

FIG. 1A

FIG. 1B

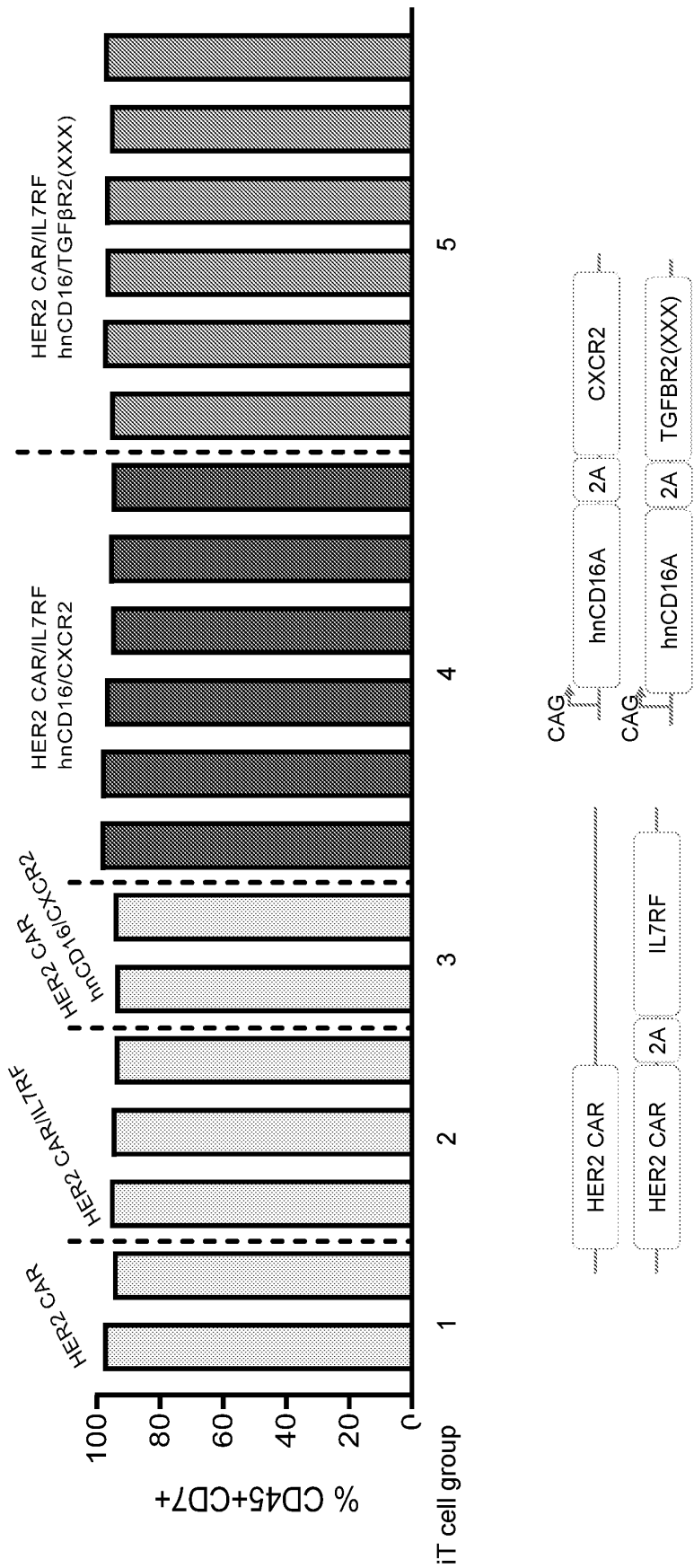
