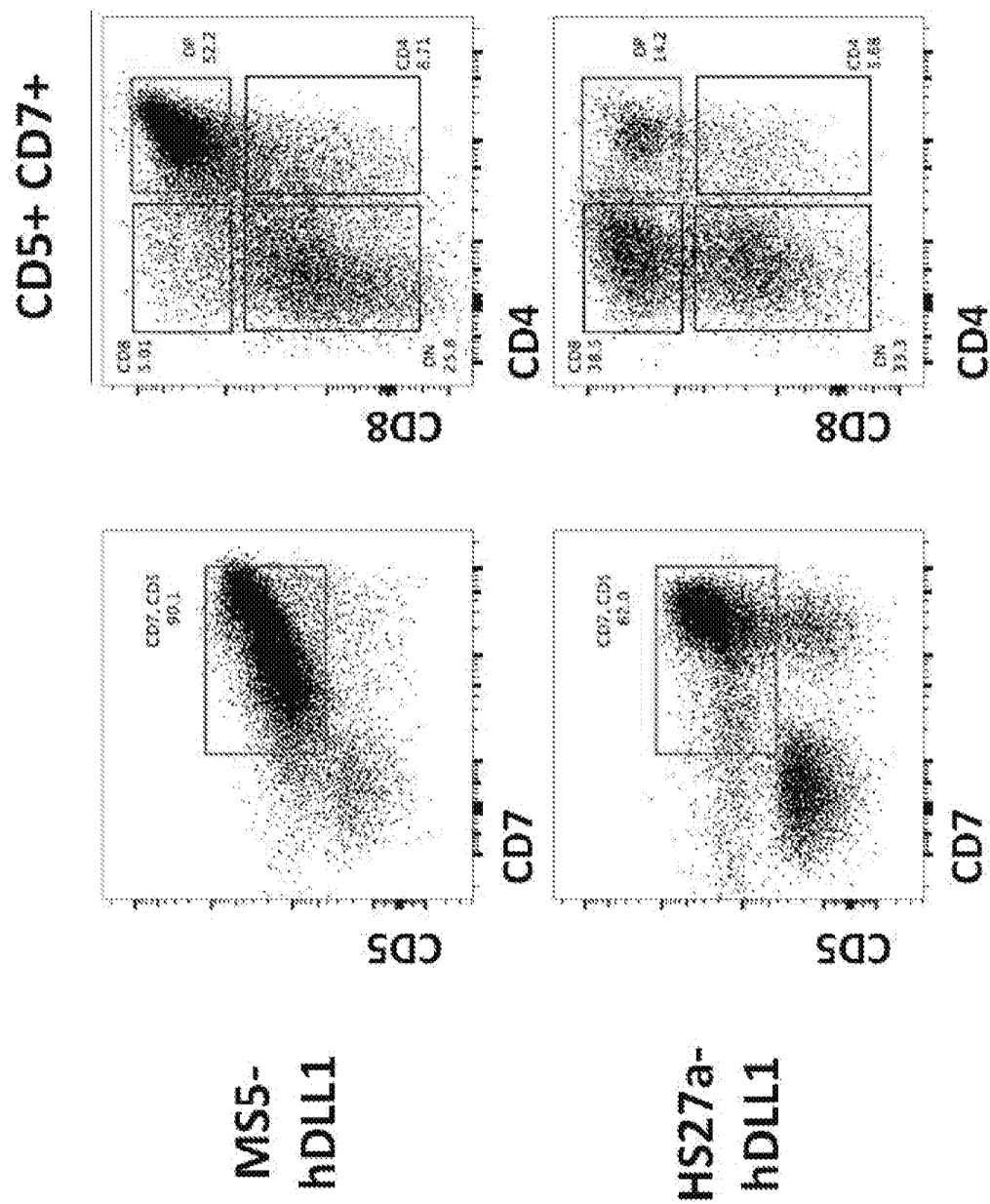


FIG. 29F

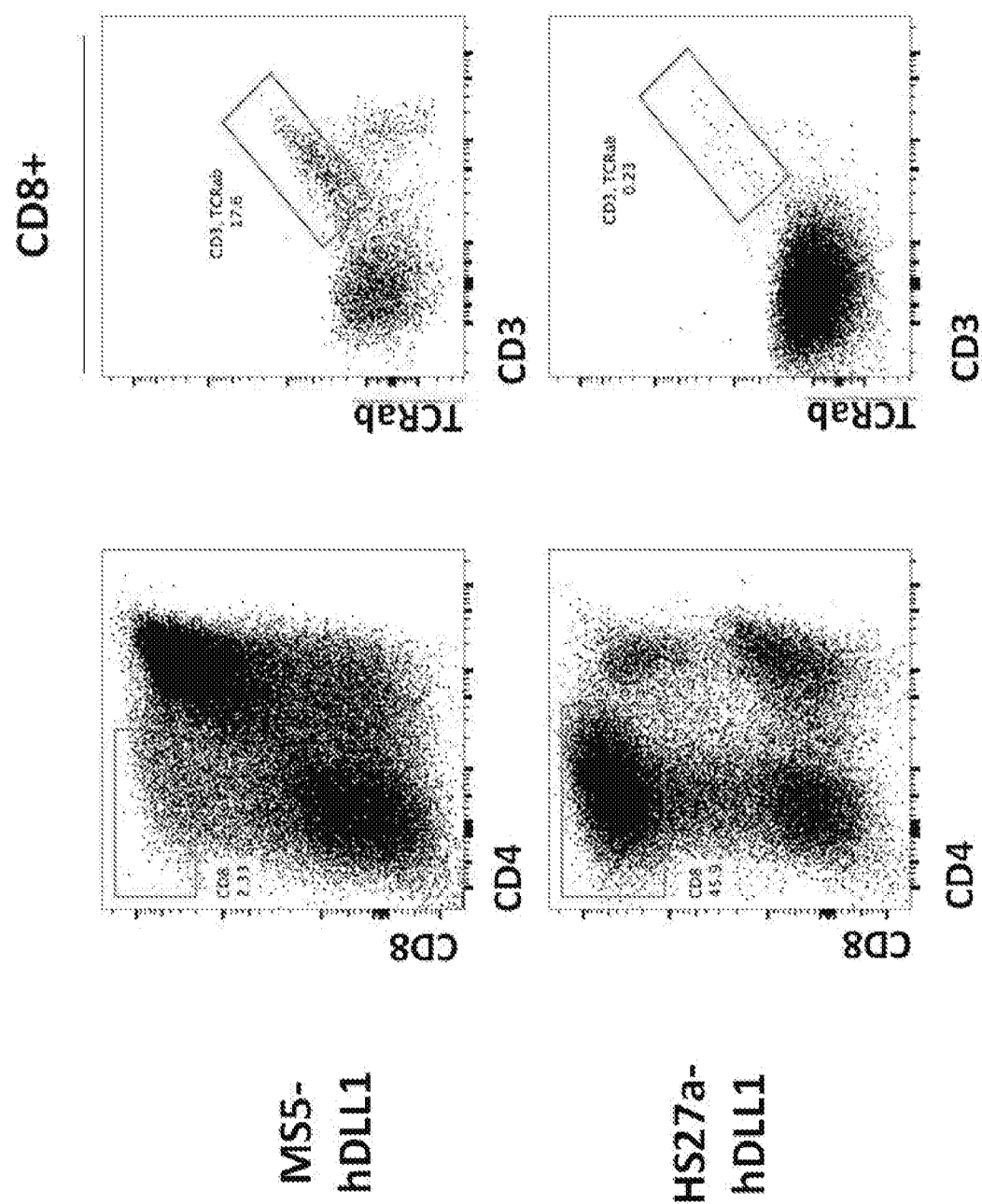


FIG. 30

MS5-  
hDLL1

HS27a-  
hDLL1

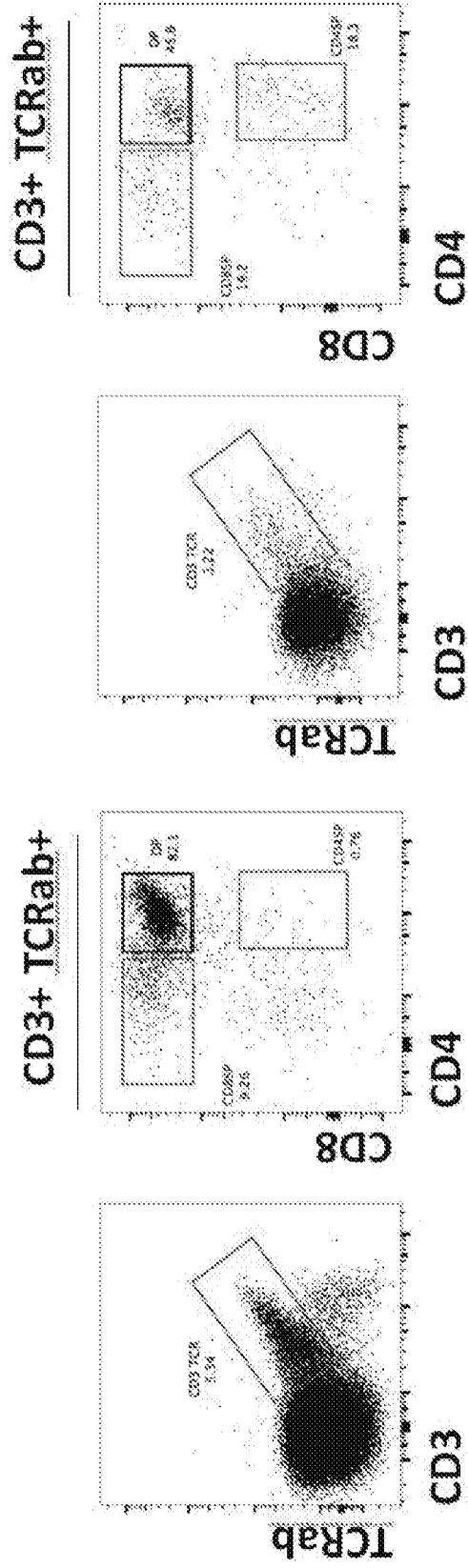


FIG. 31A

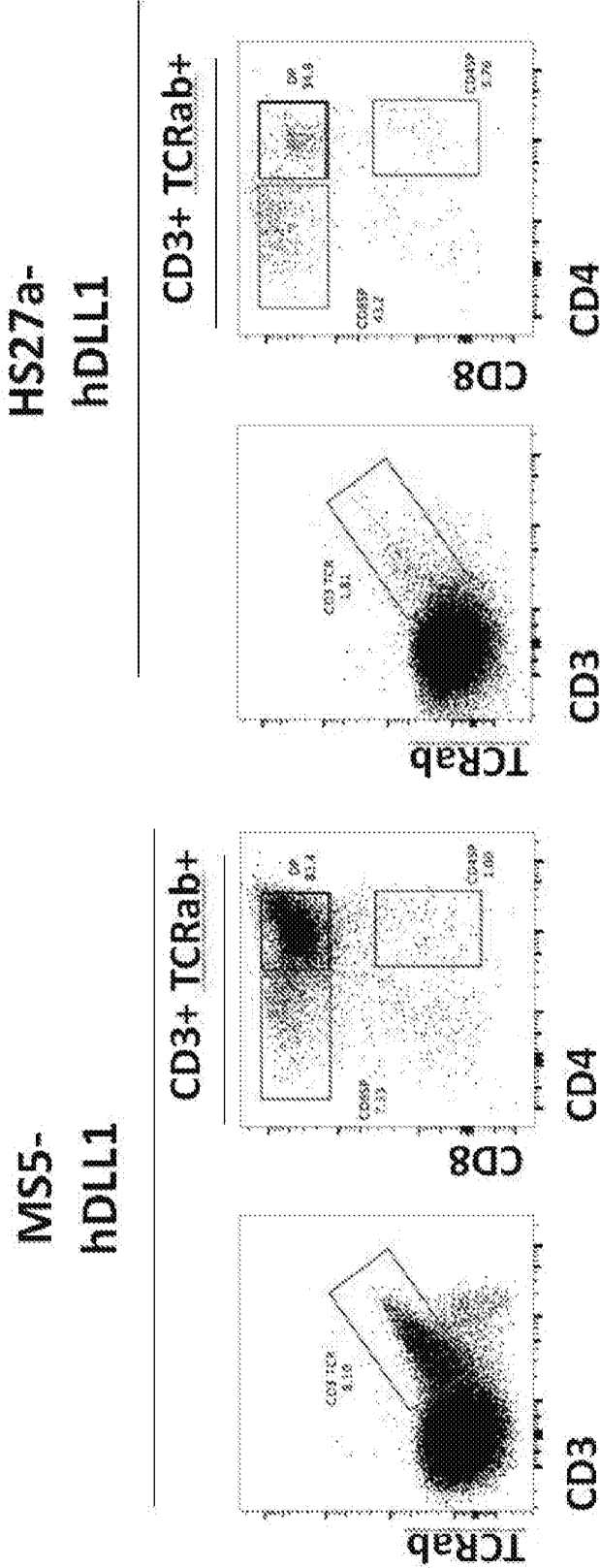


FIG. 31B

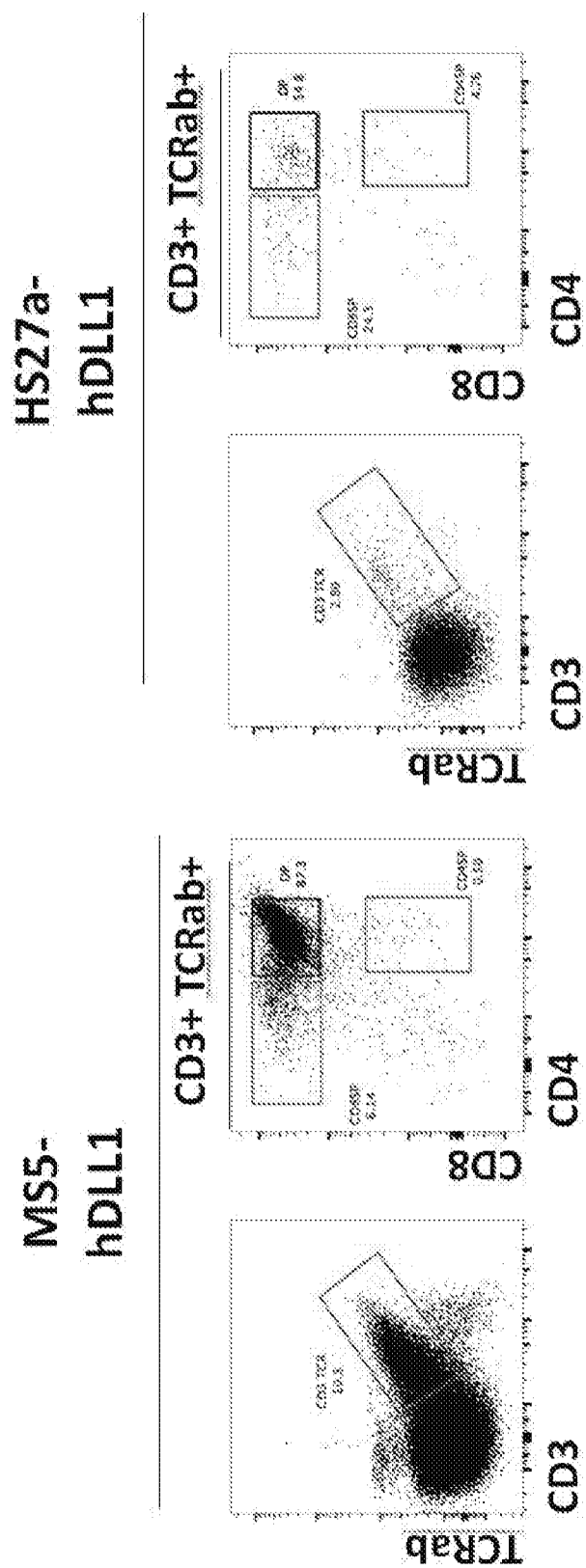


FIG. 31C

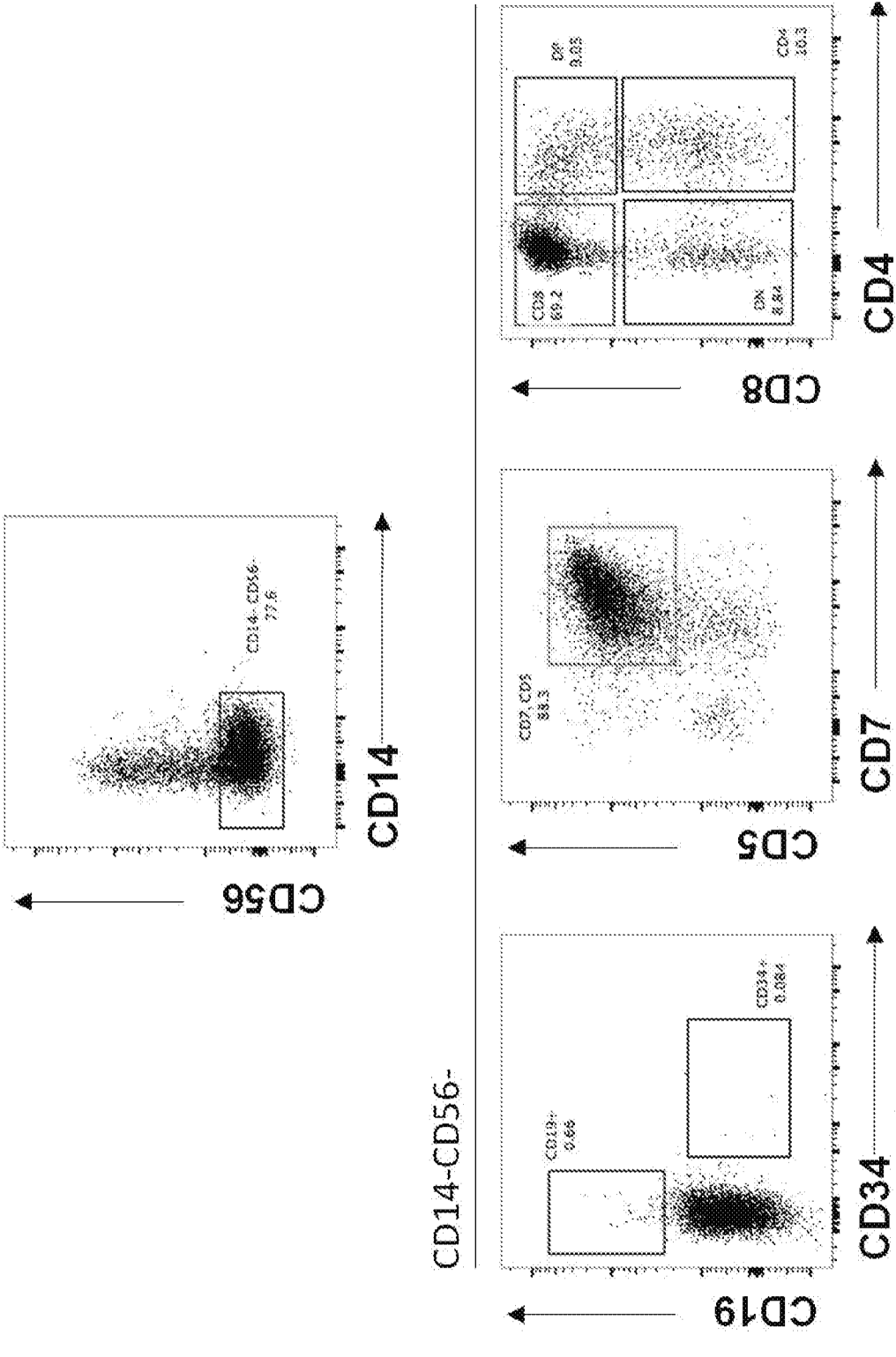


FIG. 32A

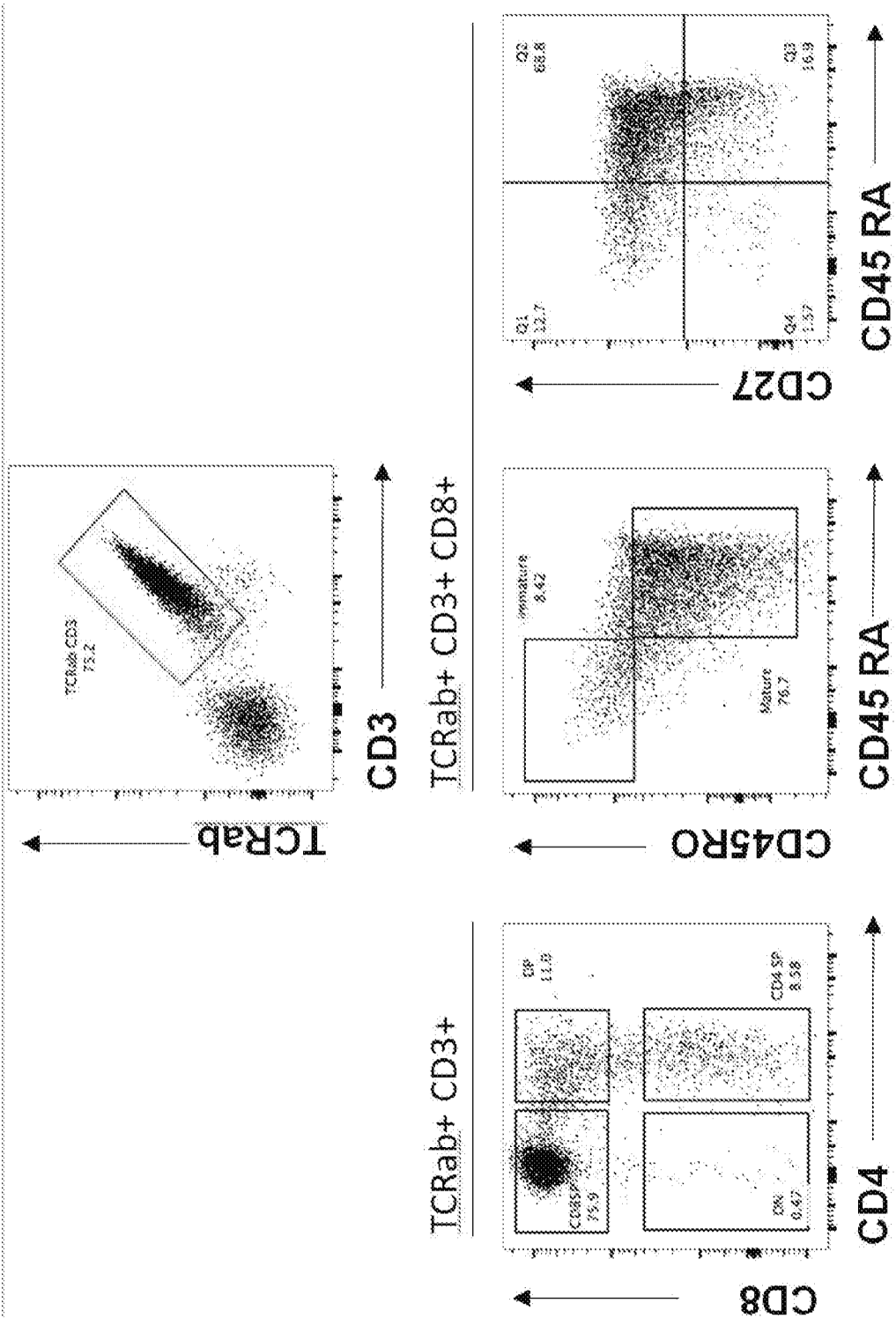


FIG. 32B



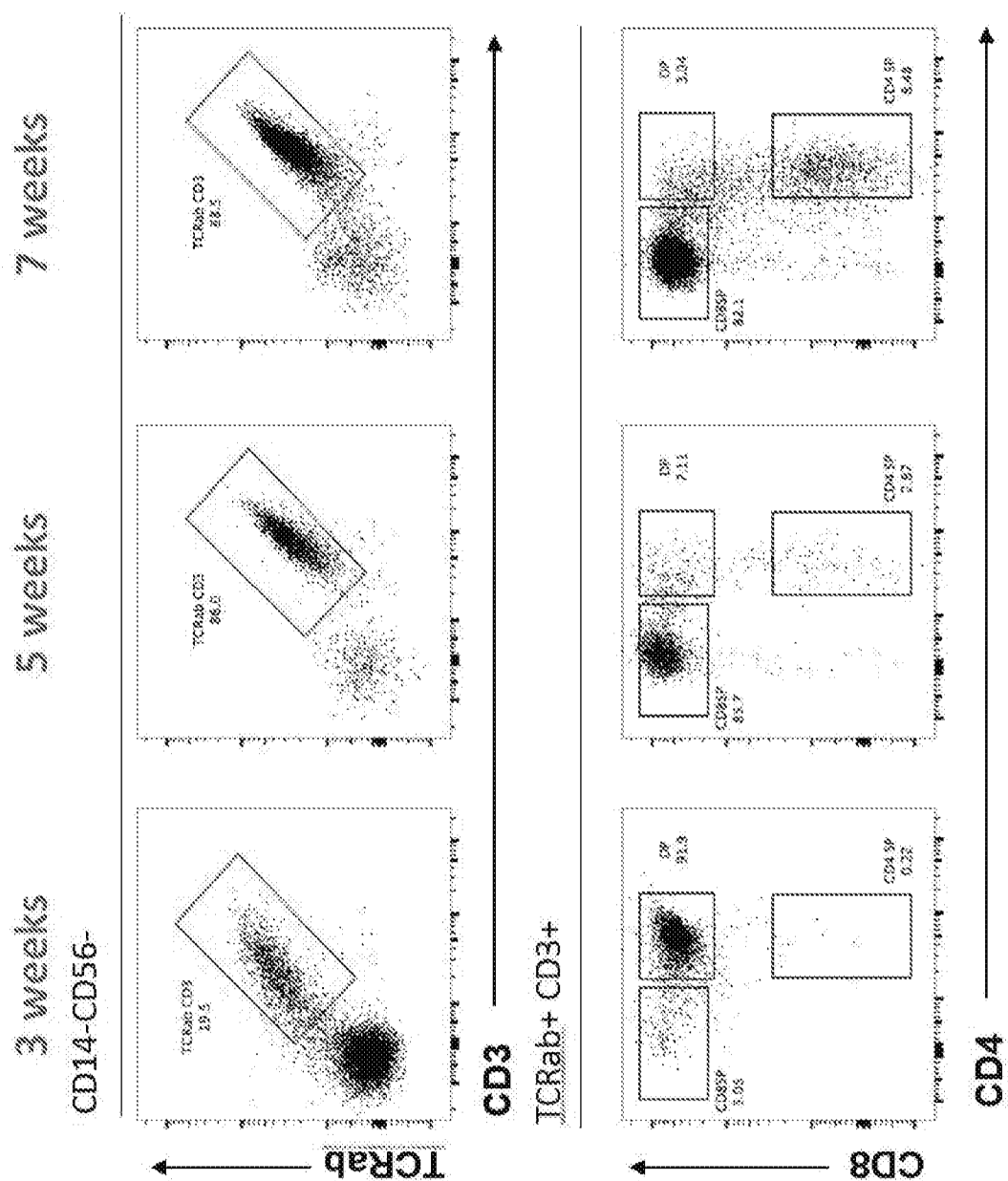


FIG. 33A

**7 weeks**

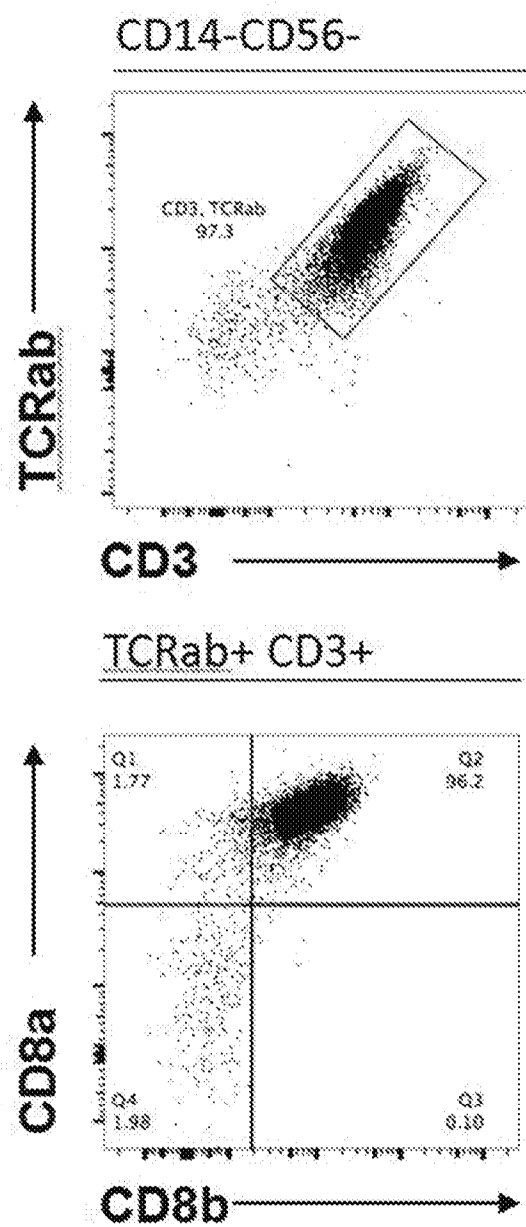


FIG. 33B

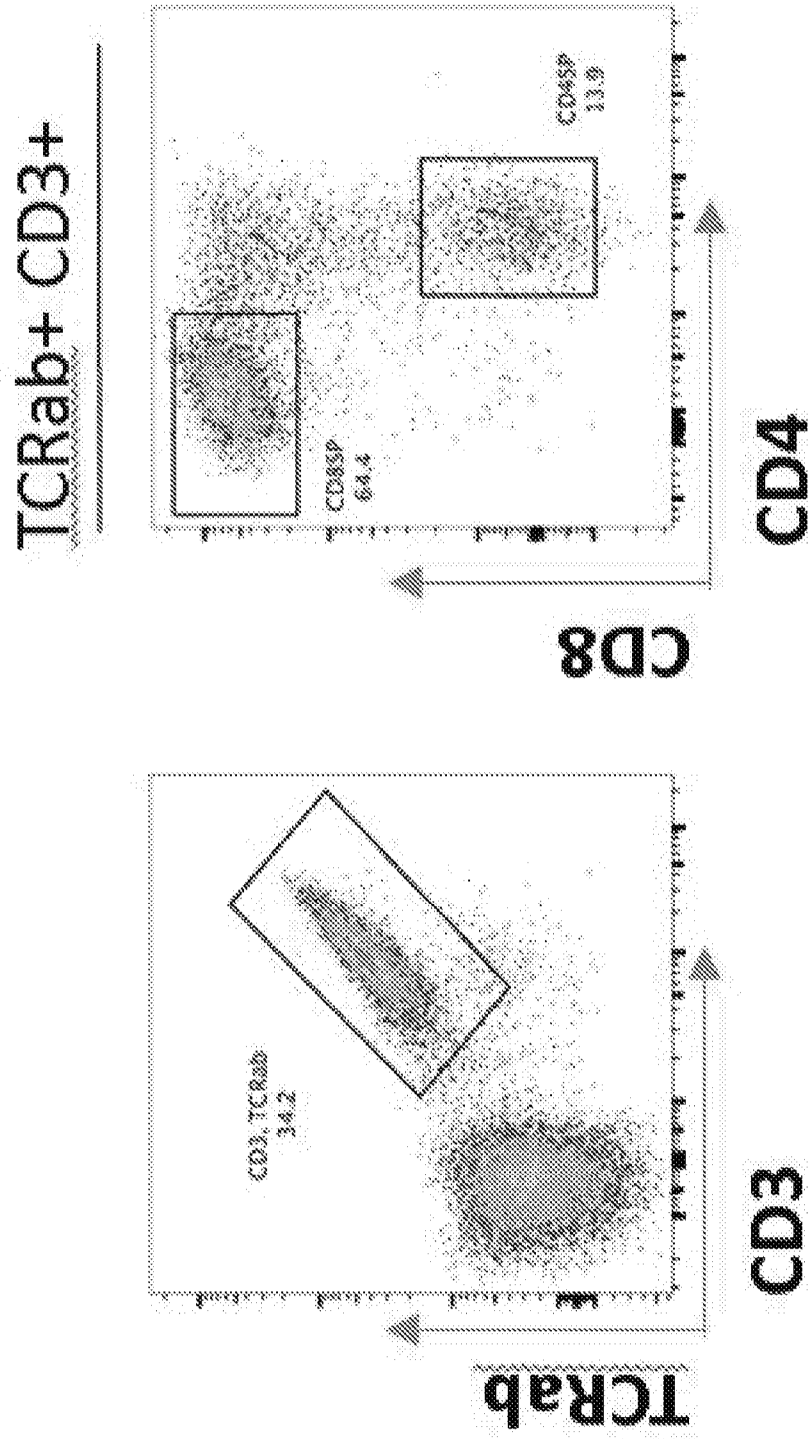


FIG. 34A

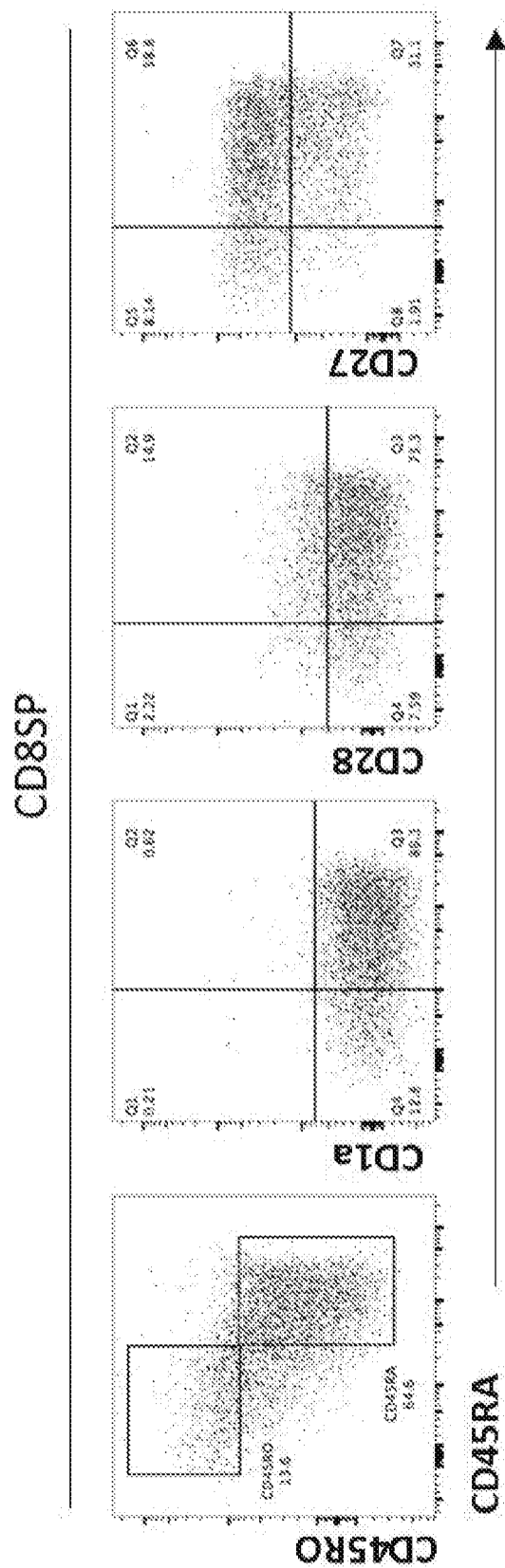


FIG. 34B

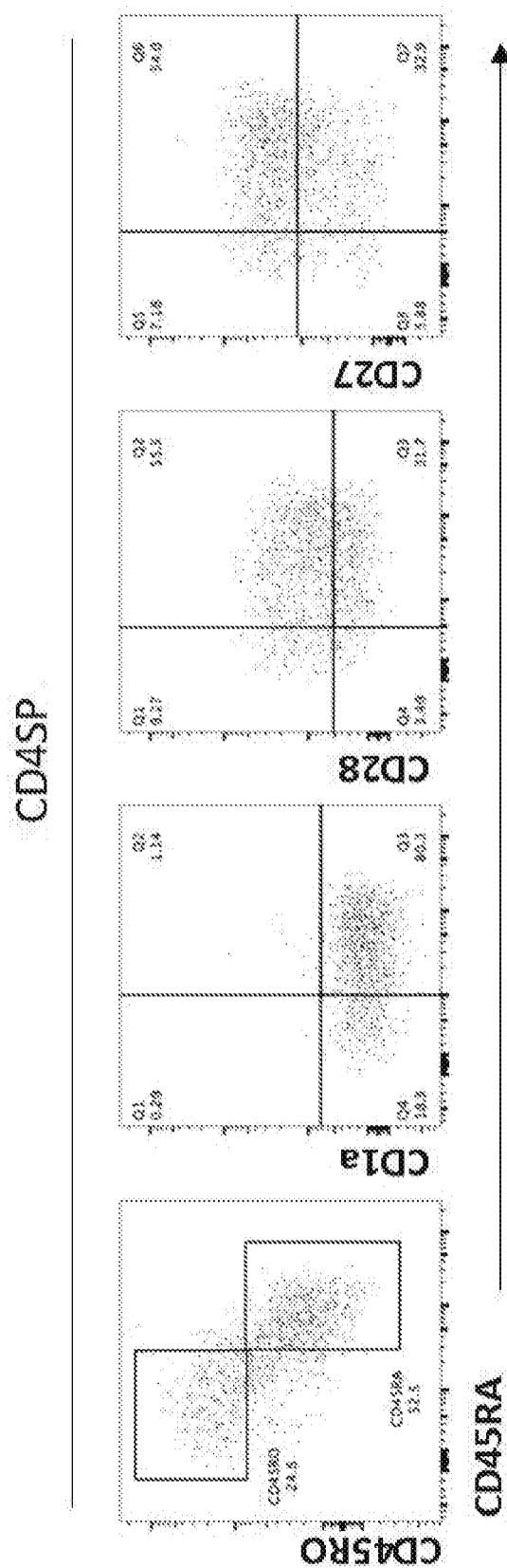


FIG. 34C

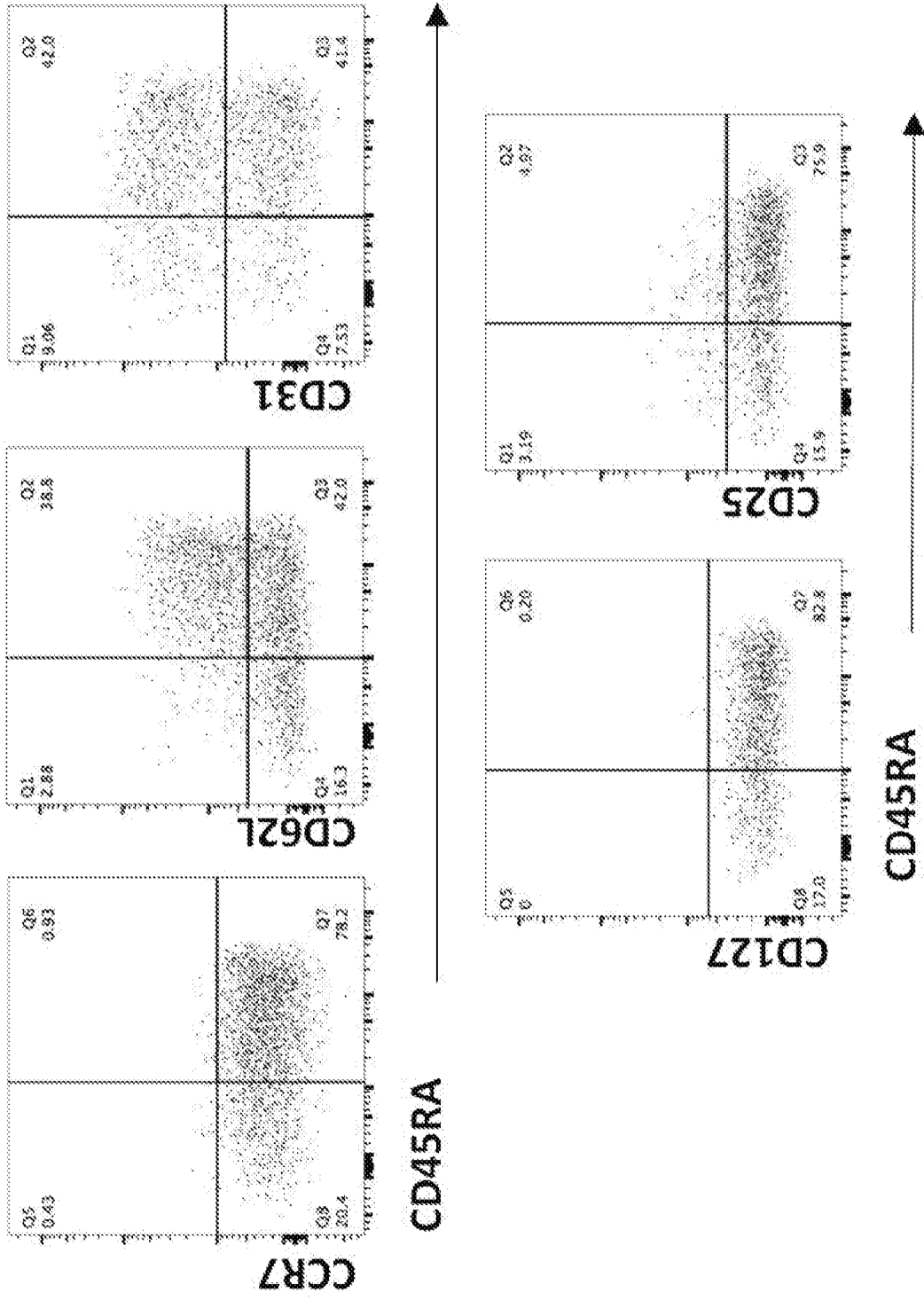


FIG. 35A