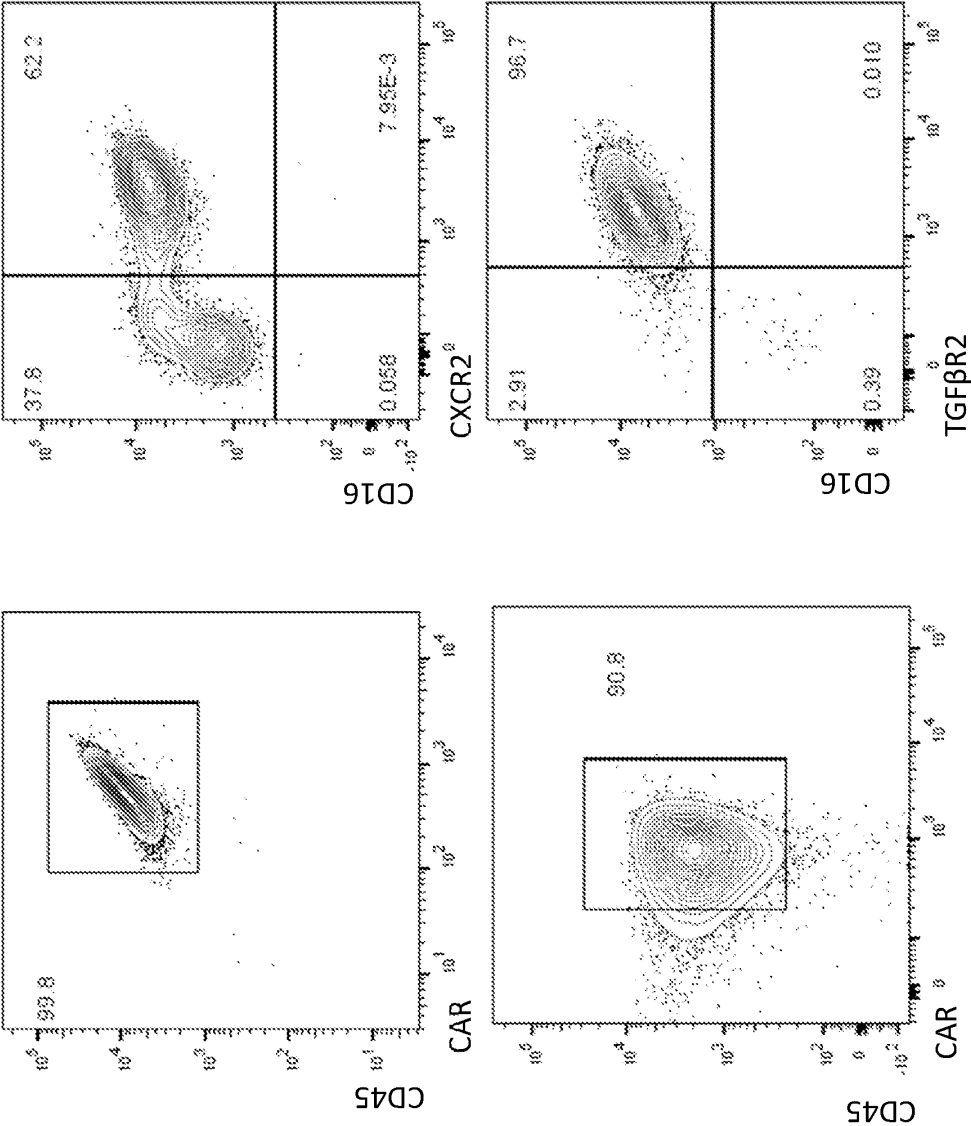