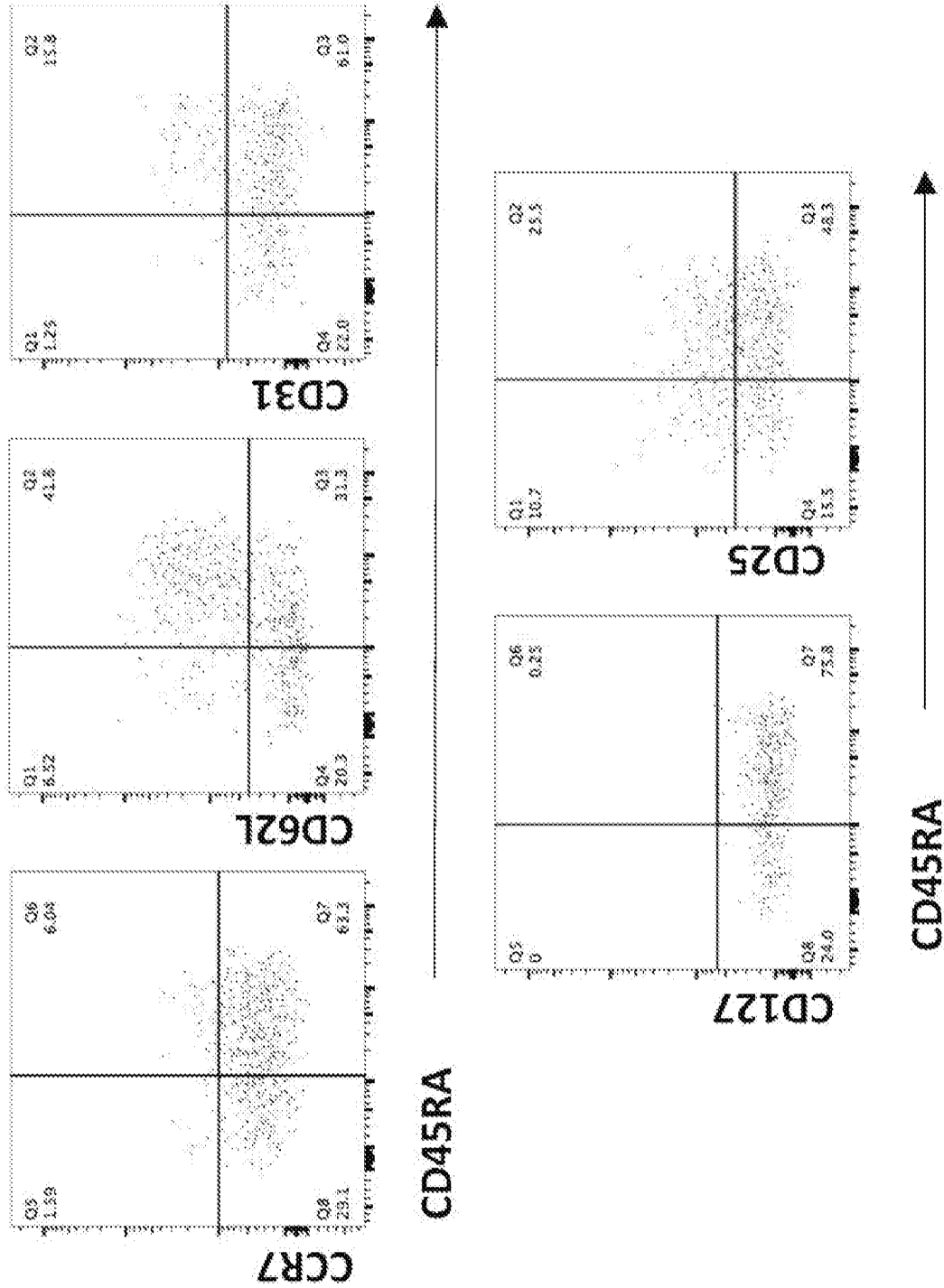


FIG. 35B

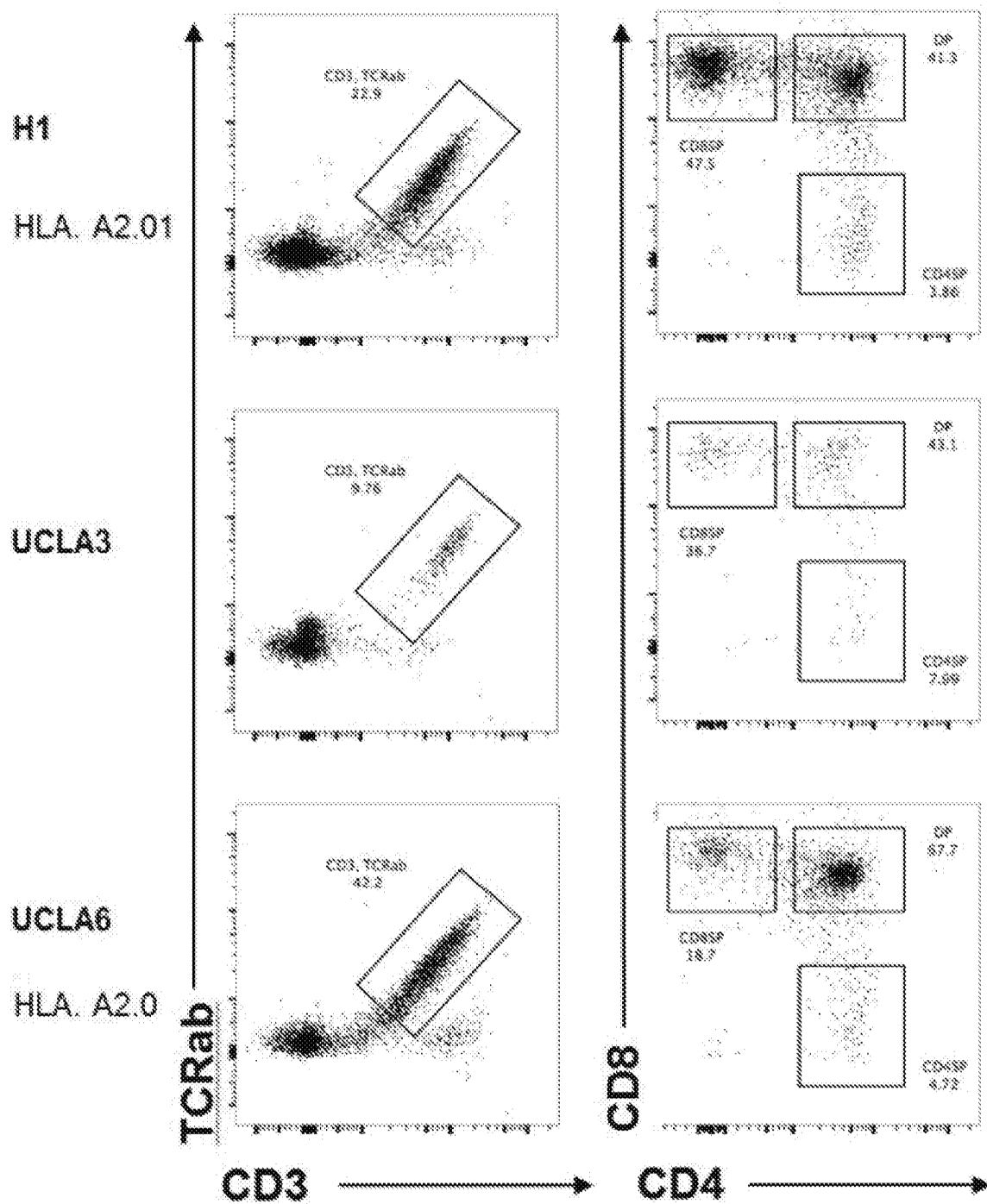


FIG. 36



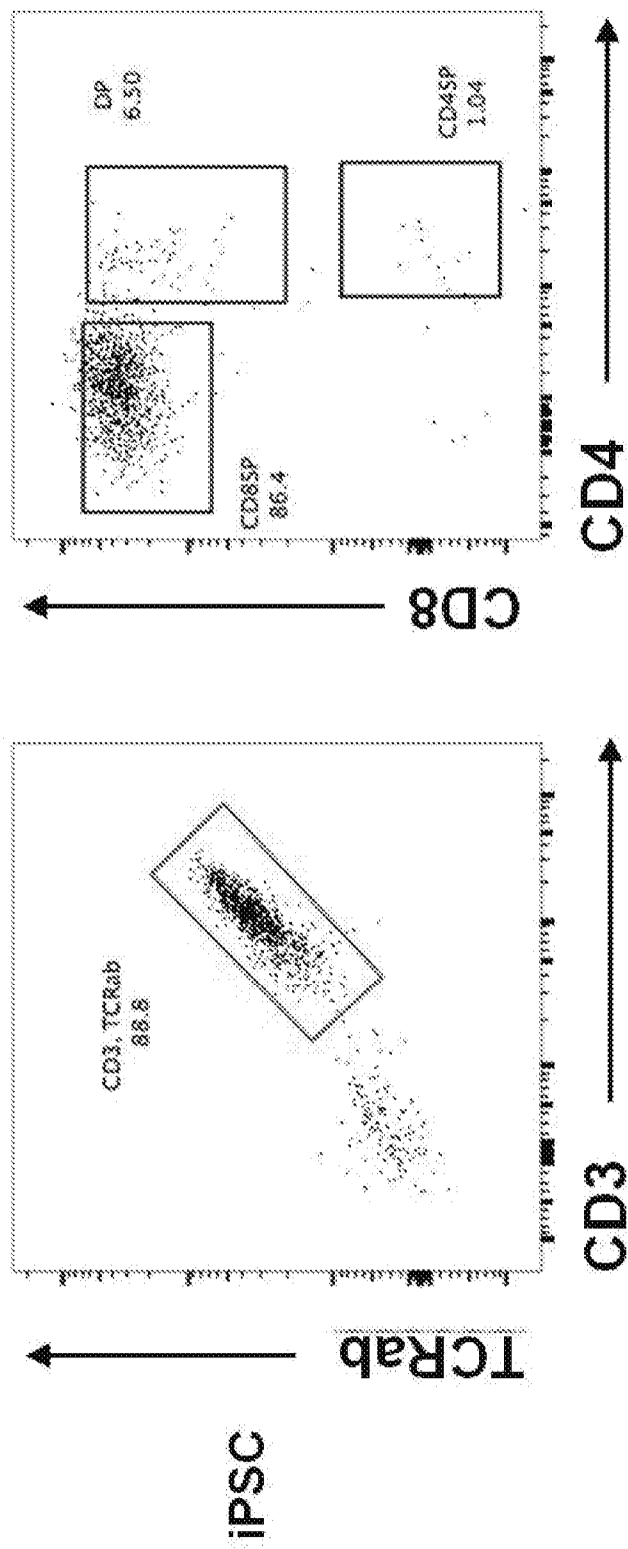


FIG. 37

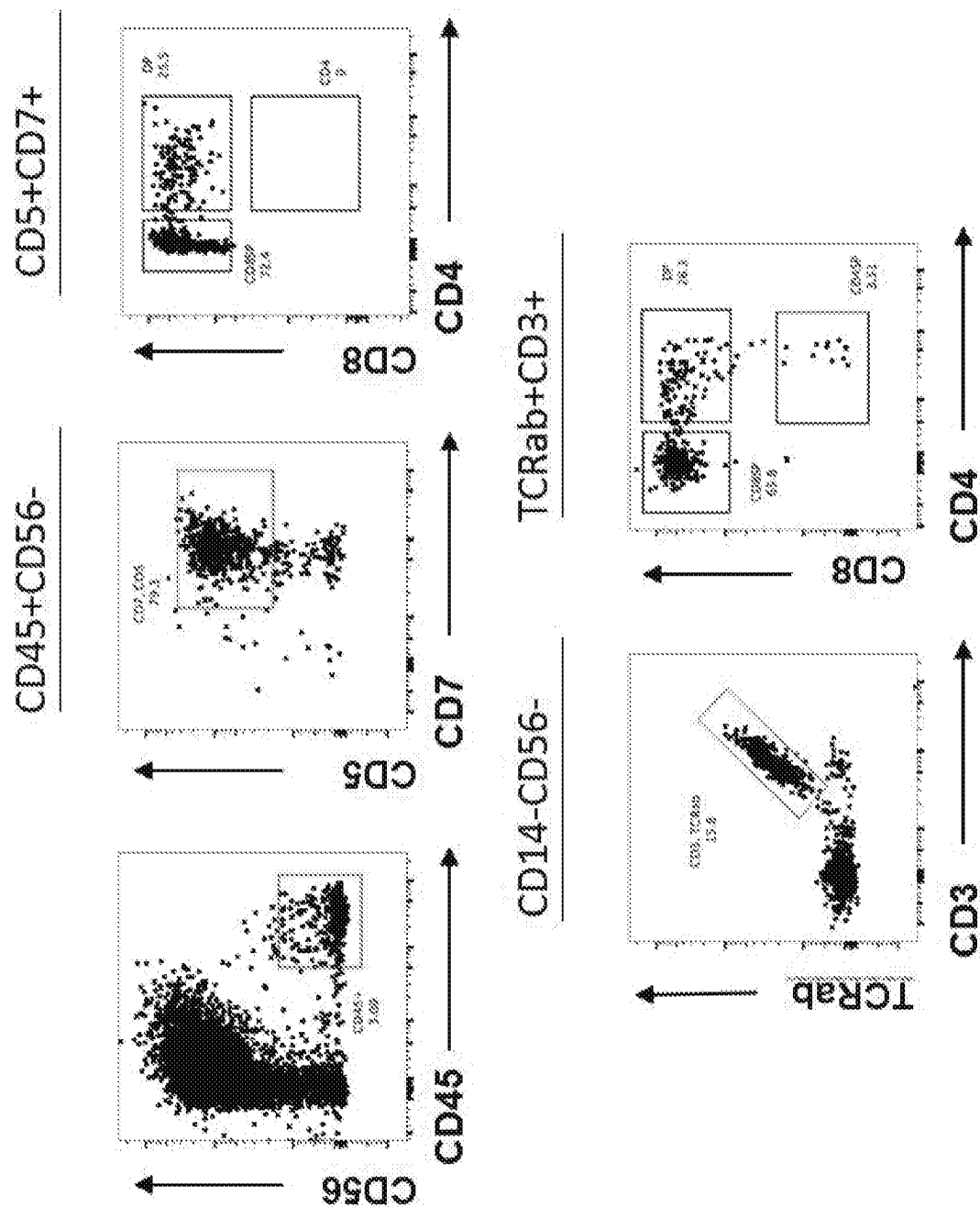


FIG. 38A

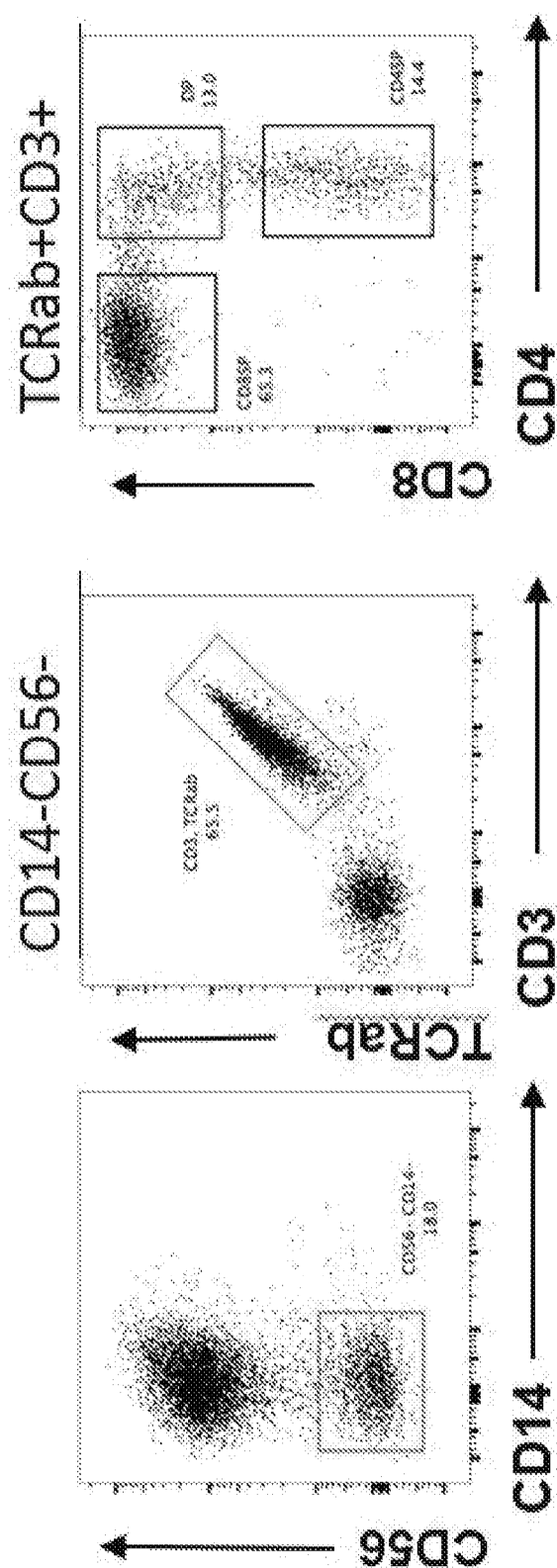


FIG. 38B

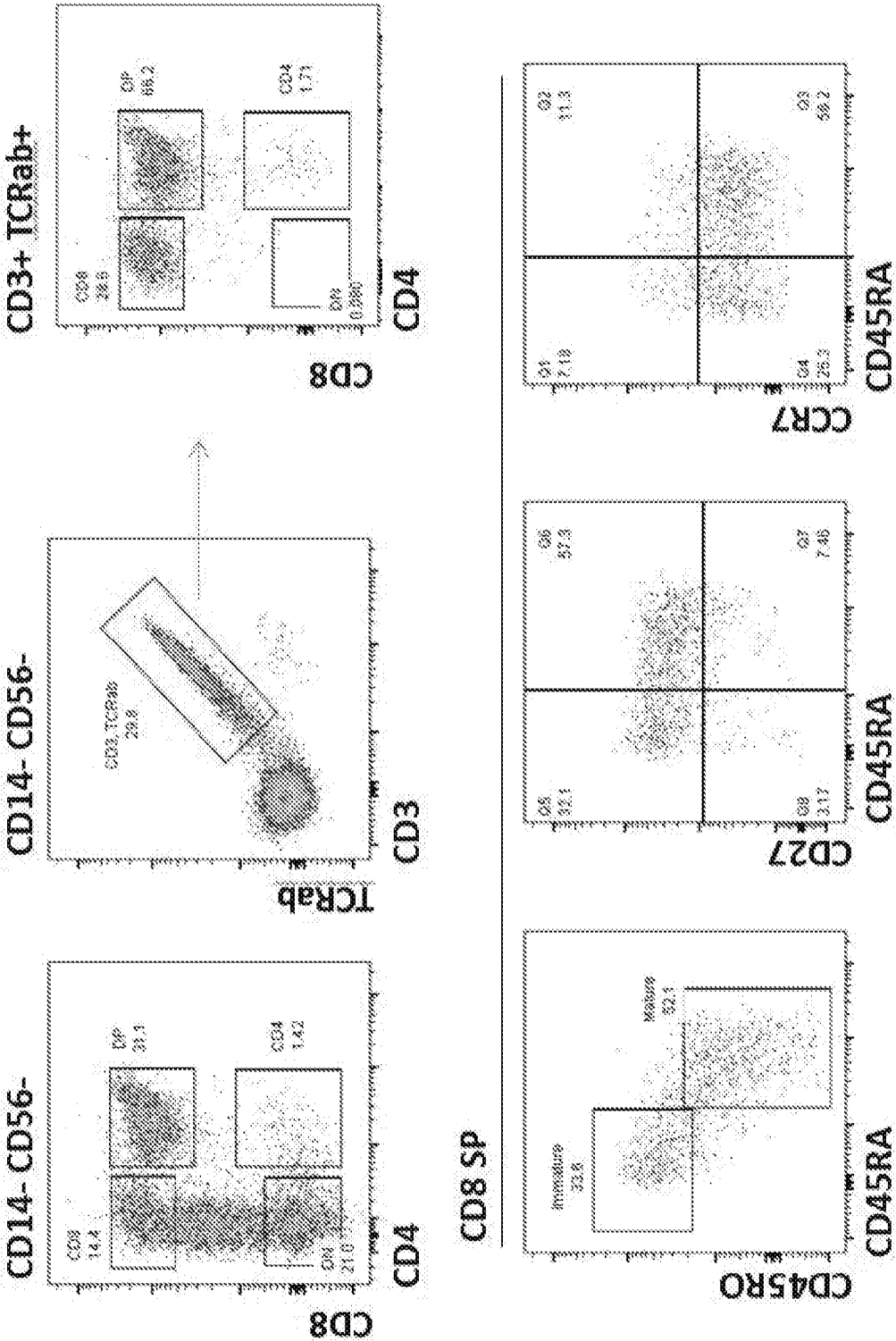


FIG. 39

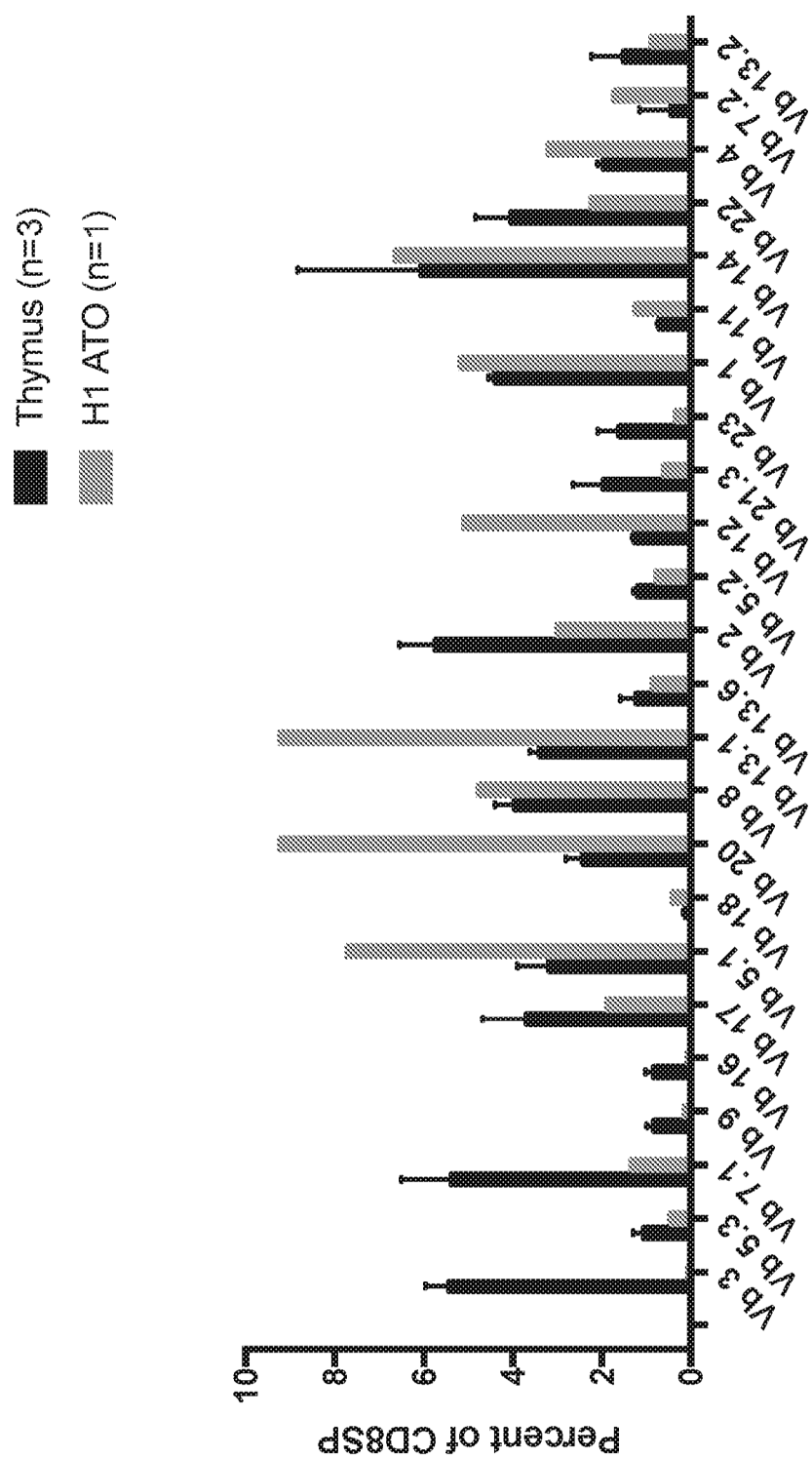


FIG. 40