FIG. 1C

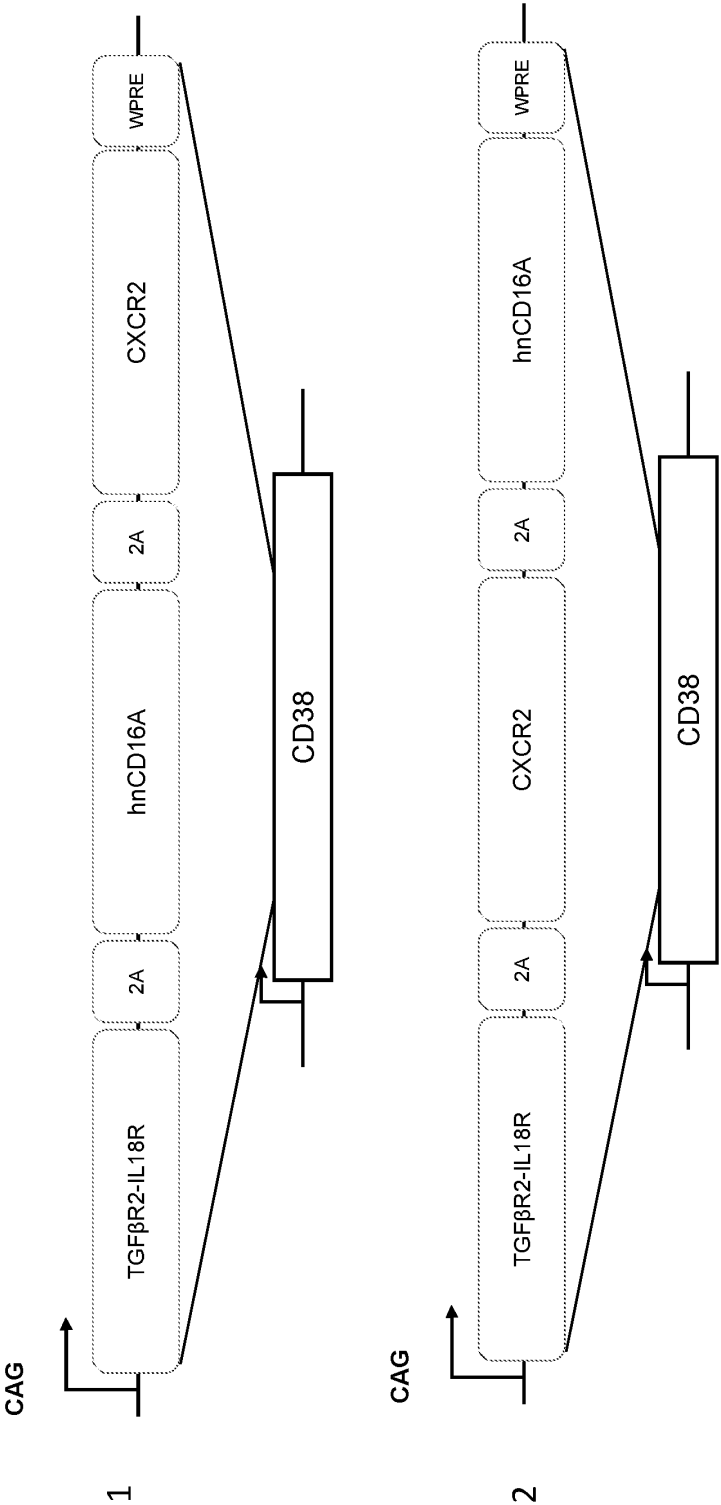
iT cell group 4
TRAC: HER2 CAR/IL7RF
CD38: hnCD16/CXCR2



iT cell group 5
TRAC: HER2 CAR/IL7RF
CD38: hnCD16/TGFβR2(IL12RB)