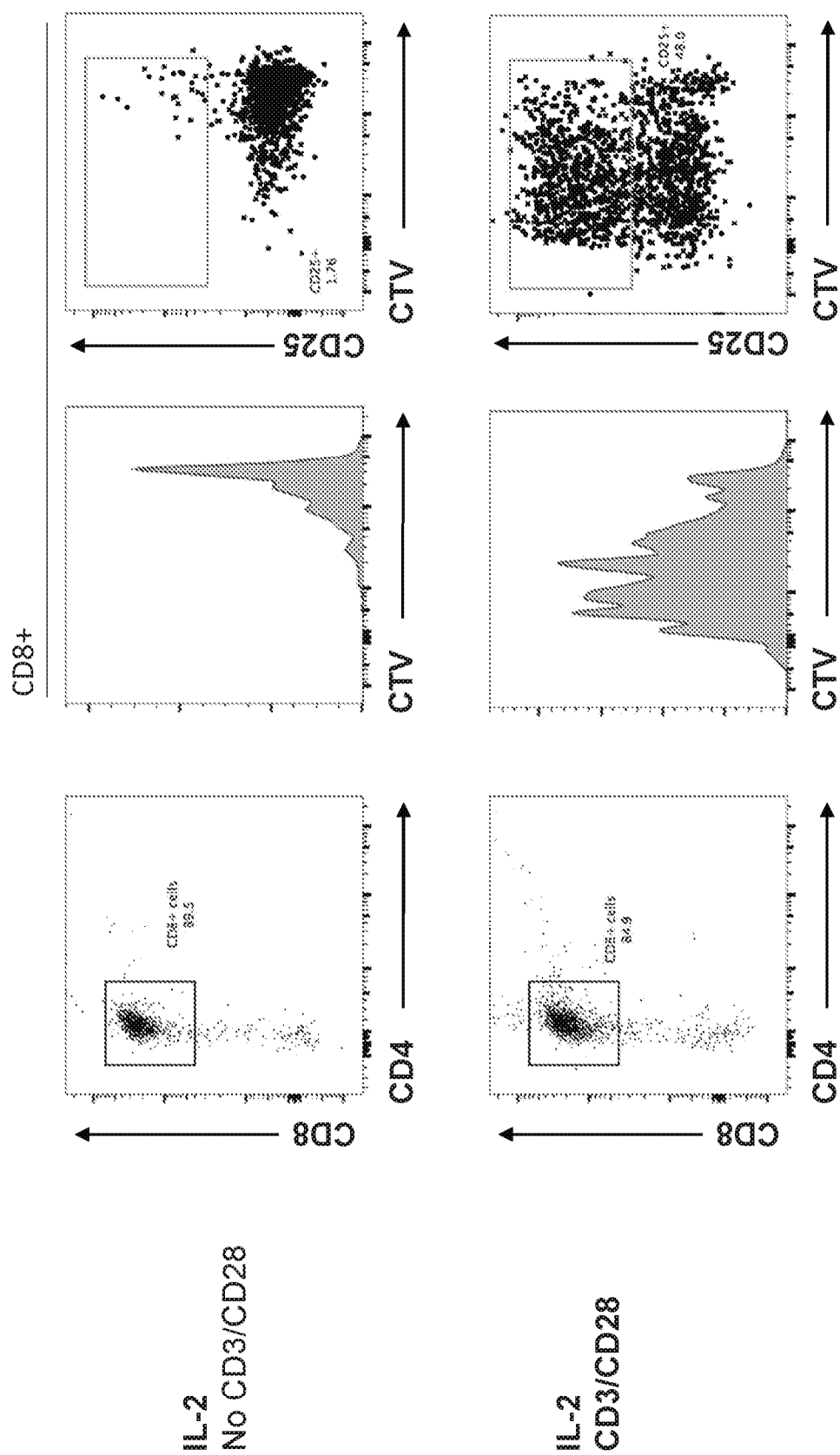


FIG. 41A

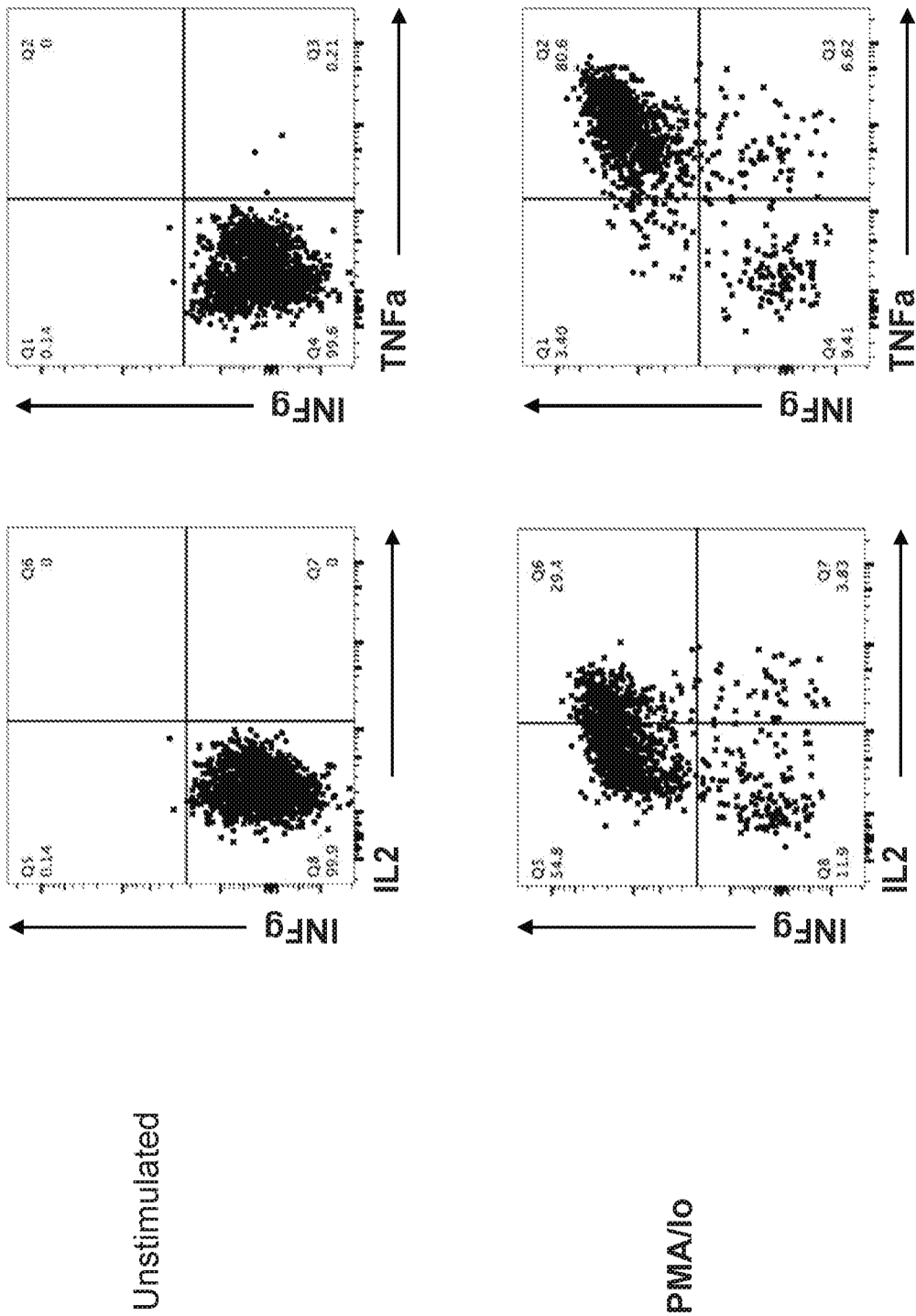
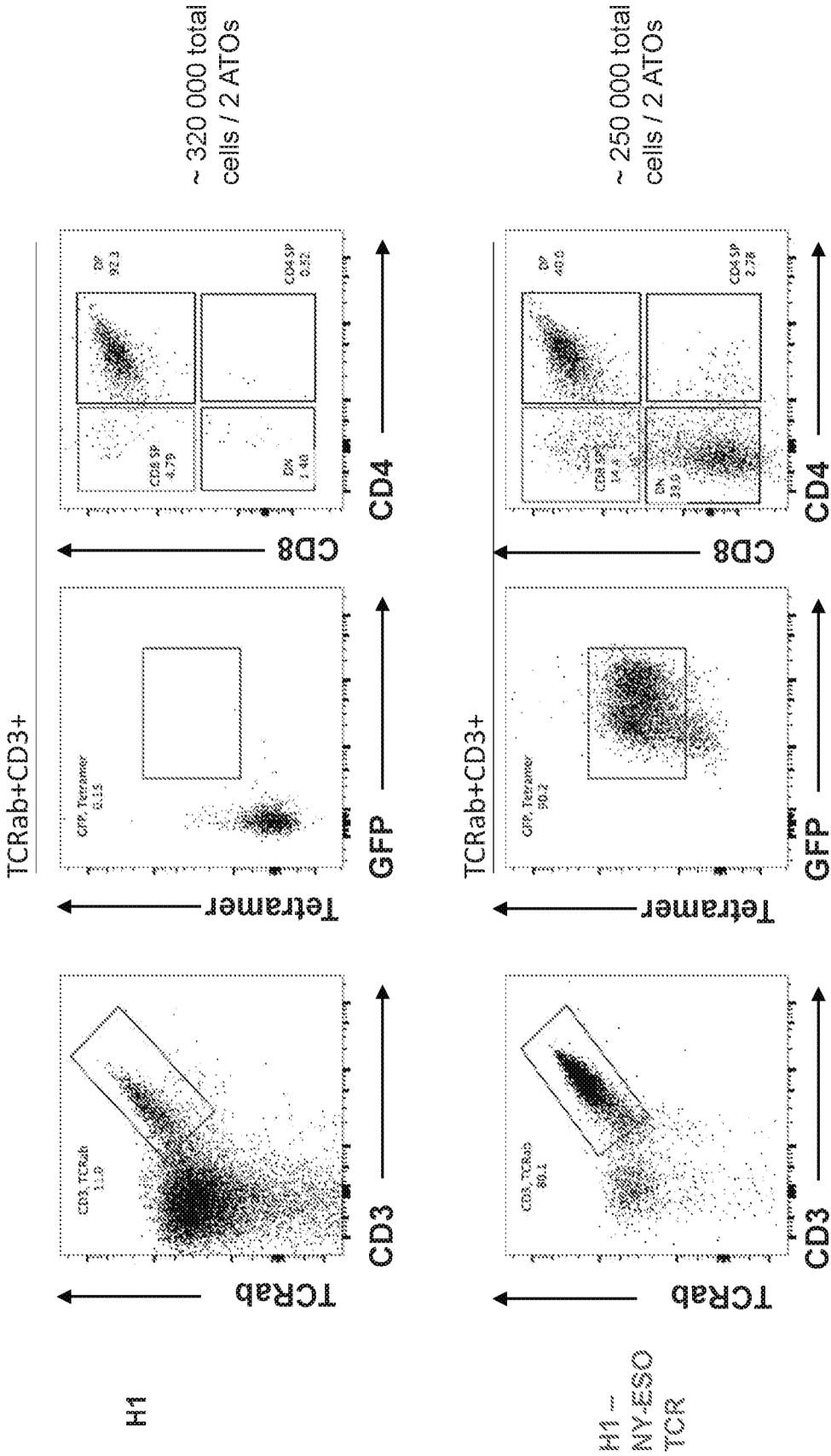


FIG. 41B







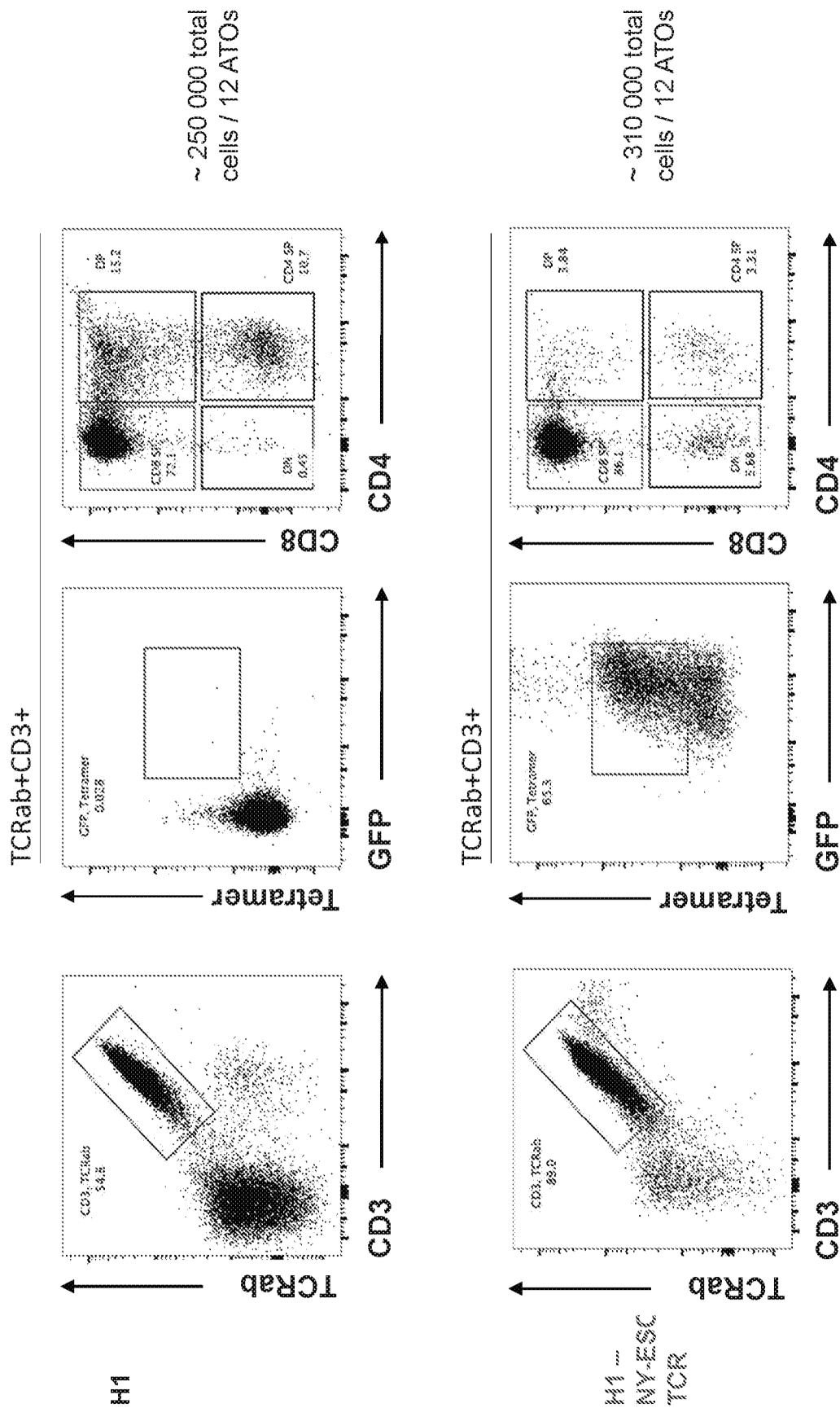
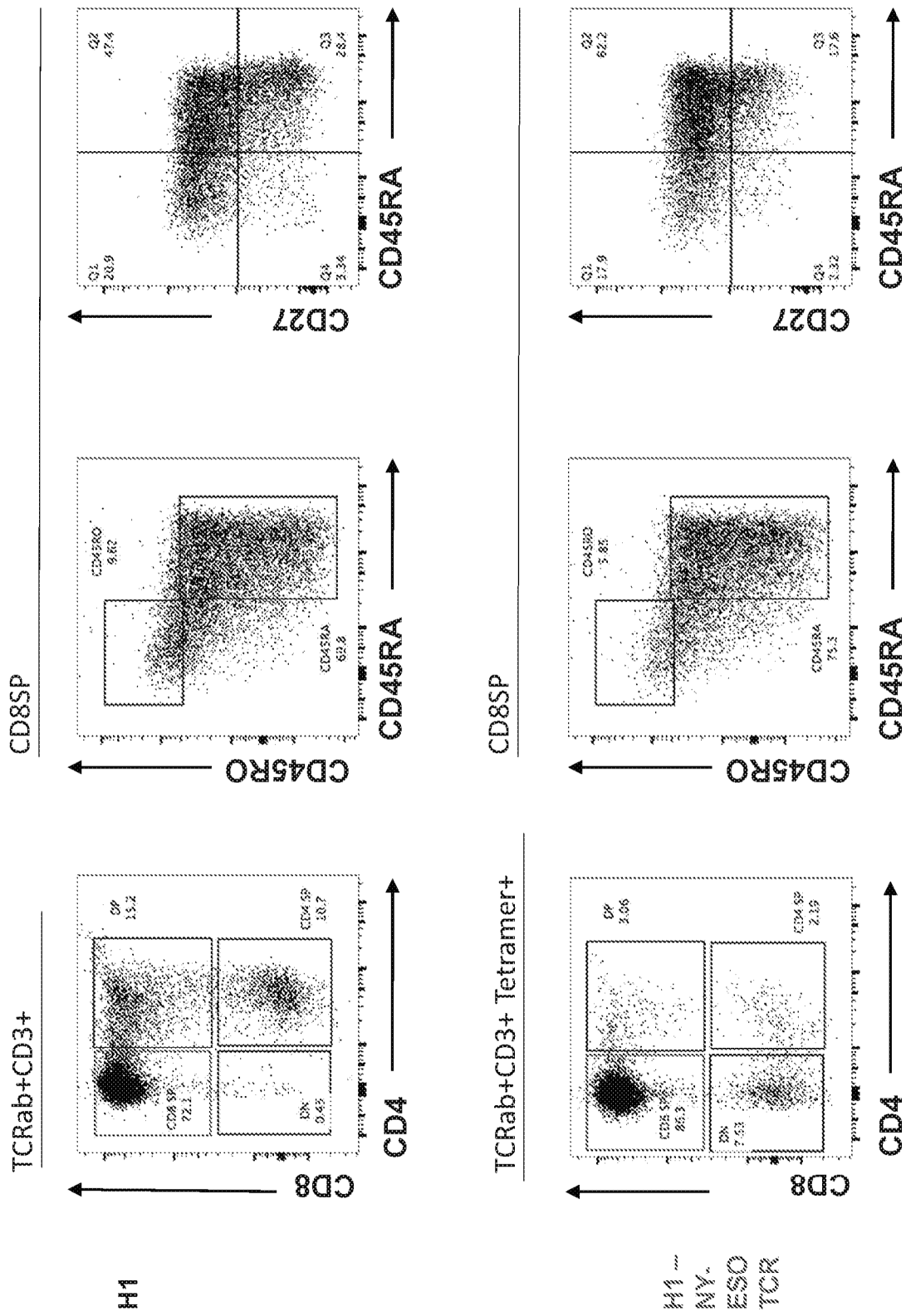


FIG. 43B



TCRab+CD3+

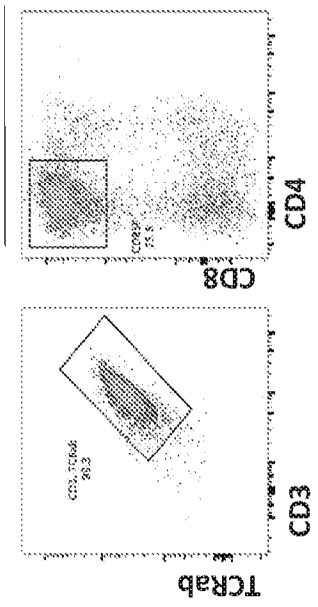
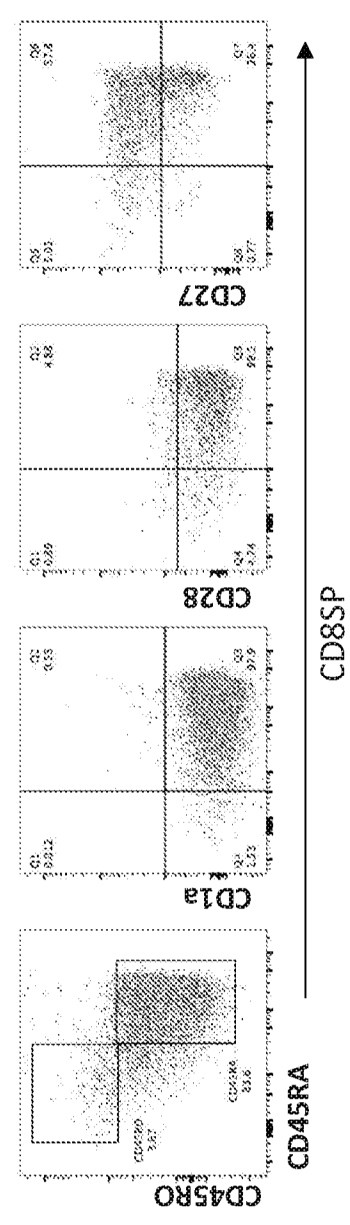
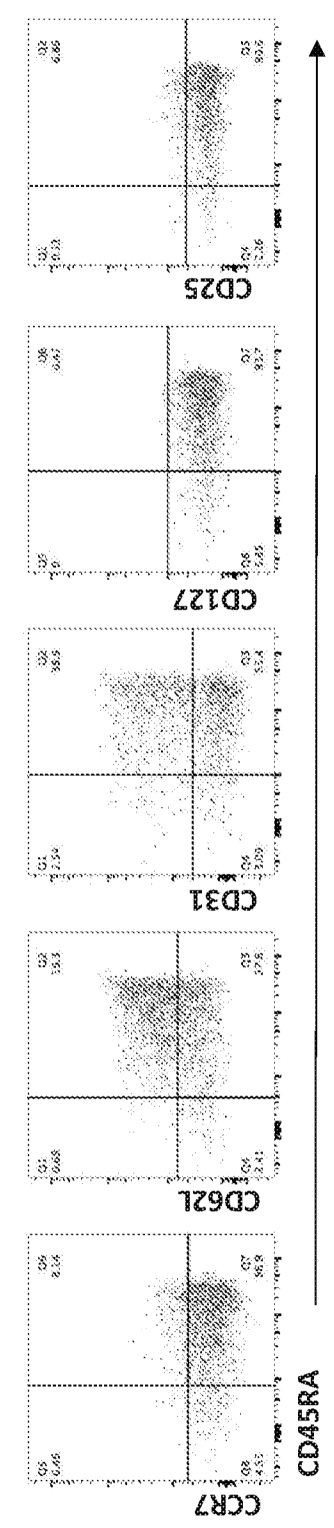