FIG. 1D

Tricistron configurations



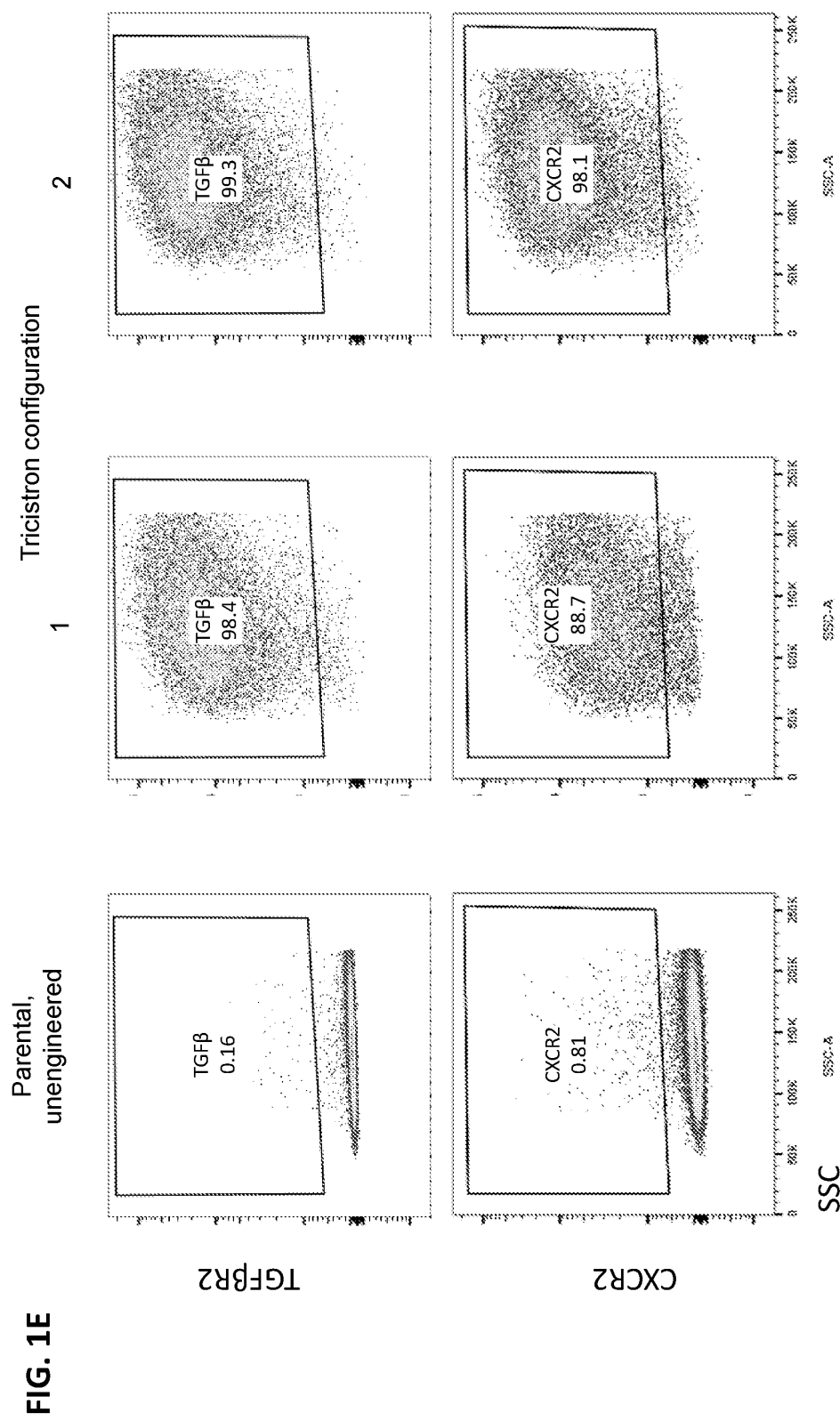


FIG. 2A

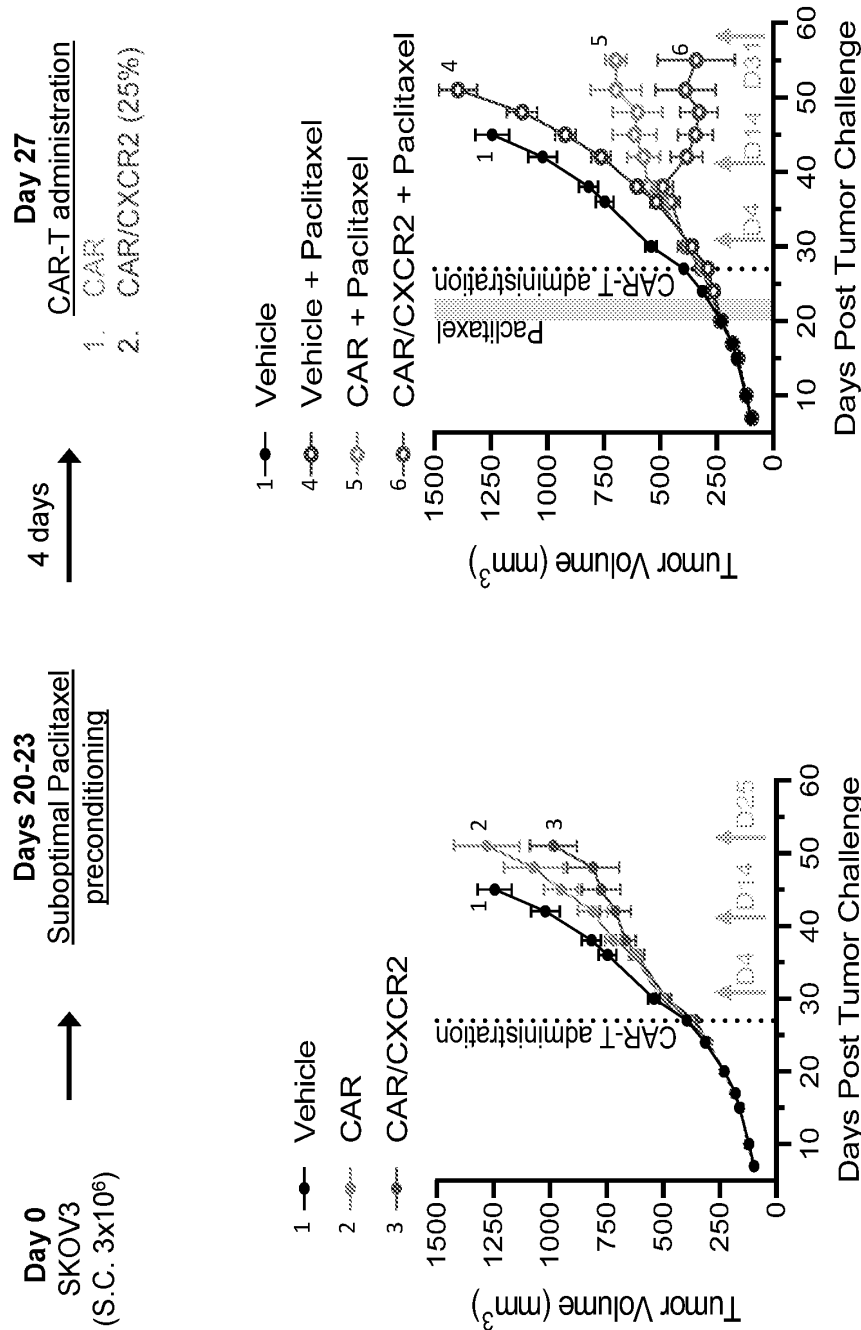


FIG. 2B