FIG. 44B



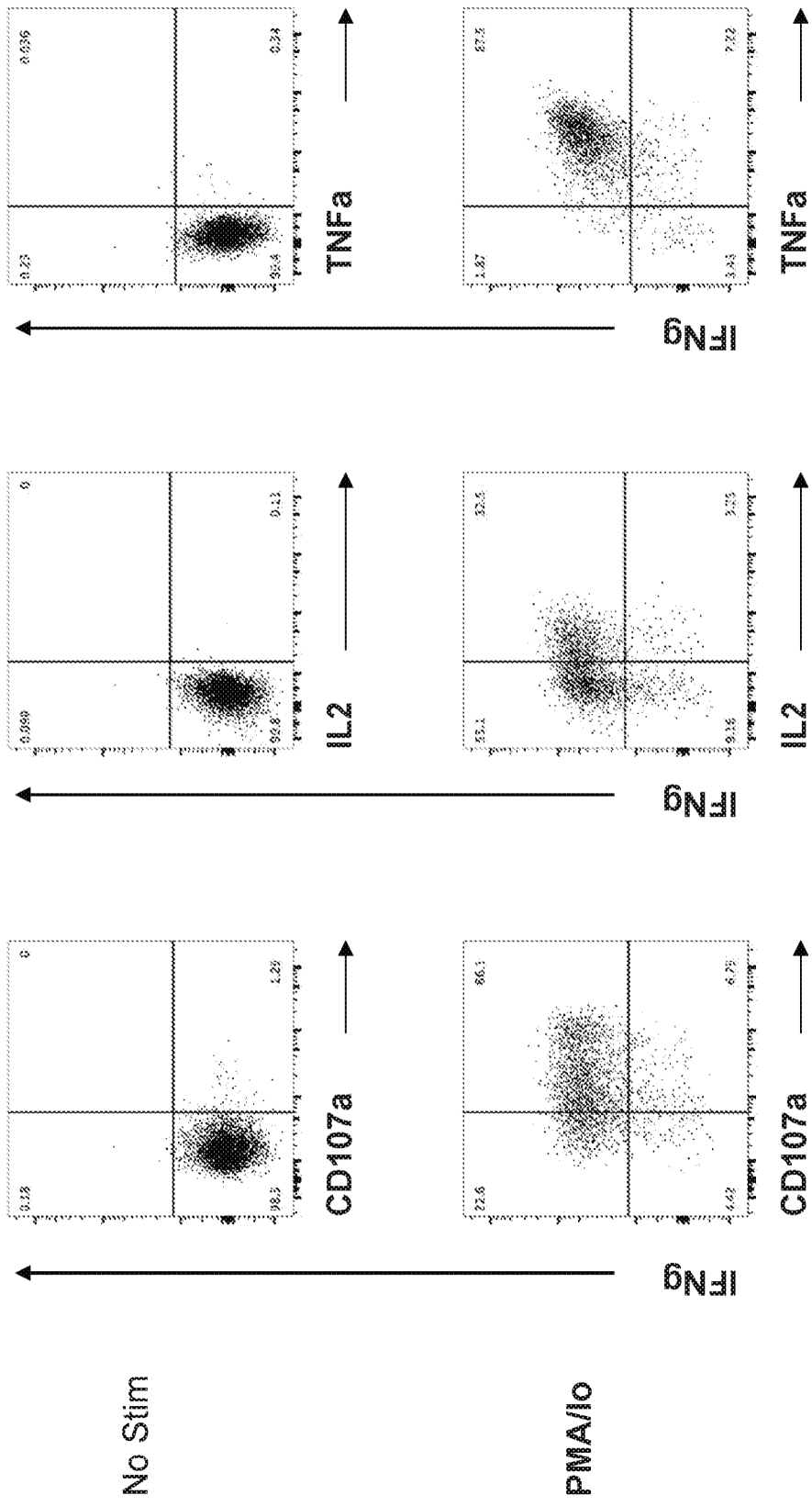


FIG. 46

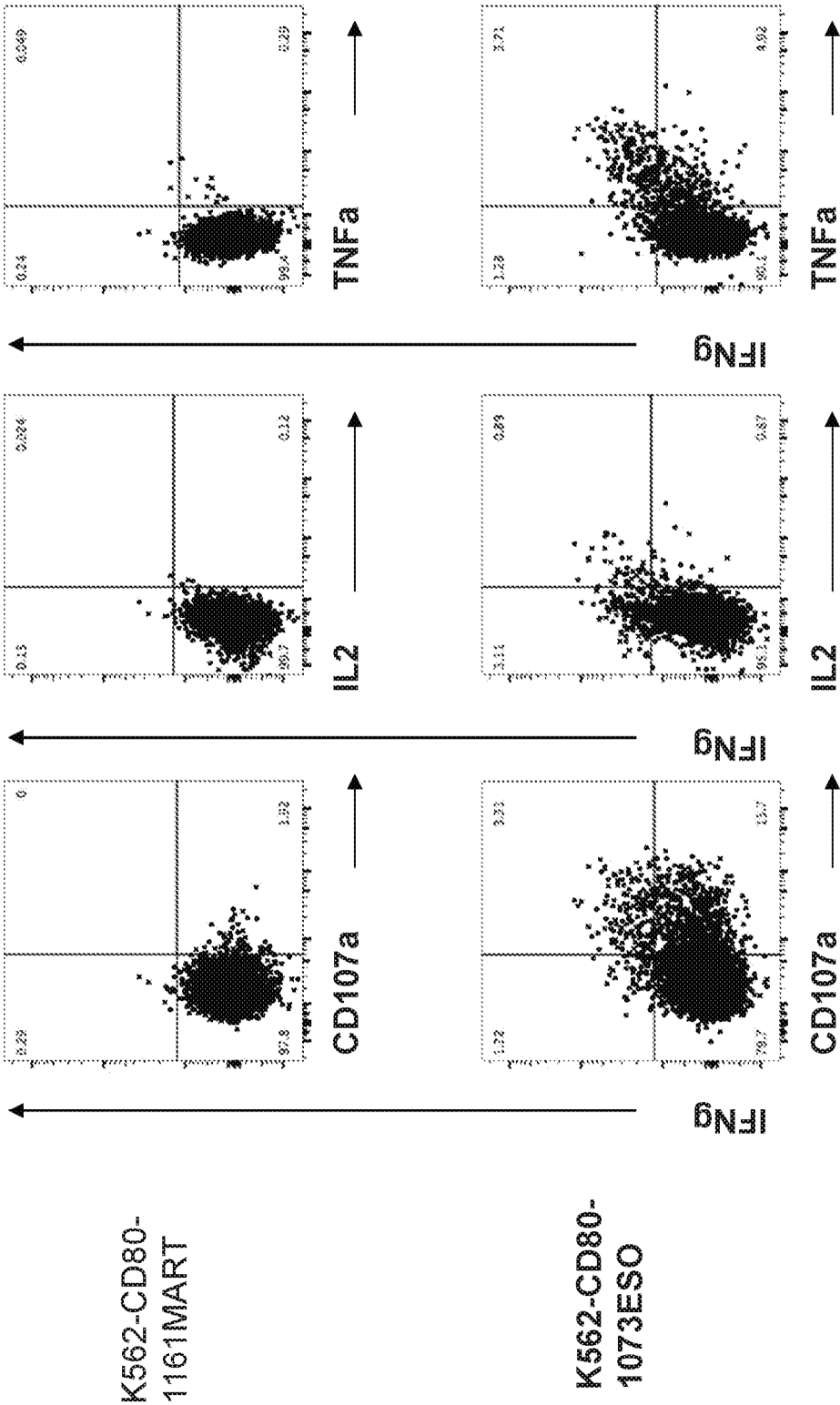


FIG. 47

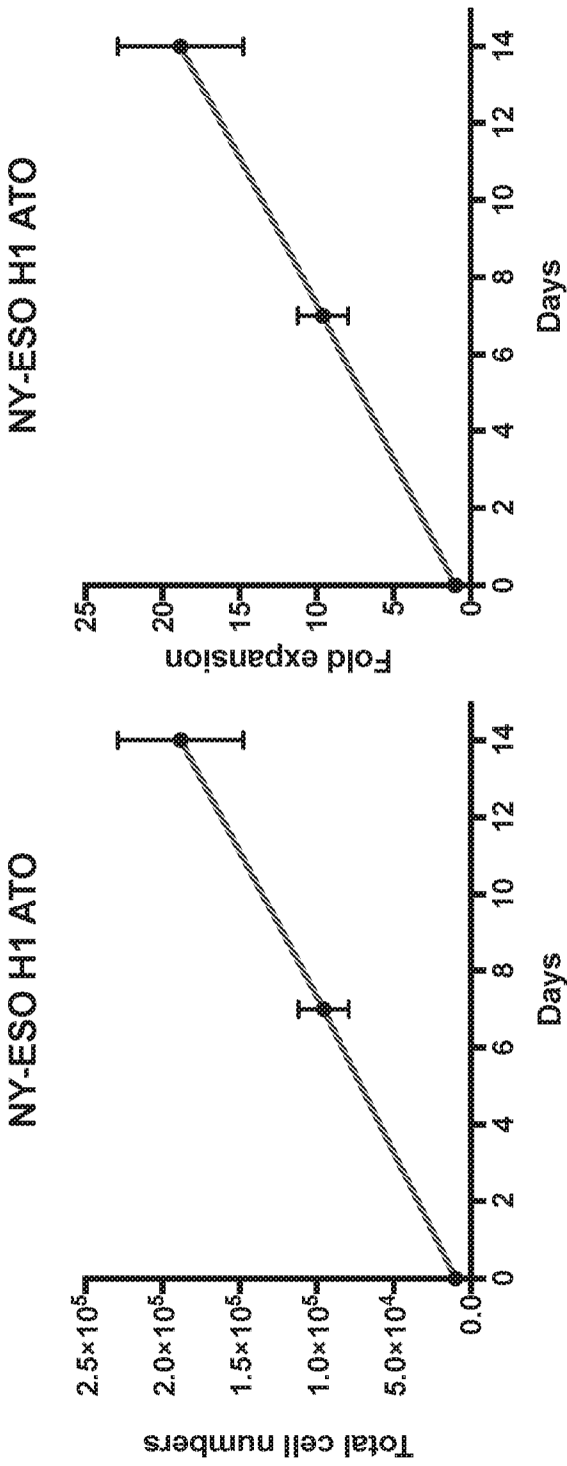


FIG. 48



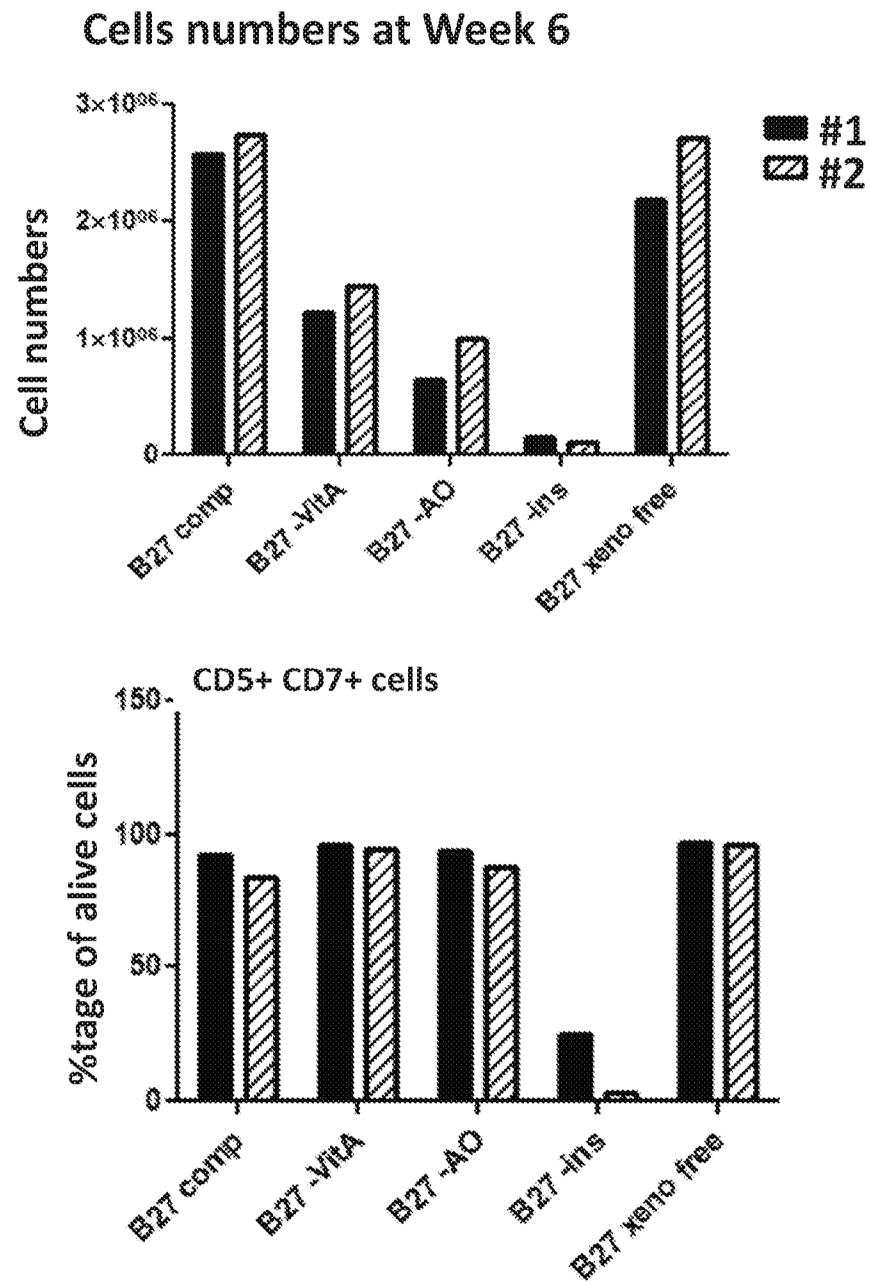


FIG. 49

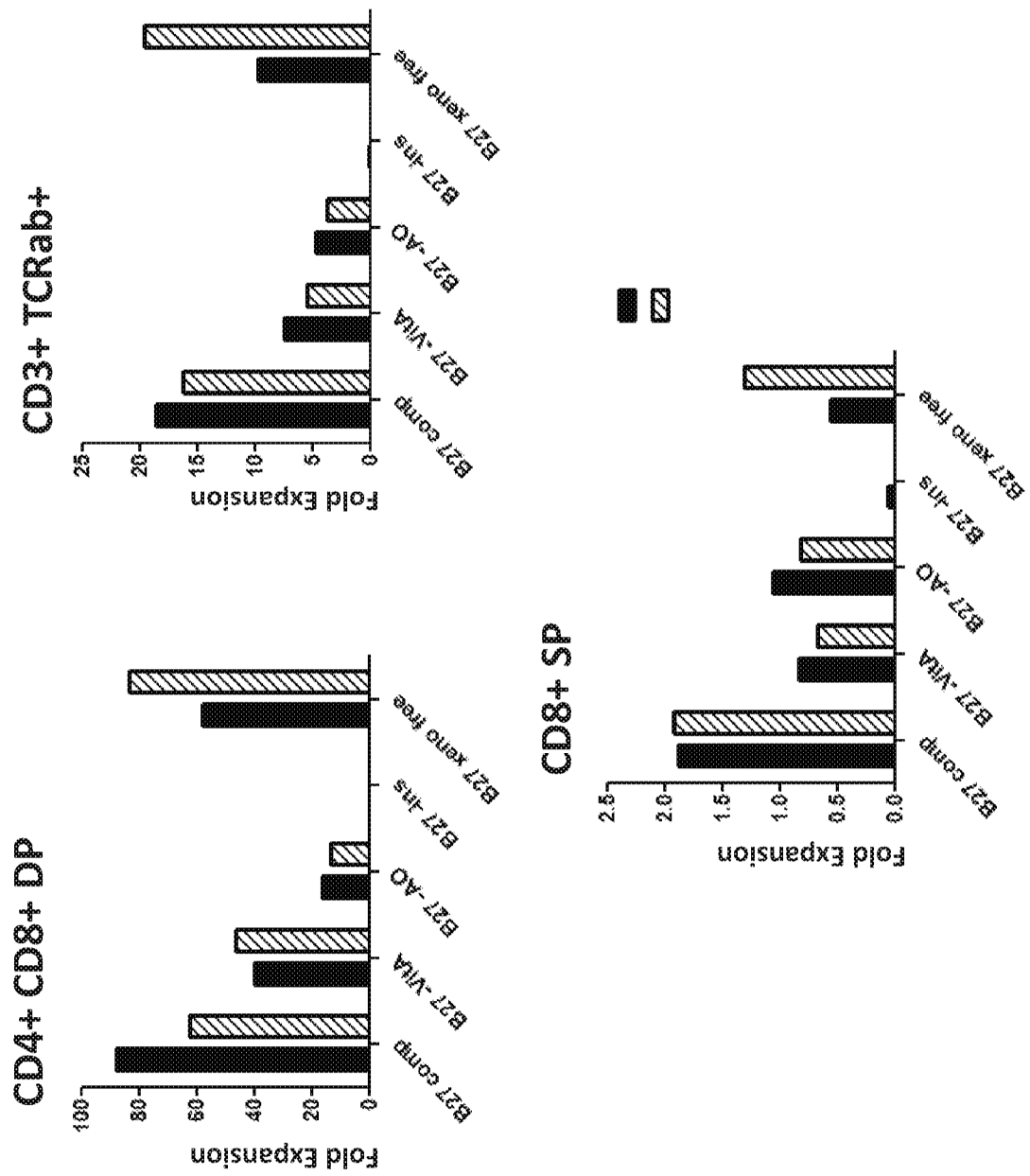


FIG. 50

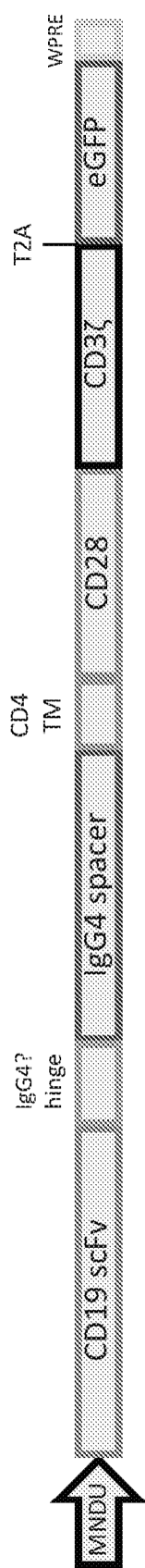


FIG. 51

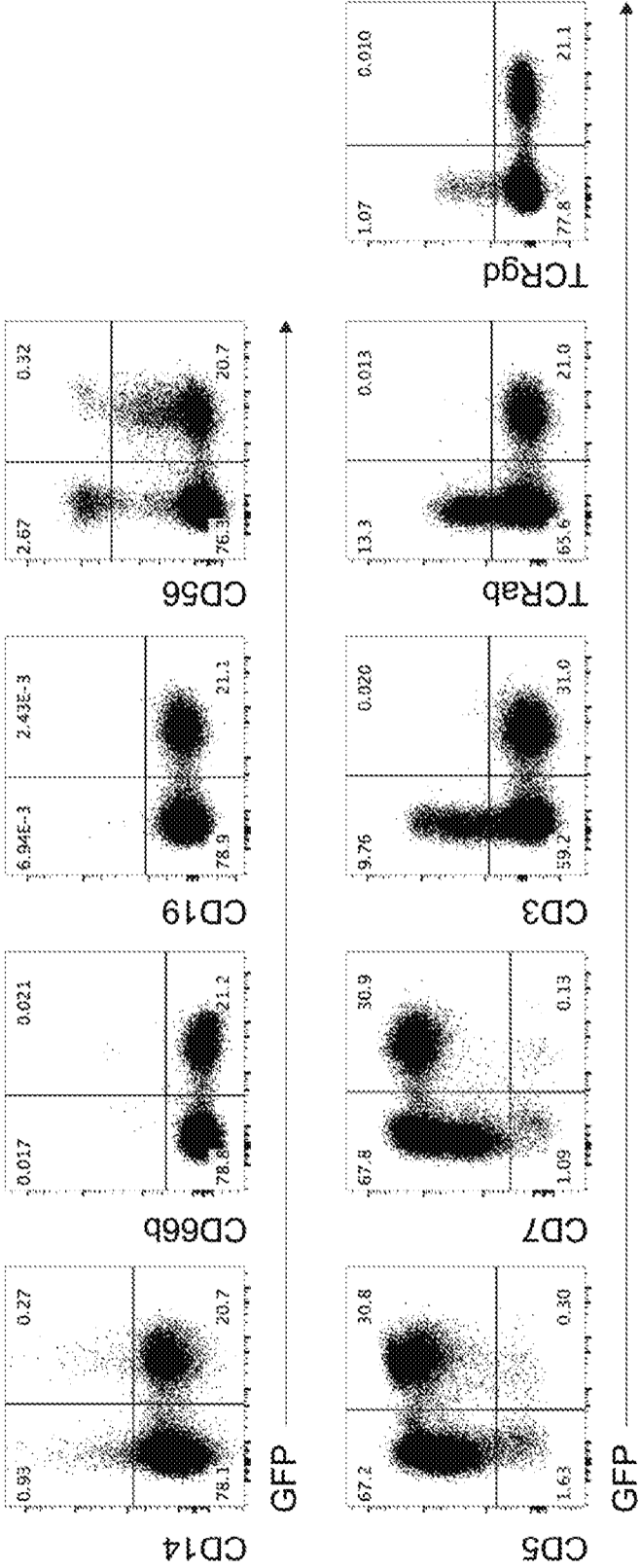