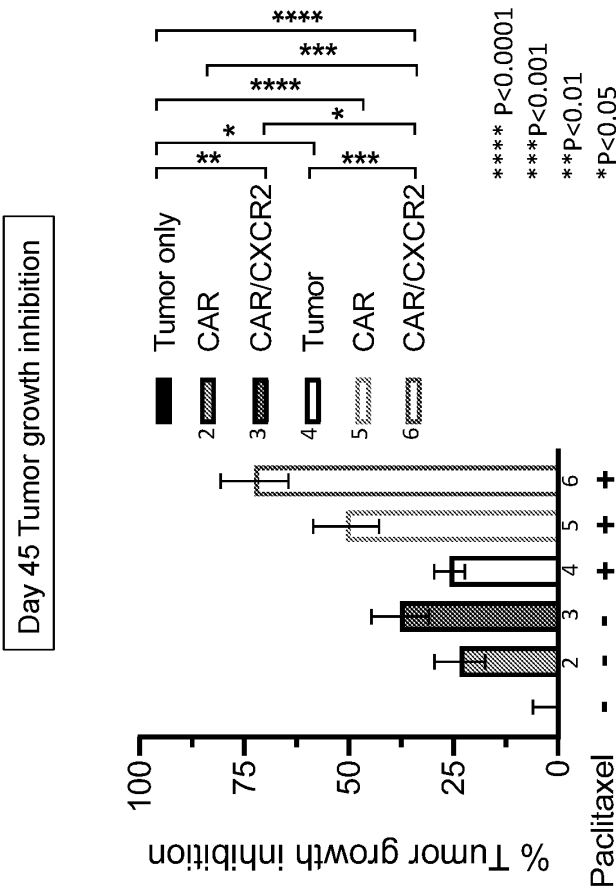


FIG. 2C

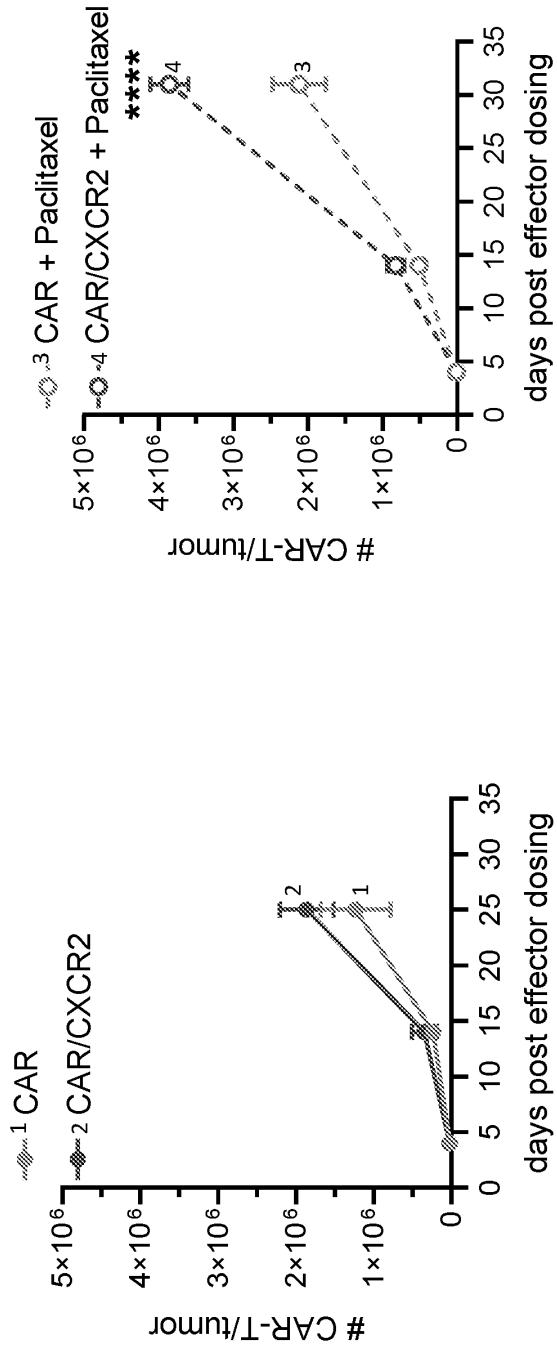