FIG. 52

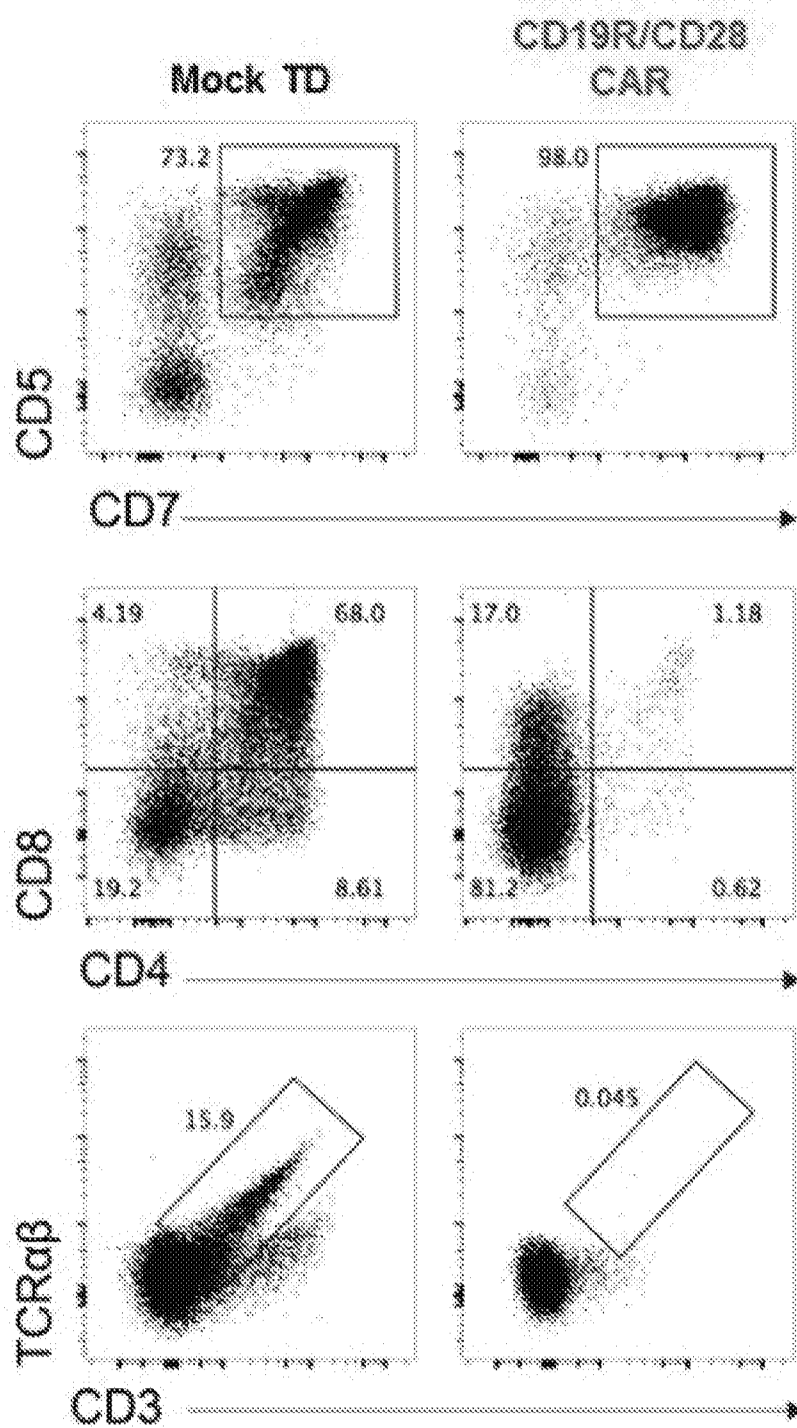


FIG. 53

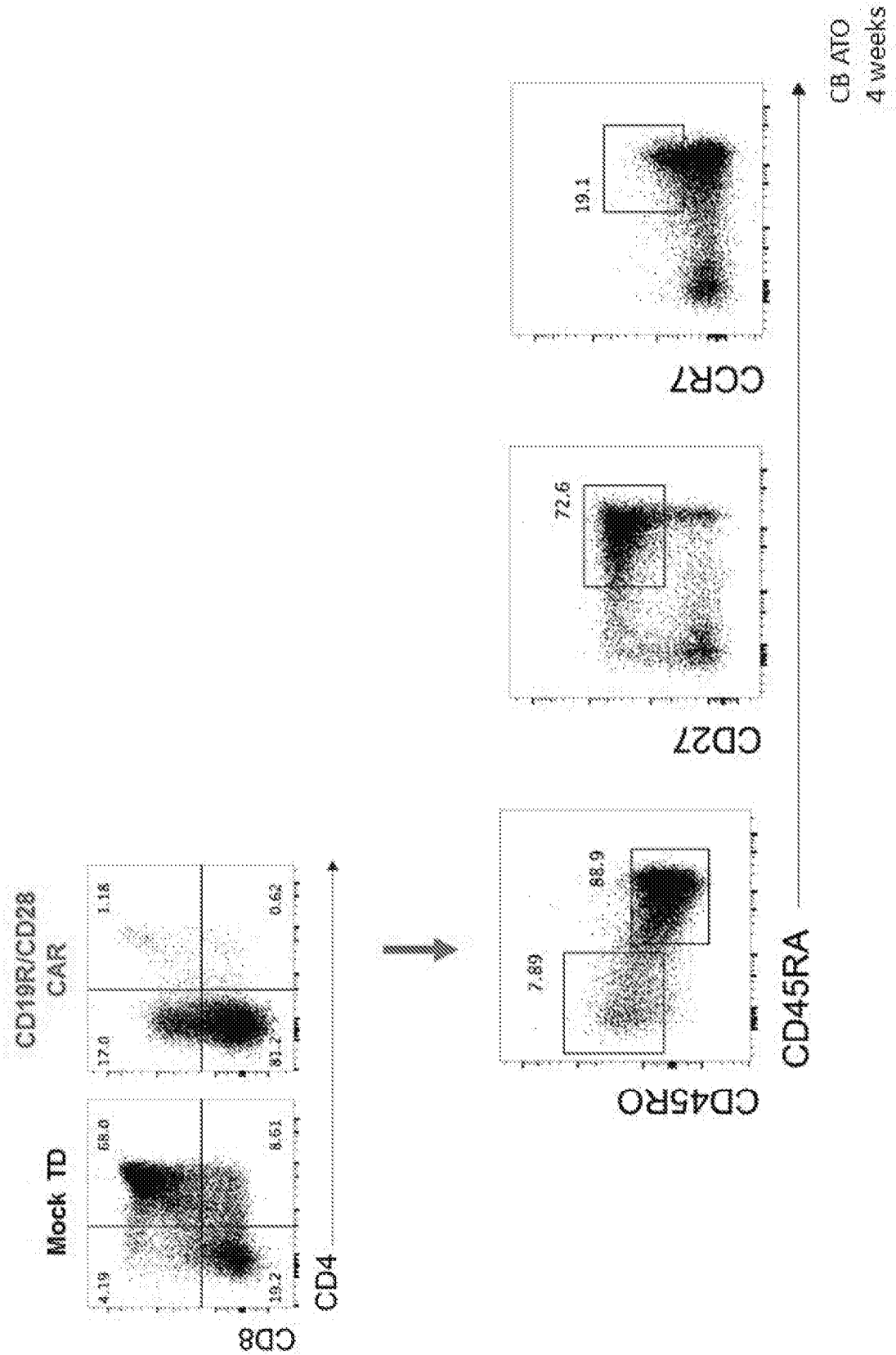


FIG. 54

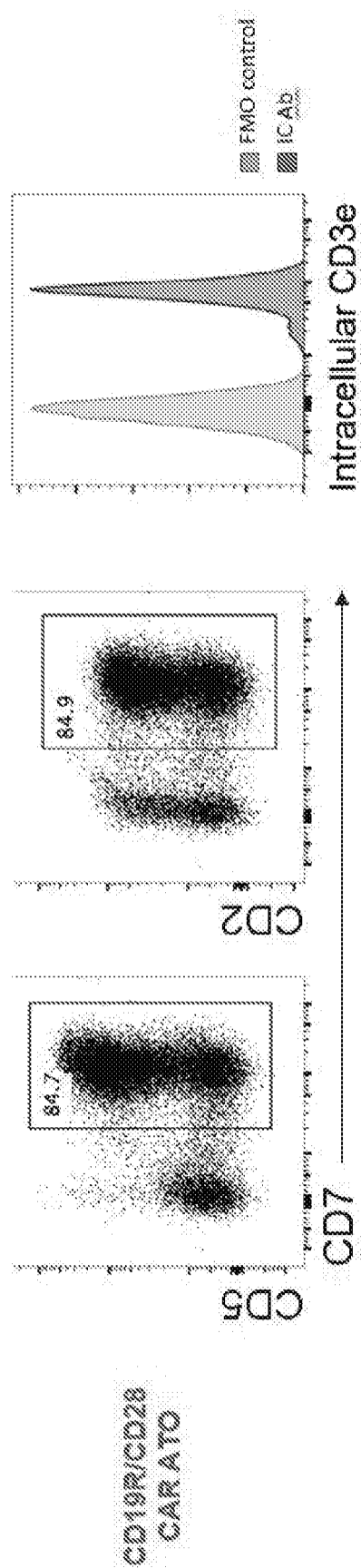


FIG. 55

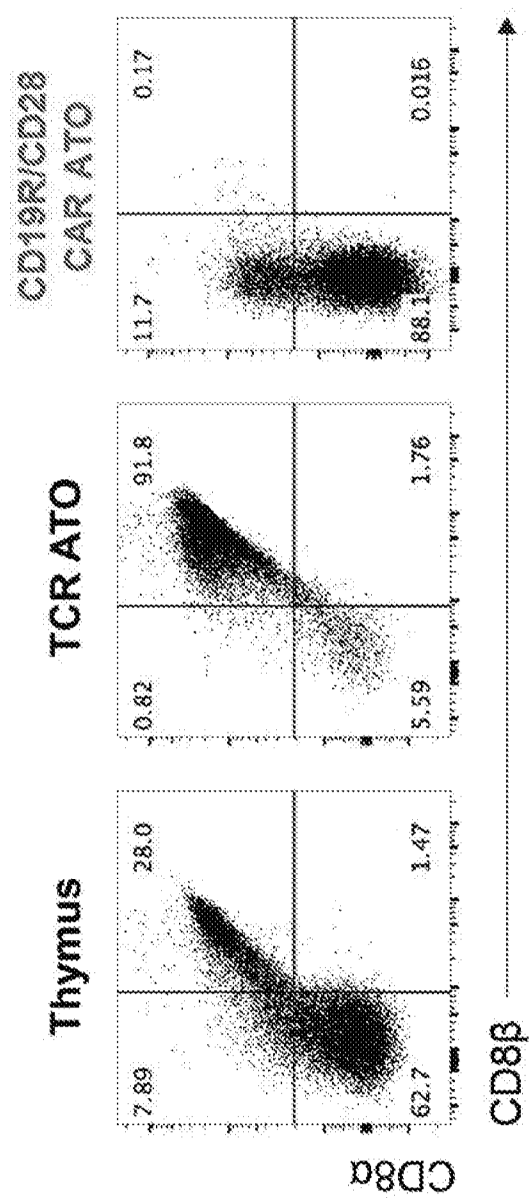


FIG. 56A



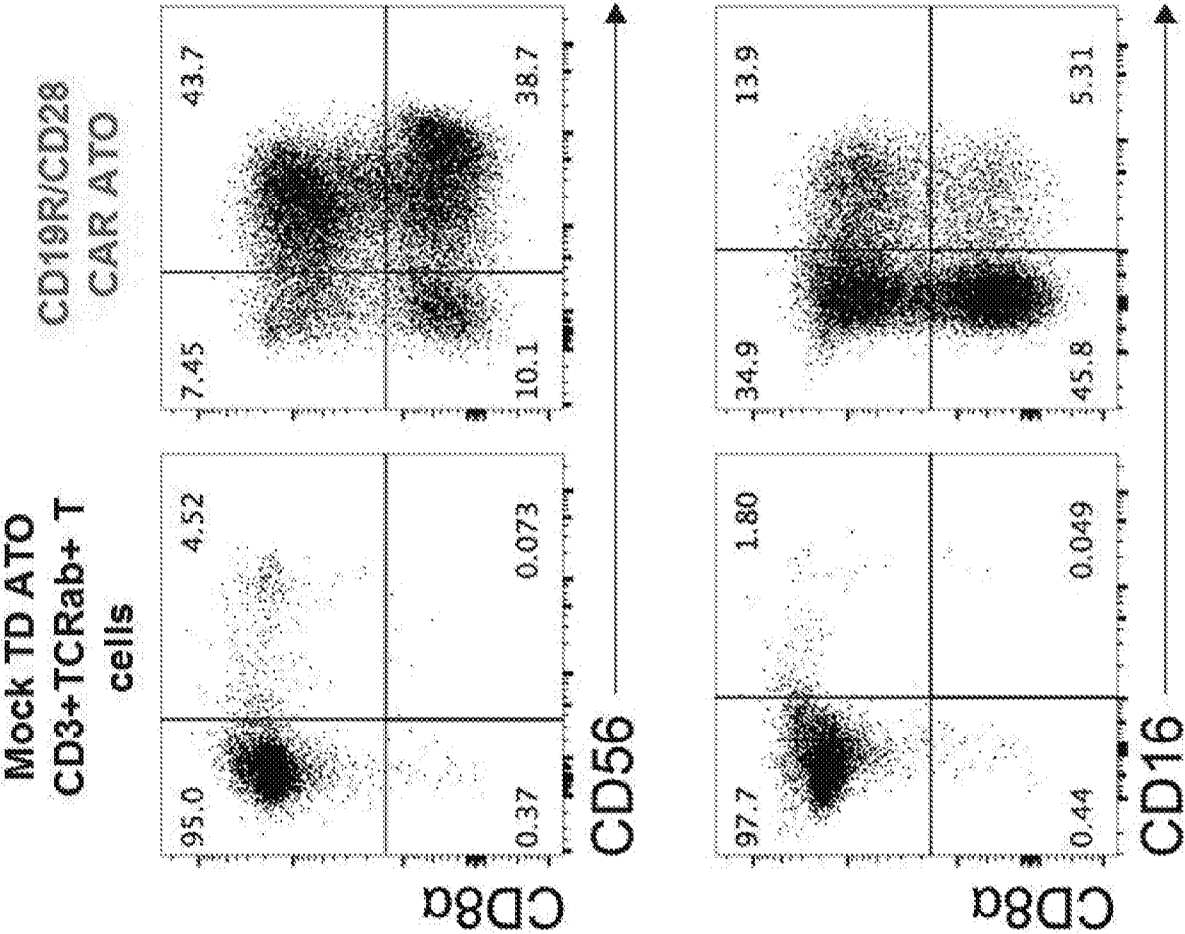


FIG. 56B

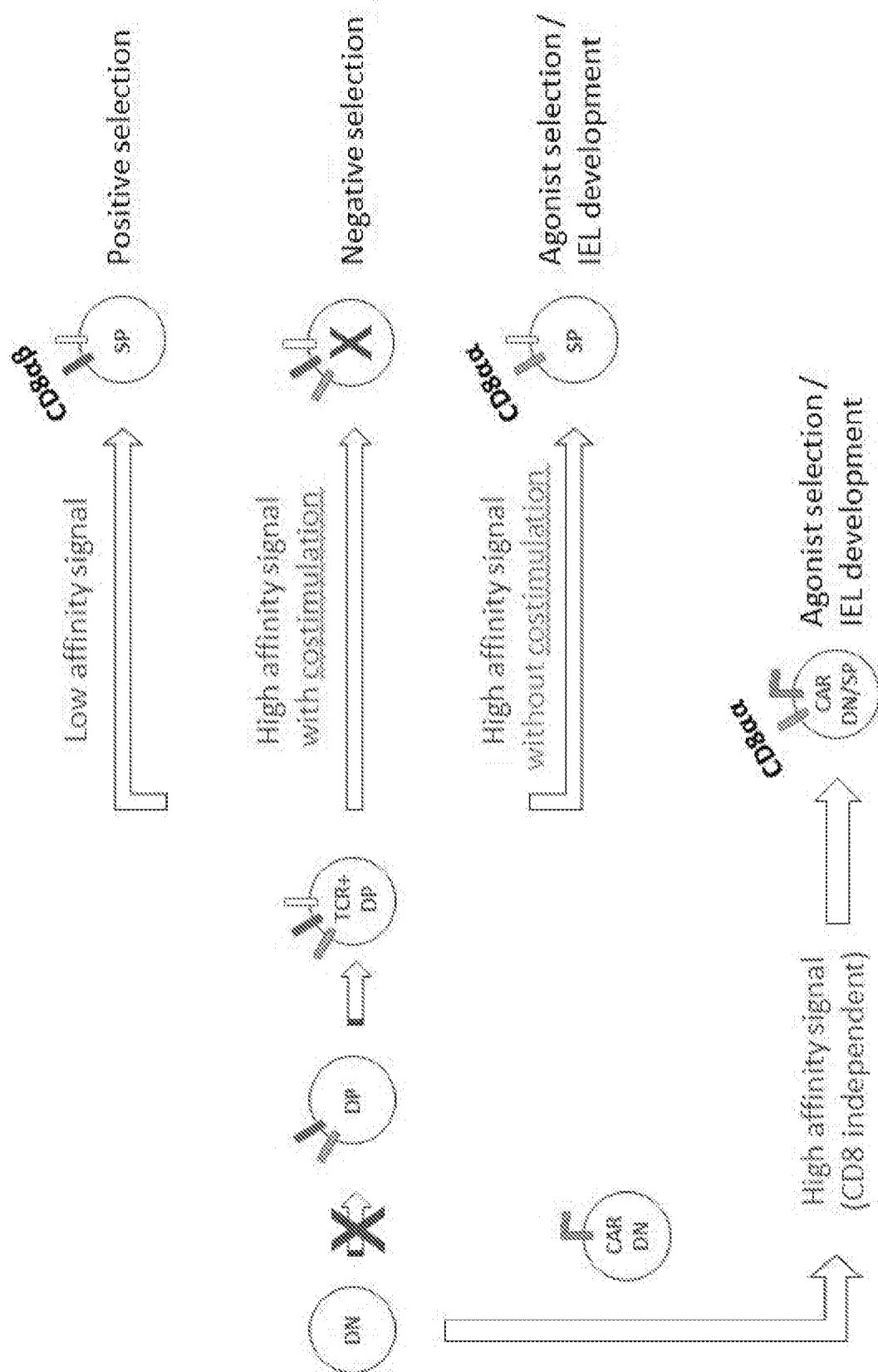


FIG. 57

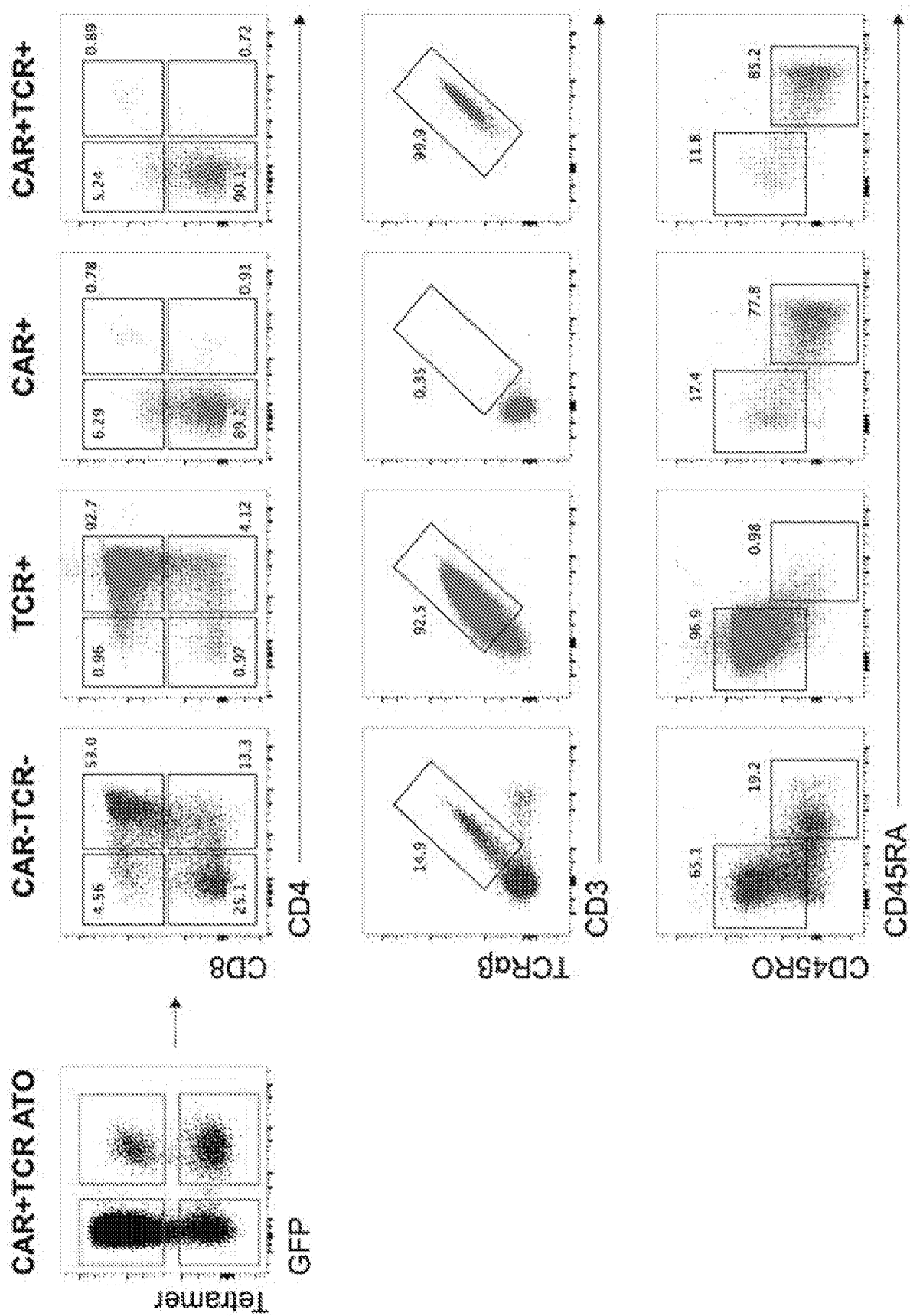


FIG. 58

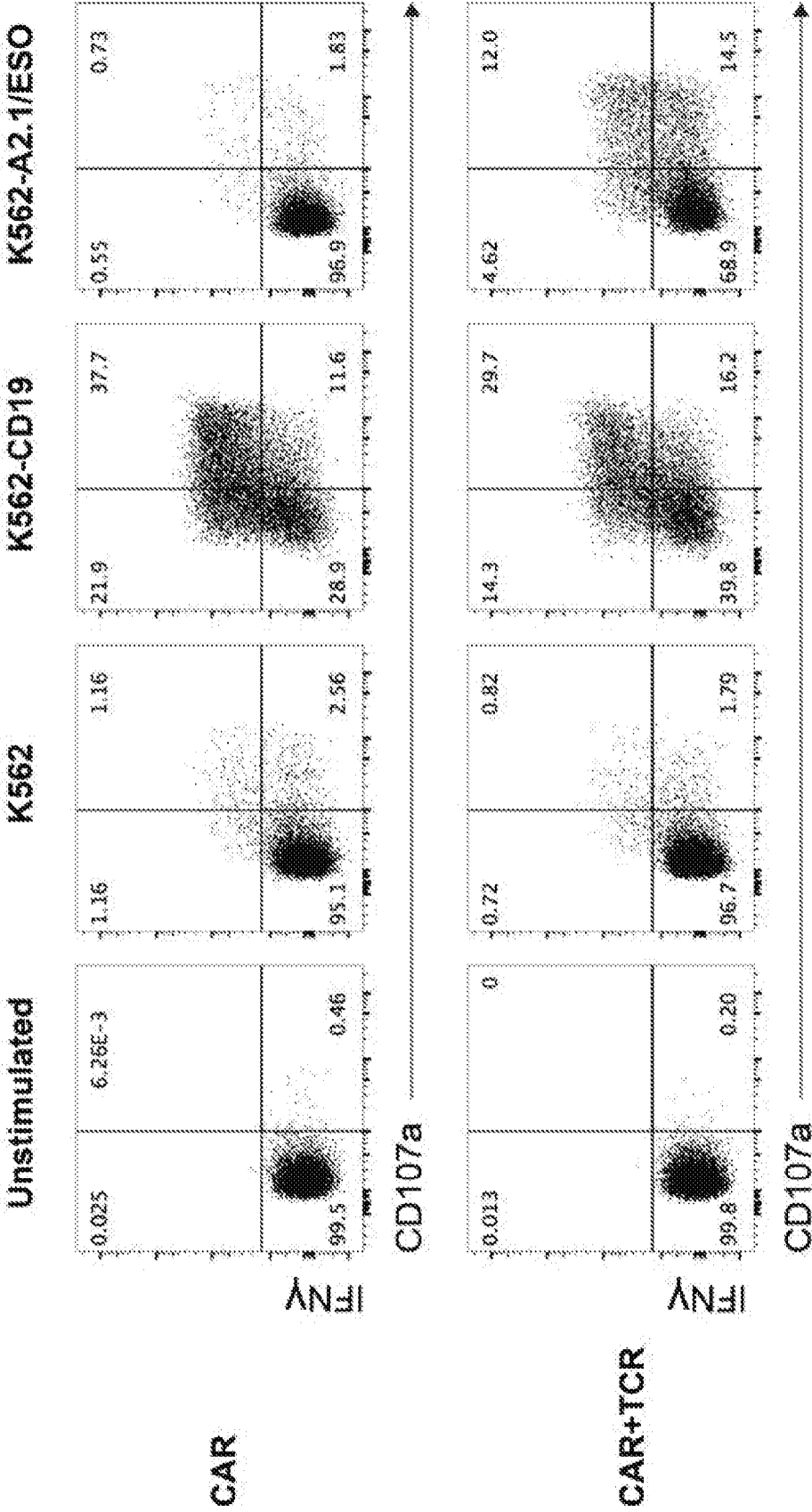


FIG. 59

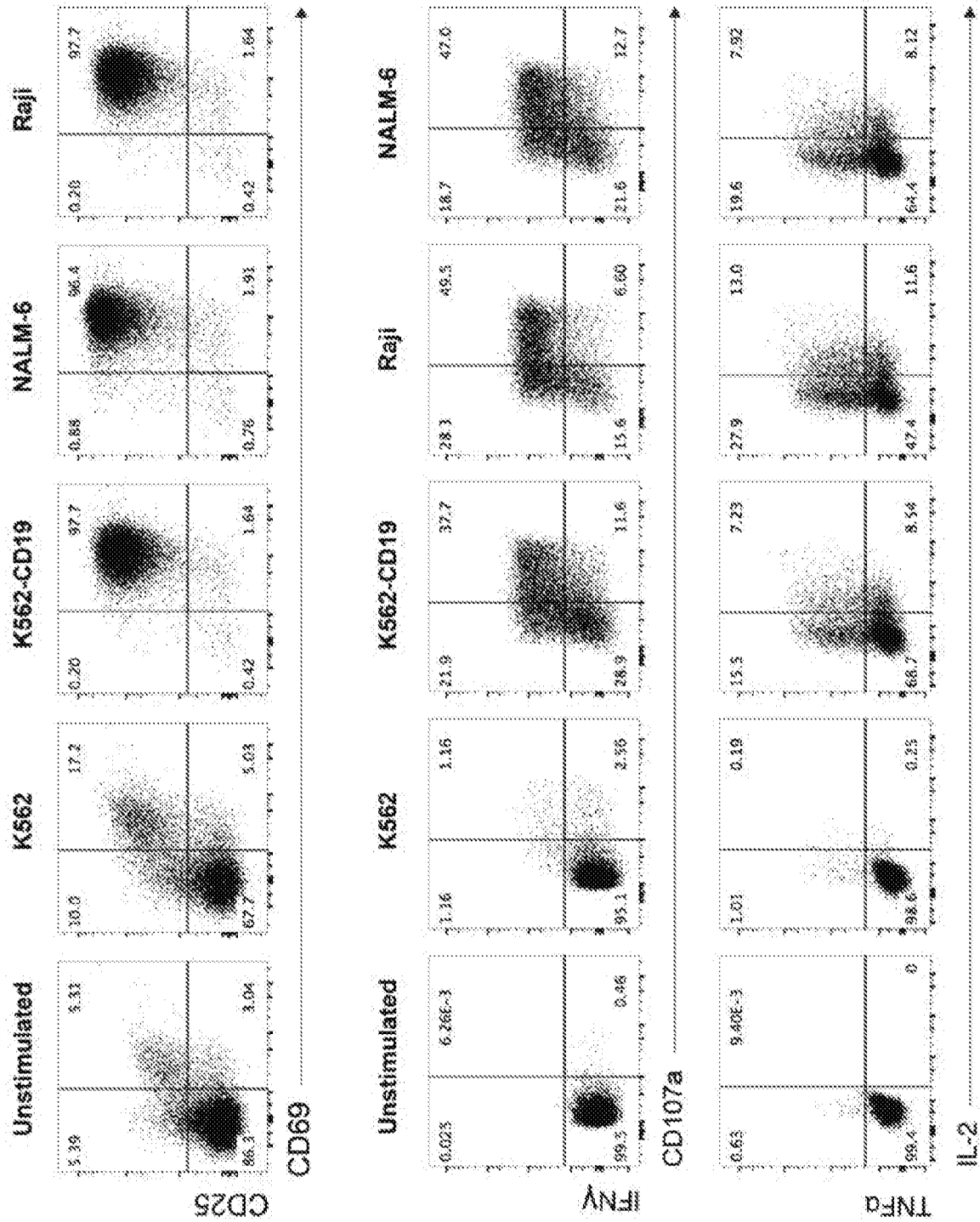


FIG. 60

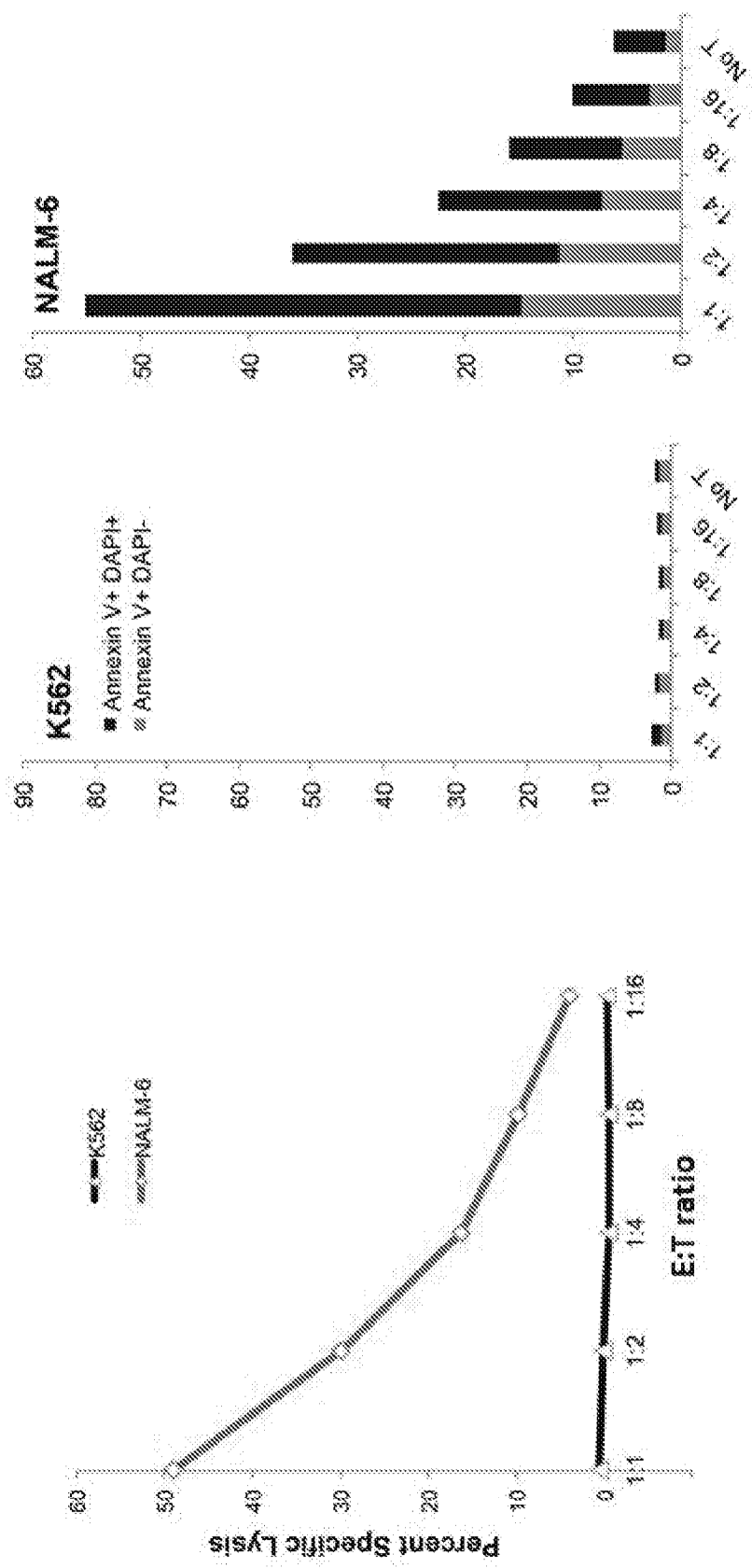


FIG. 61

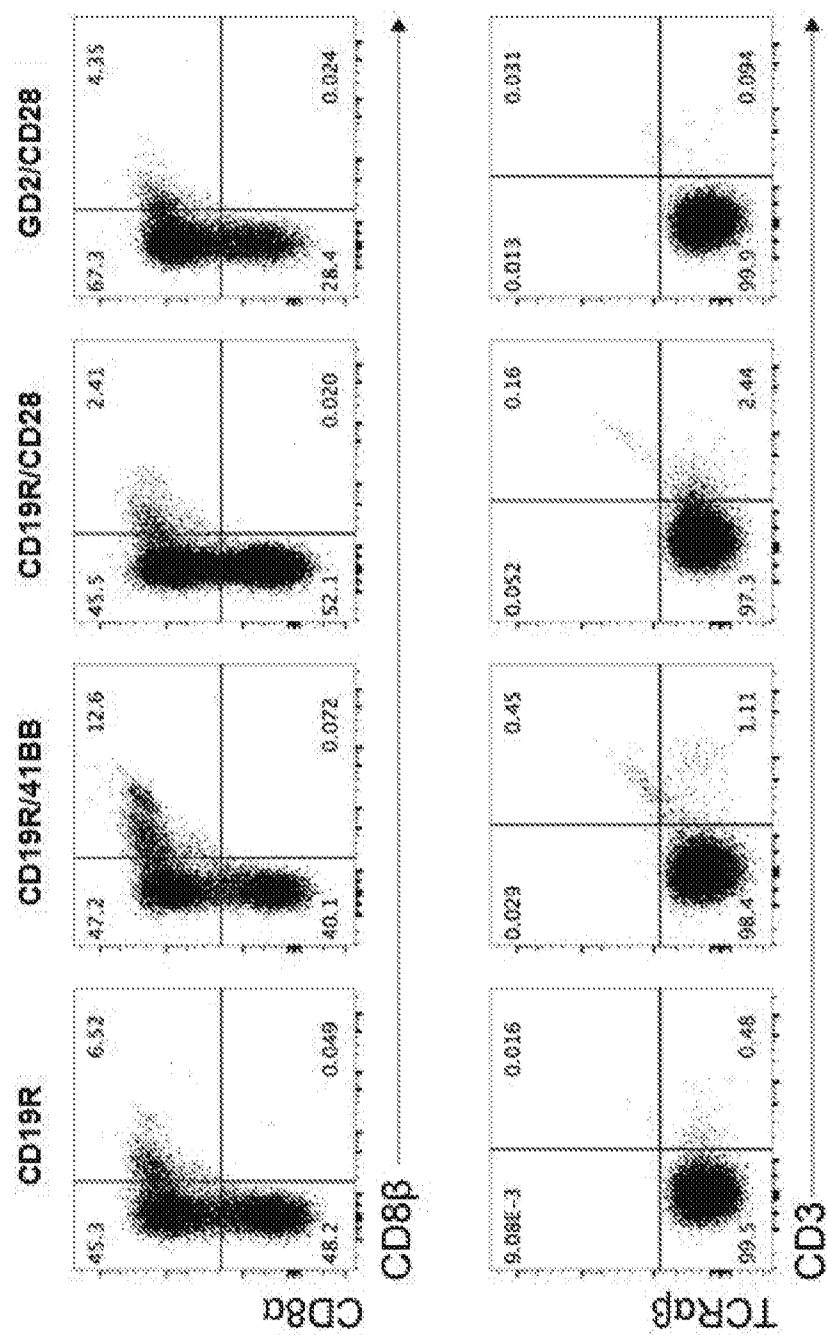


FIG. 62

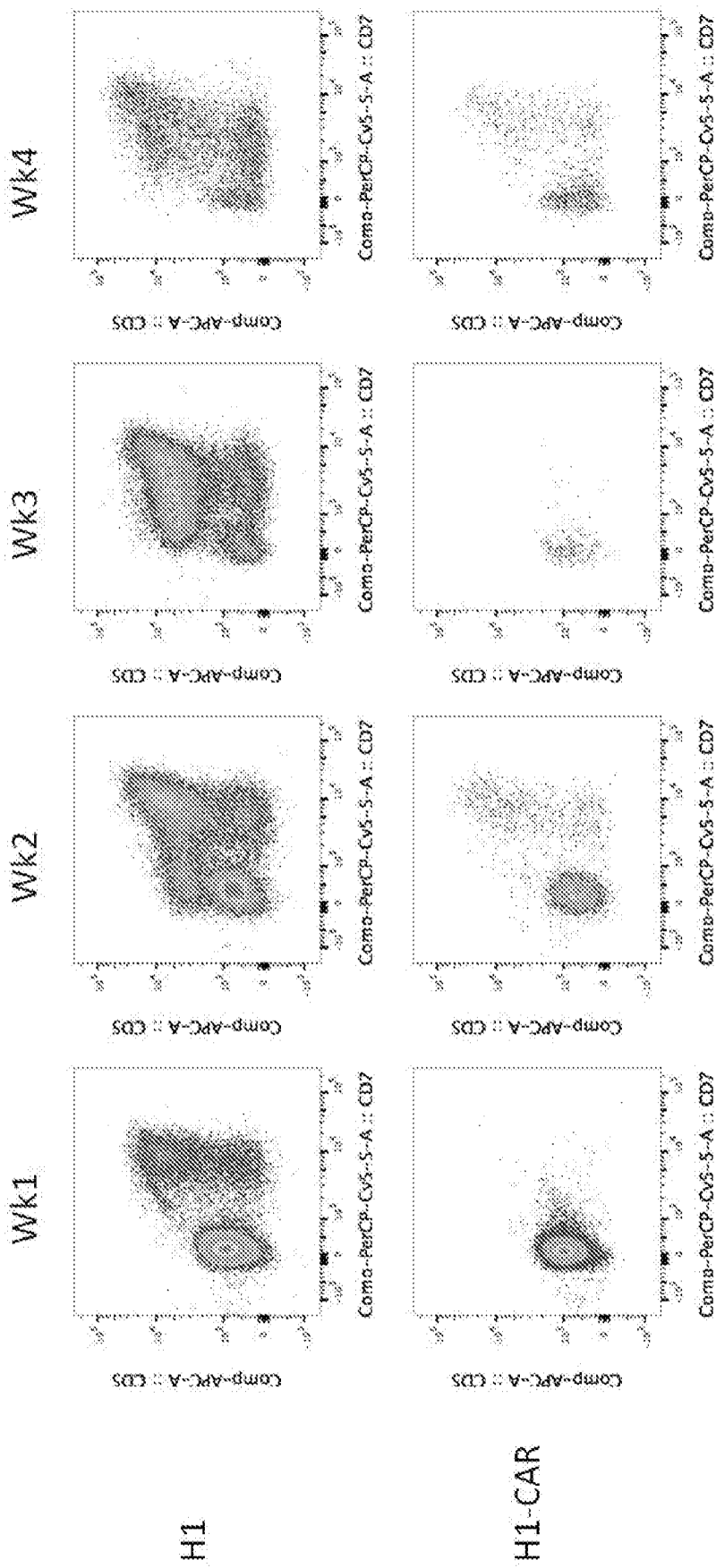


FIG. 63



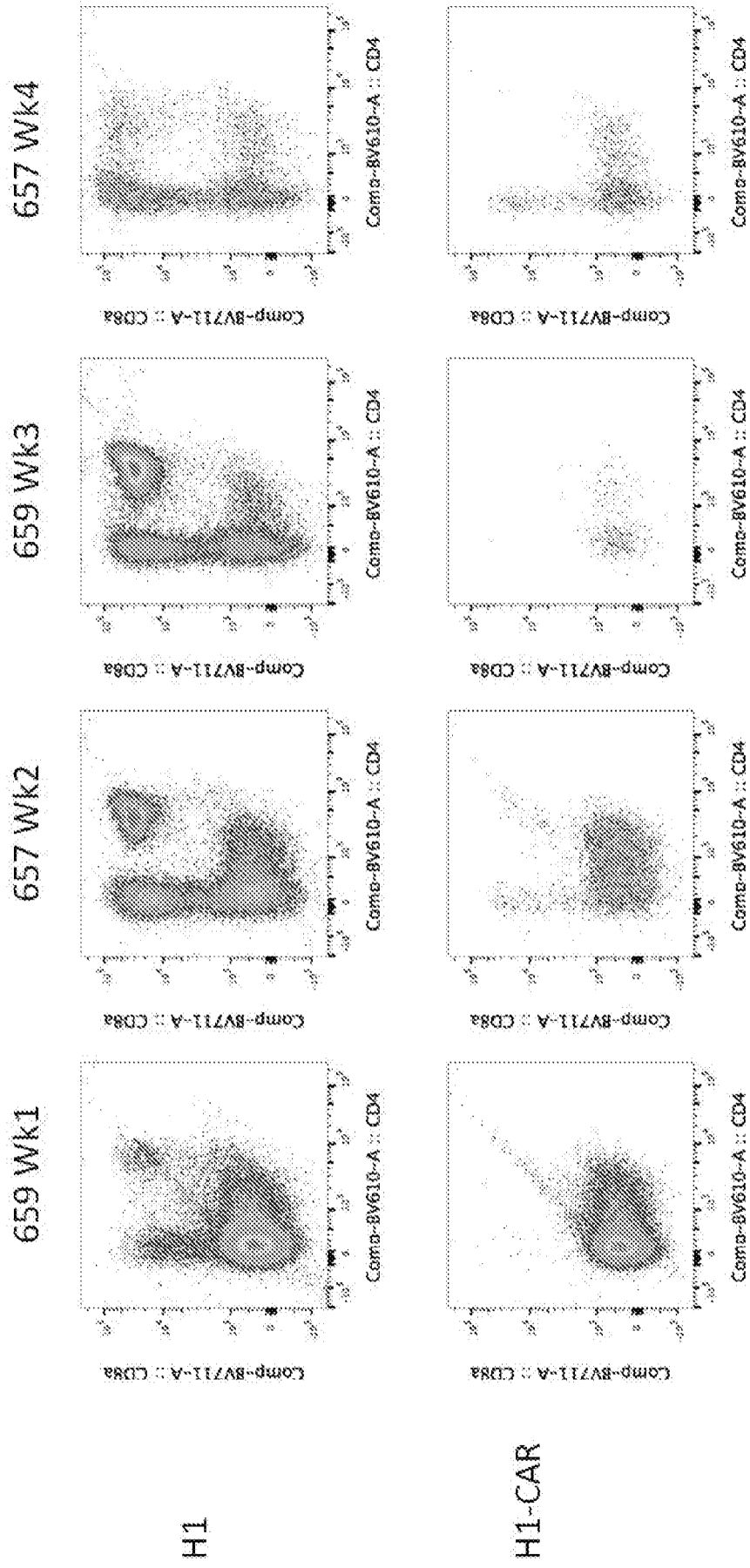


FIG. 64

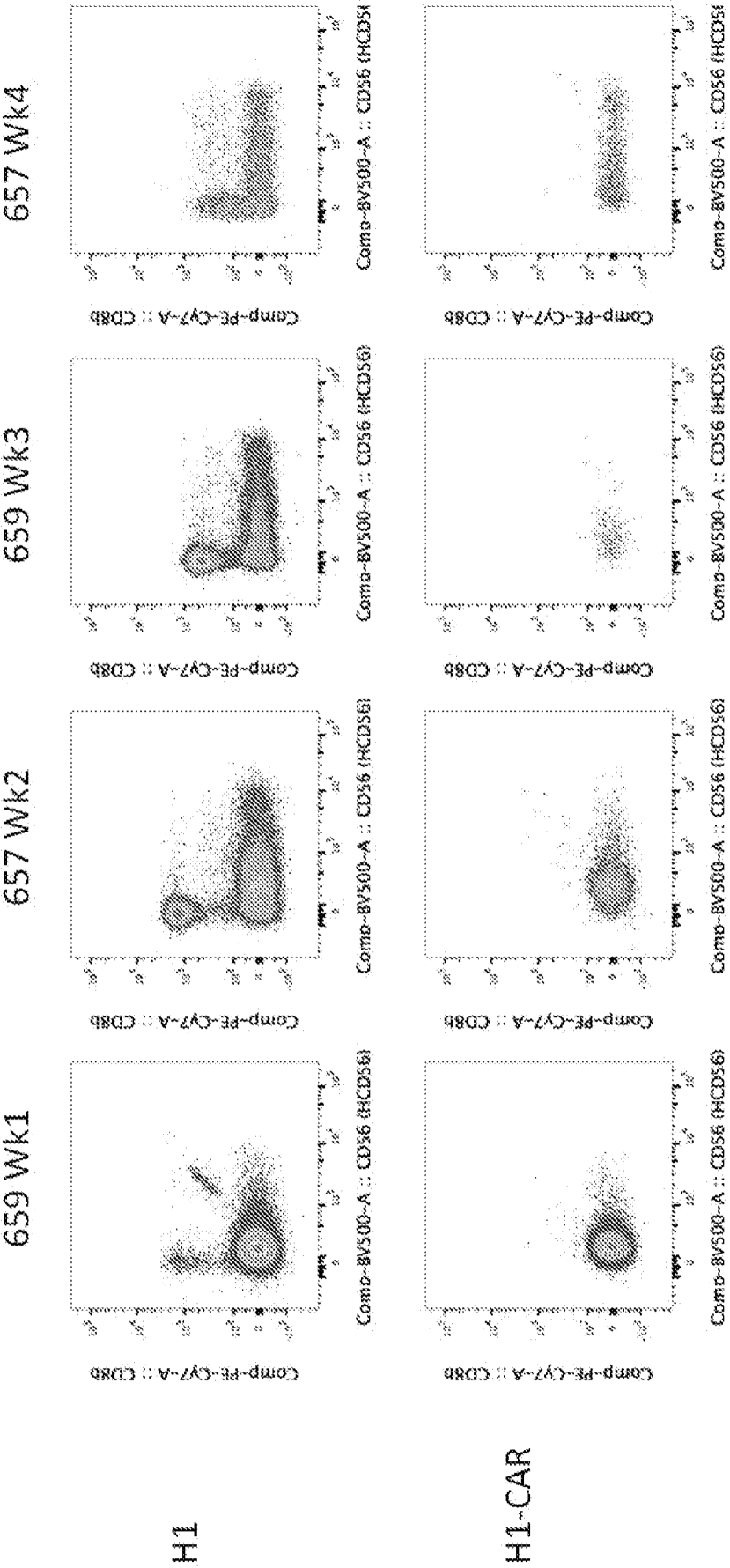


FIG. 65