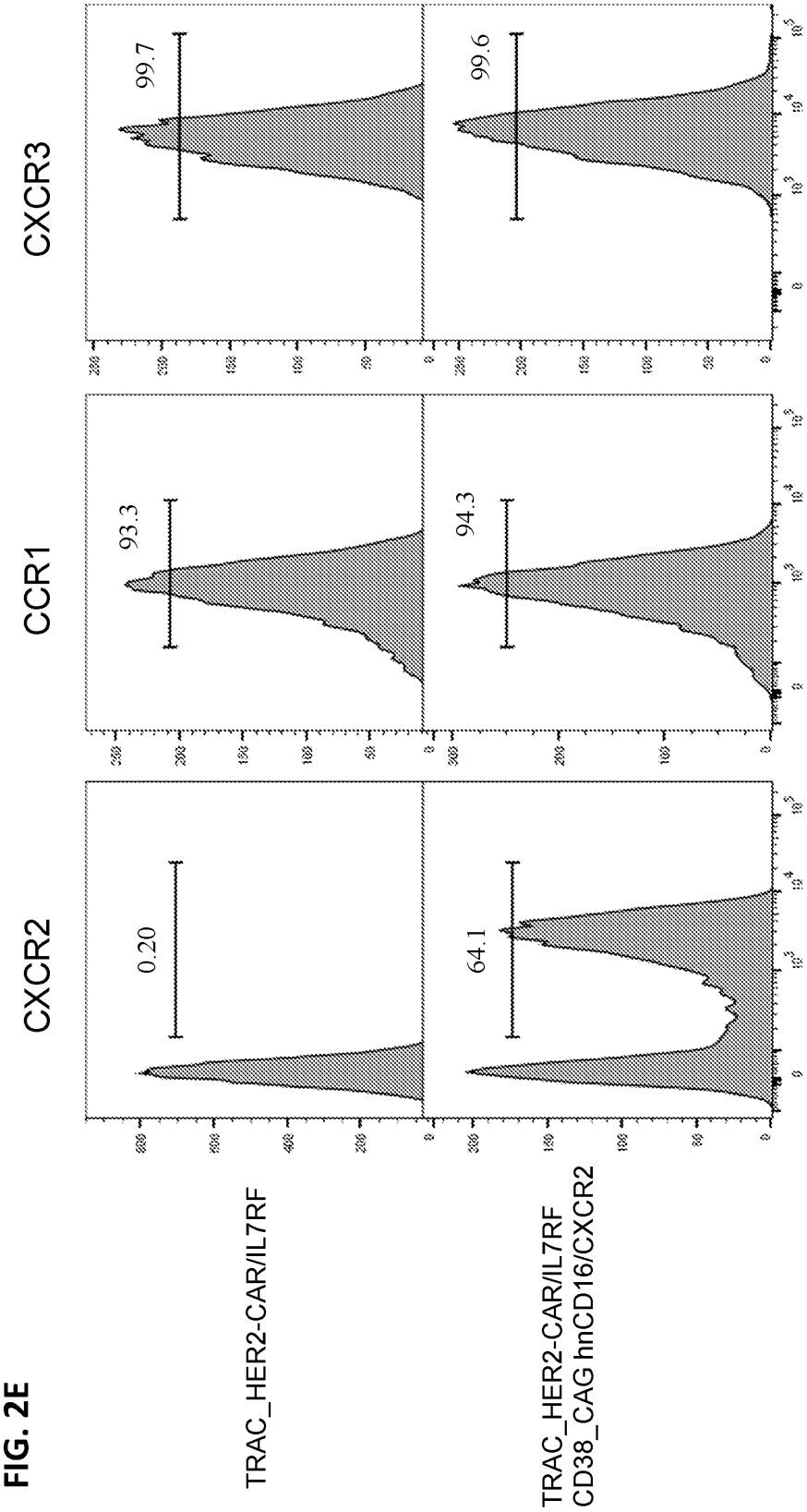
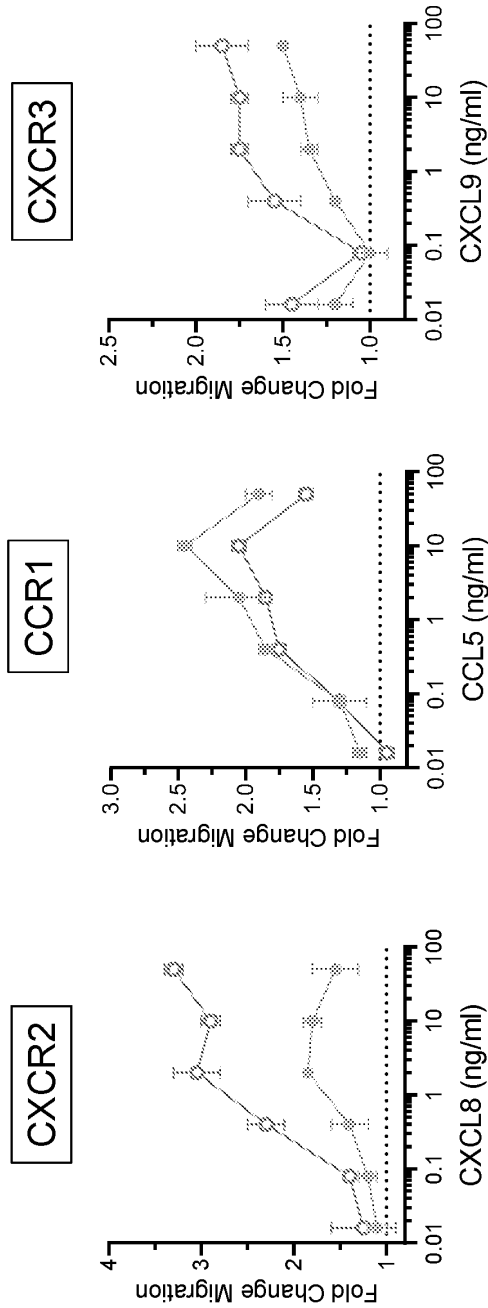