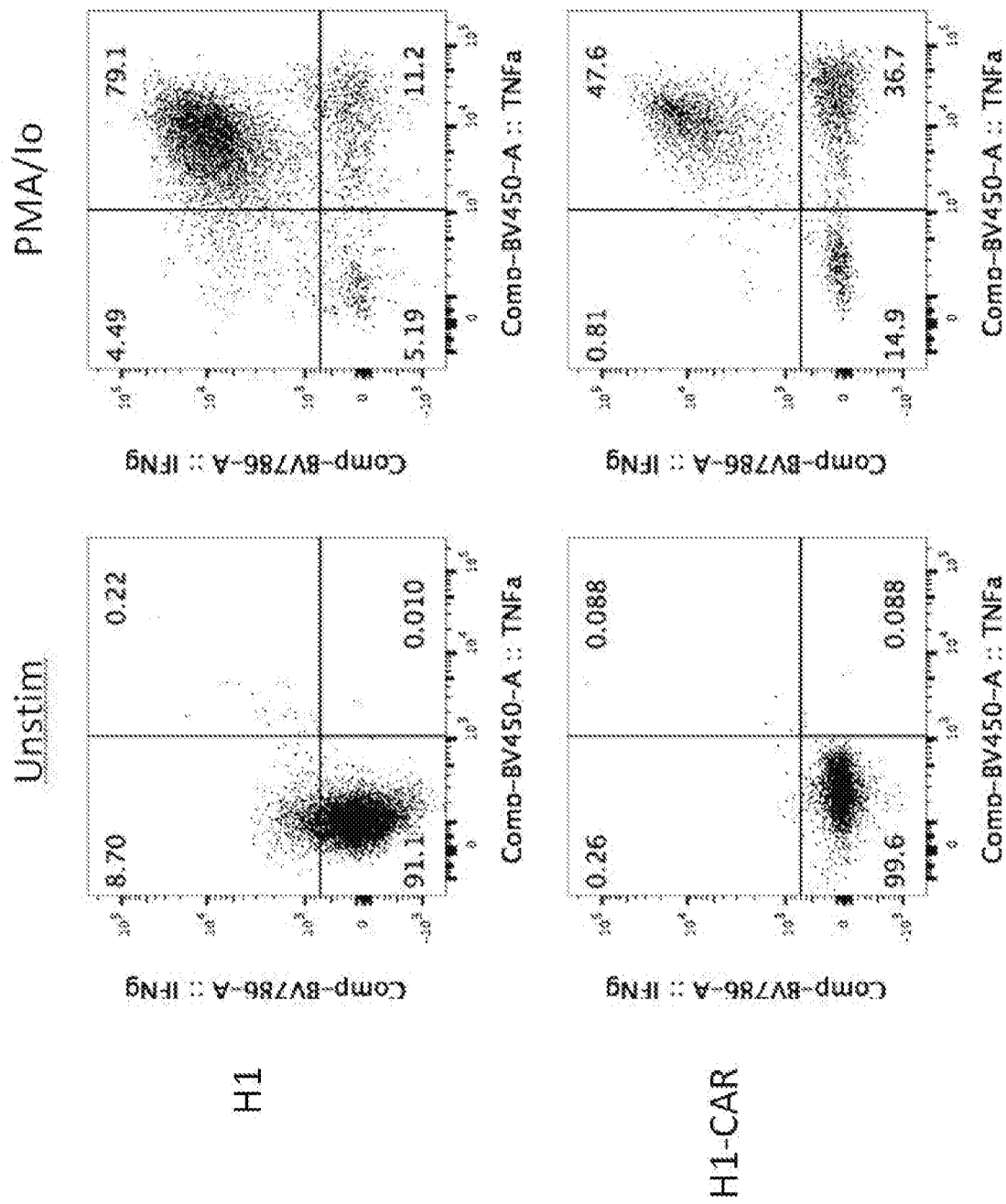


FIG. 66A

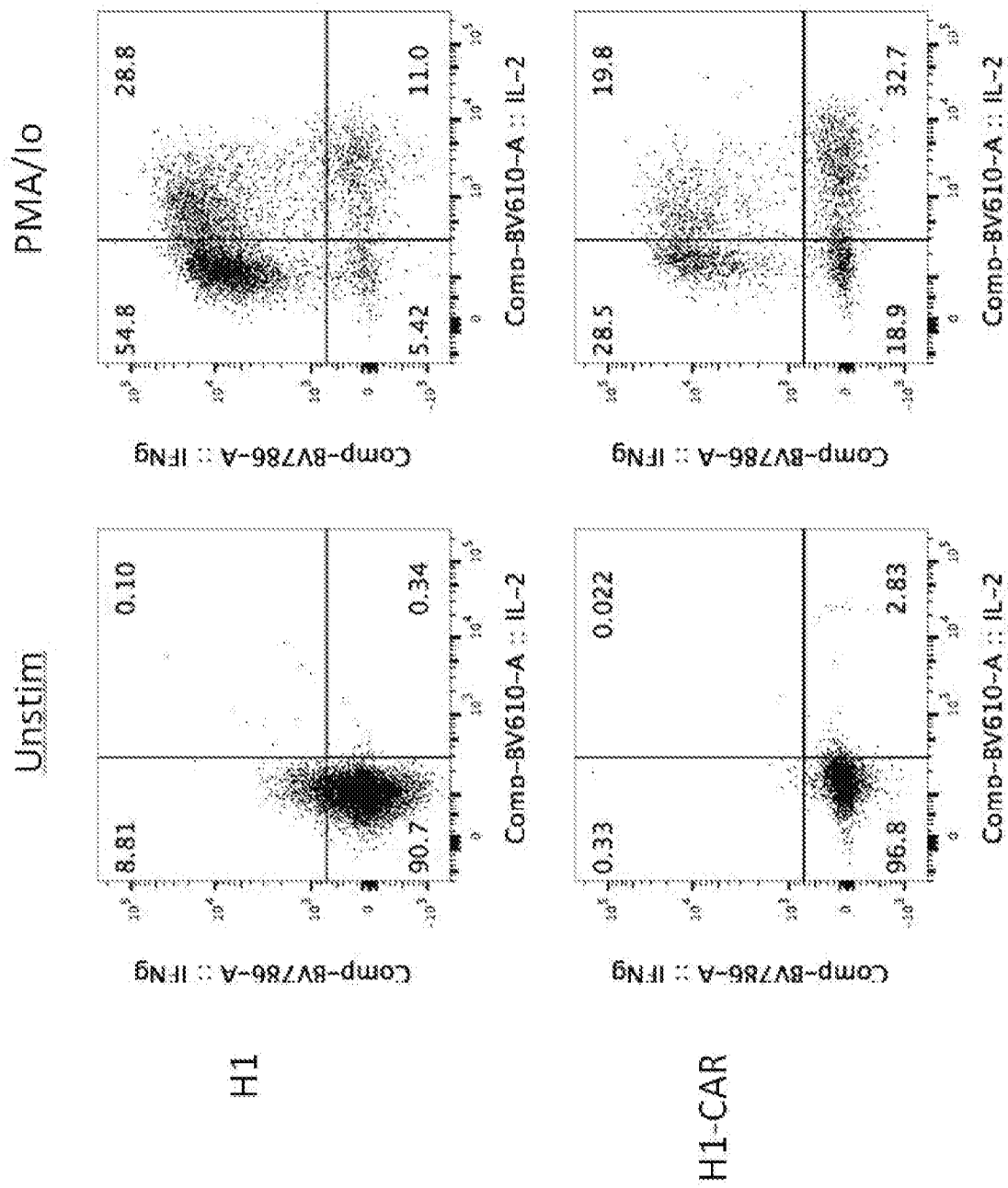


FIG. 66B

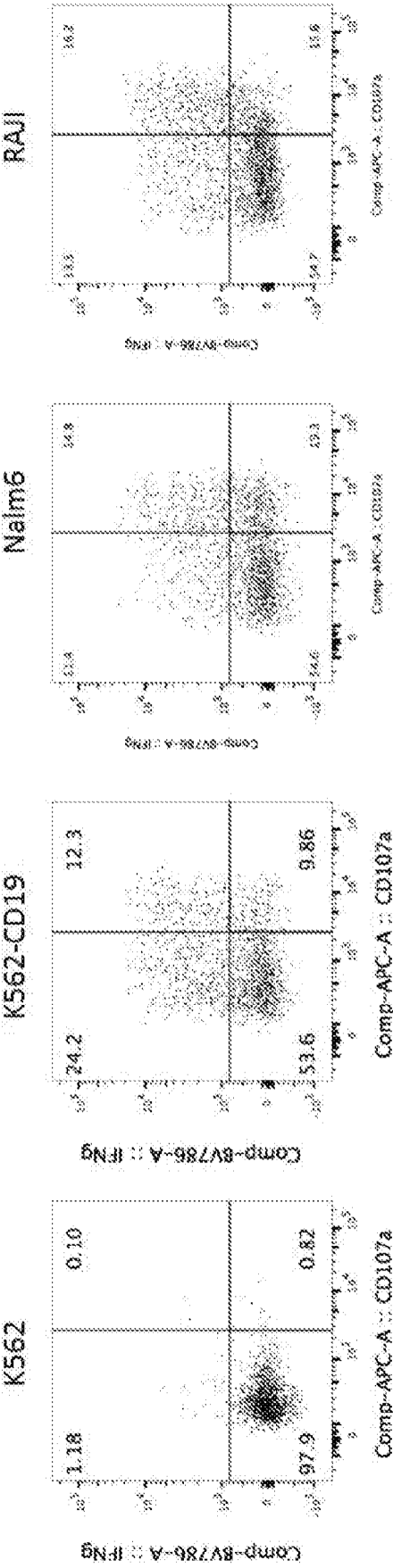


FIG. 67

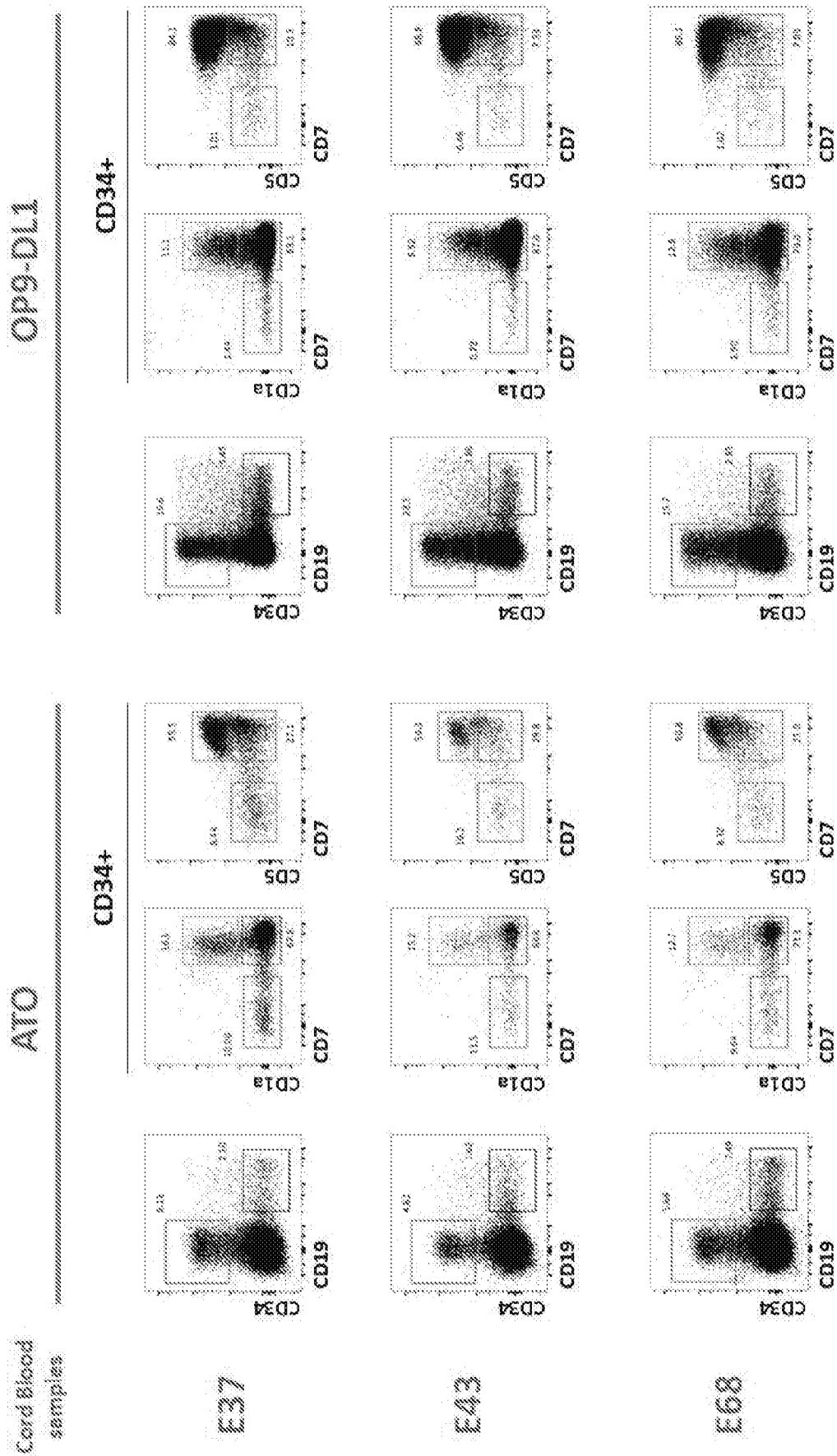


FIG. 68

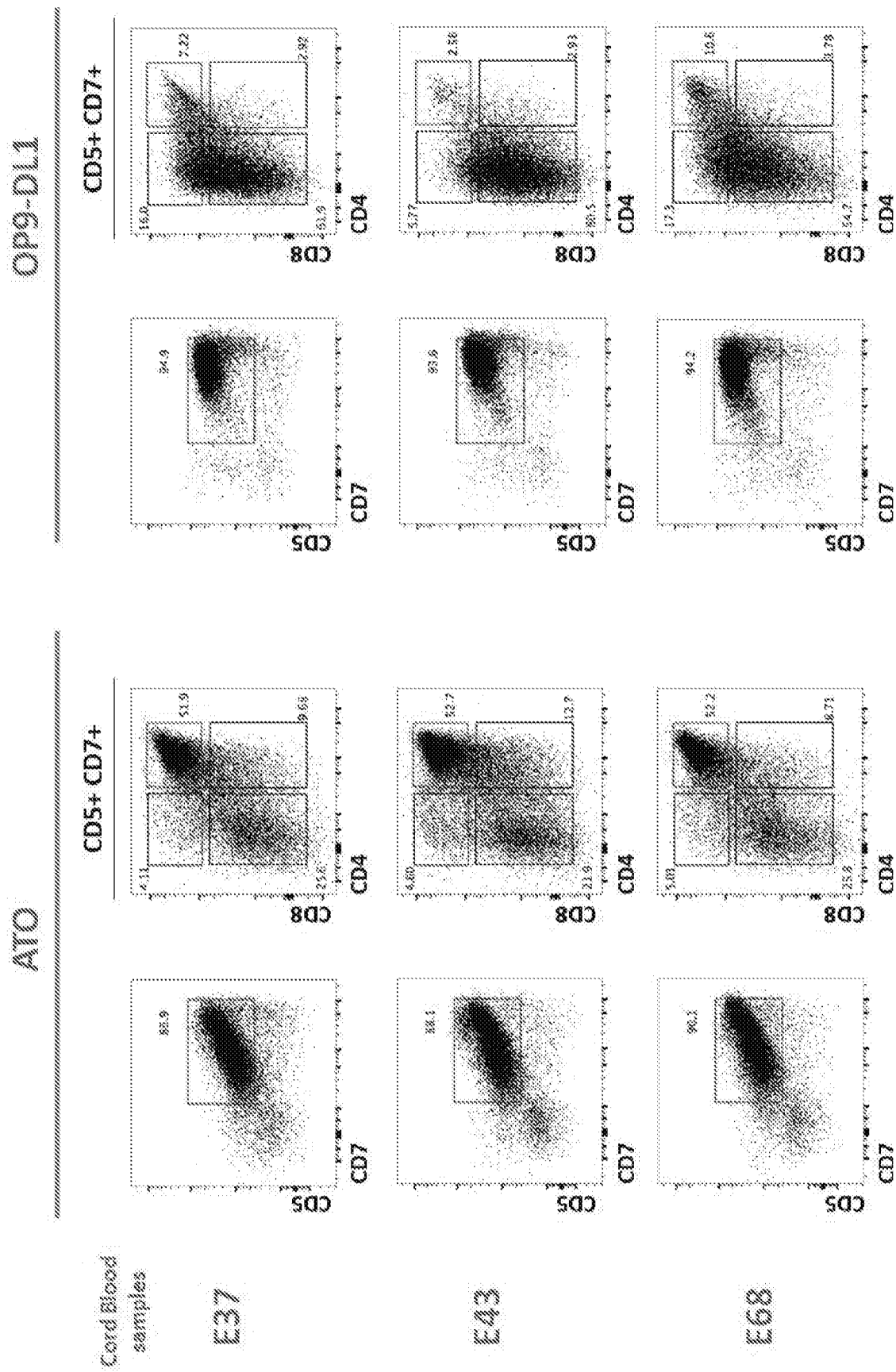


FIG. 69

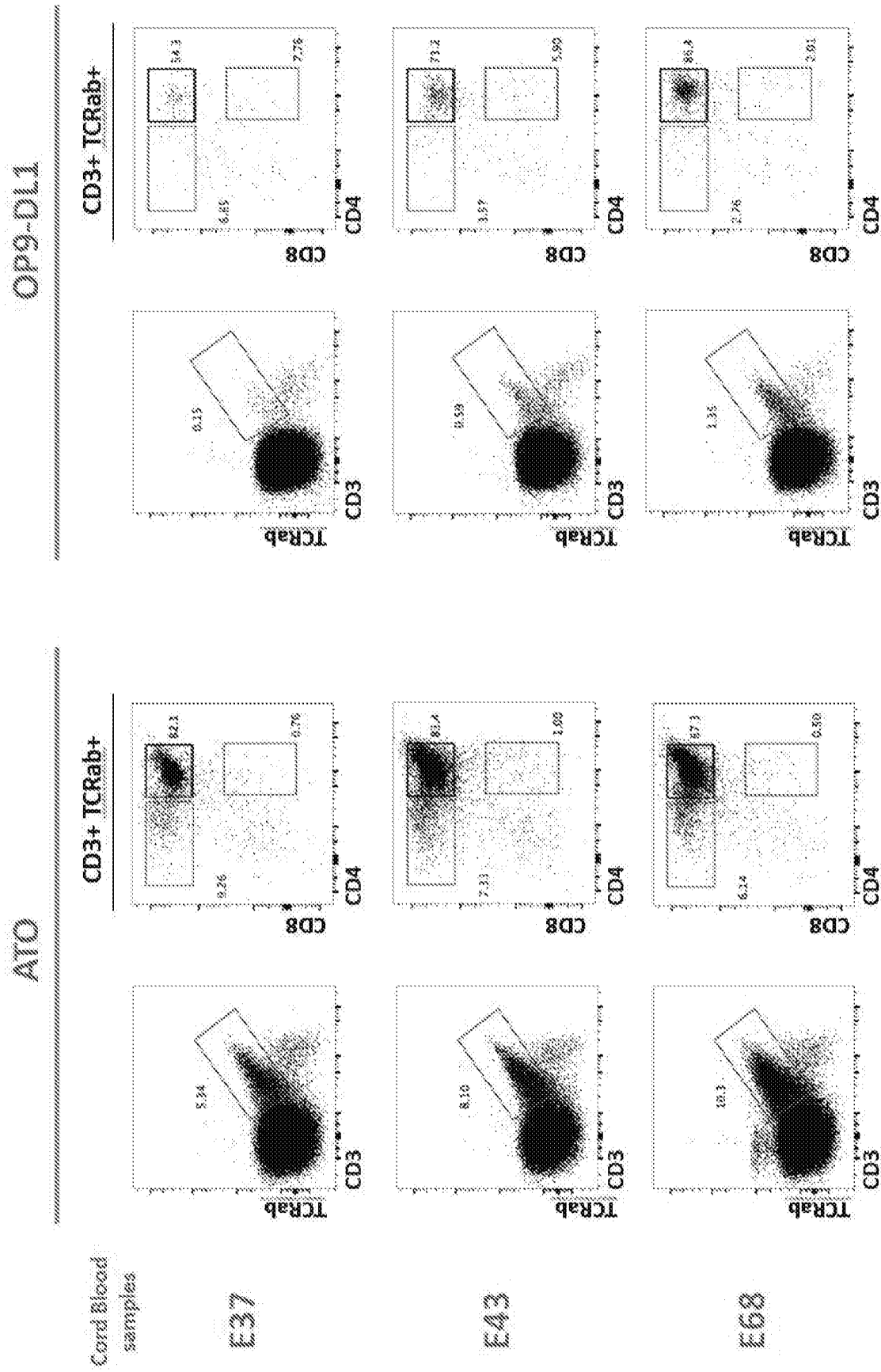


FIG. 70



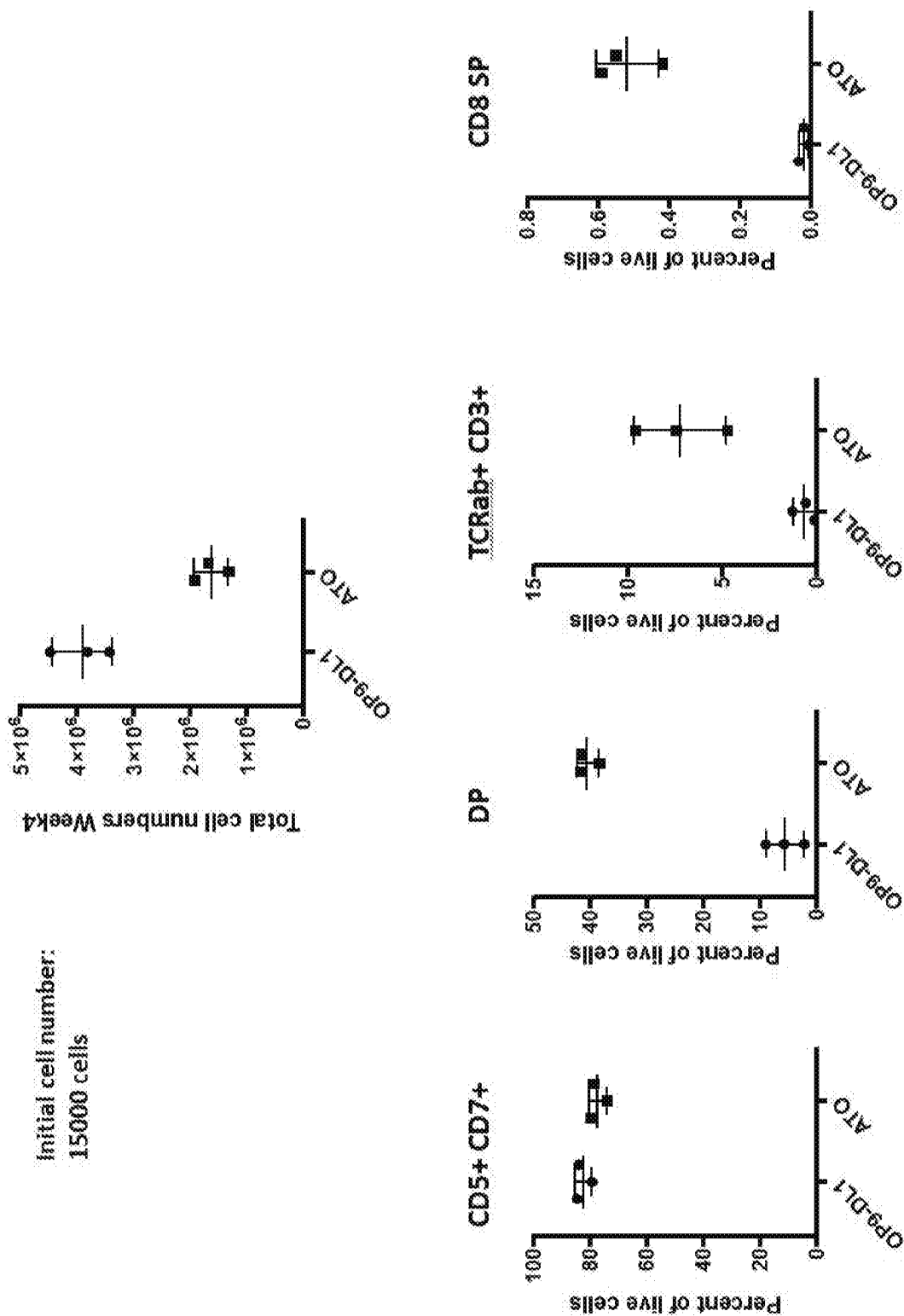


FIG. 71