FIG. 2D





- TRAC_HER2_CAR/IL7RF
- TRAC_HER2_CAR/IL7RF
- CD38_hnCD16/CXCR2

FIG. 2F

FIG. 3A

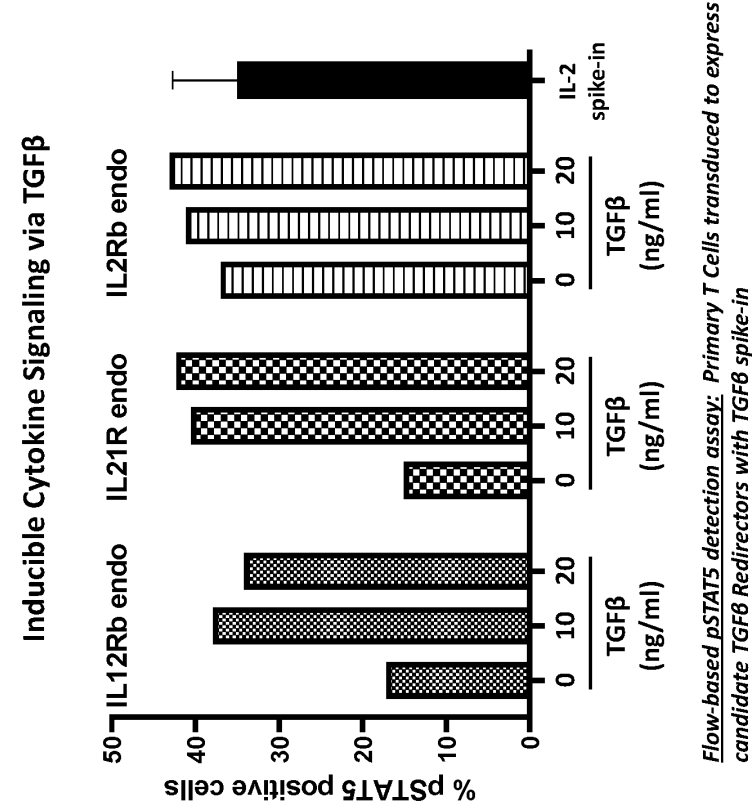
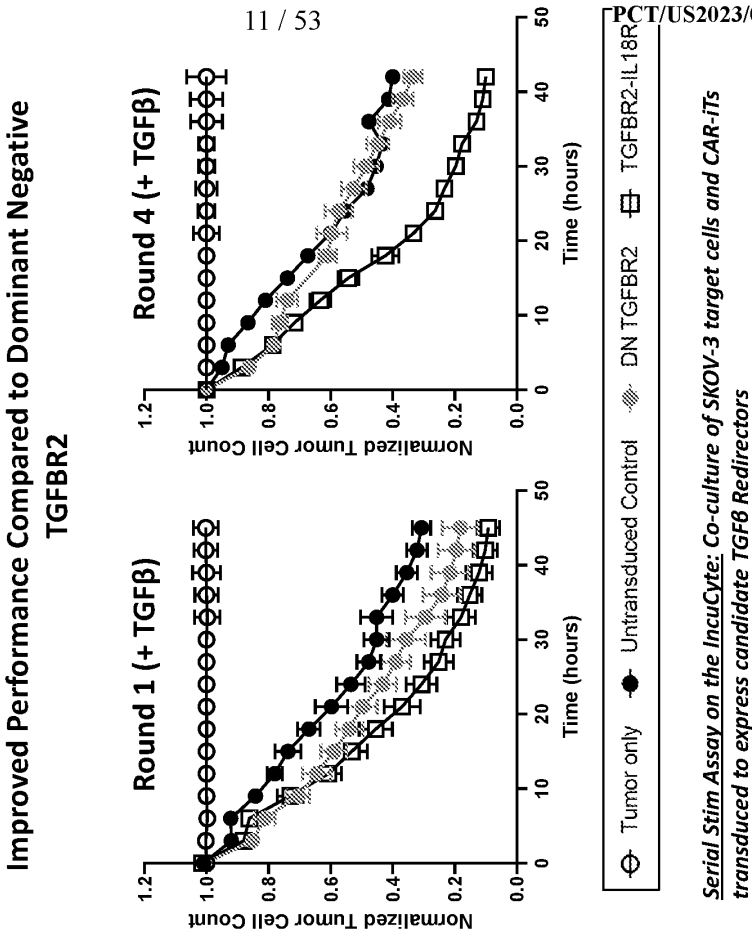


FIG. 3B



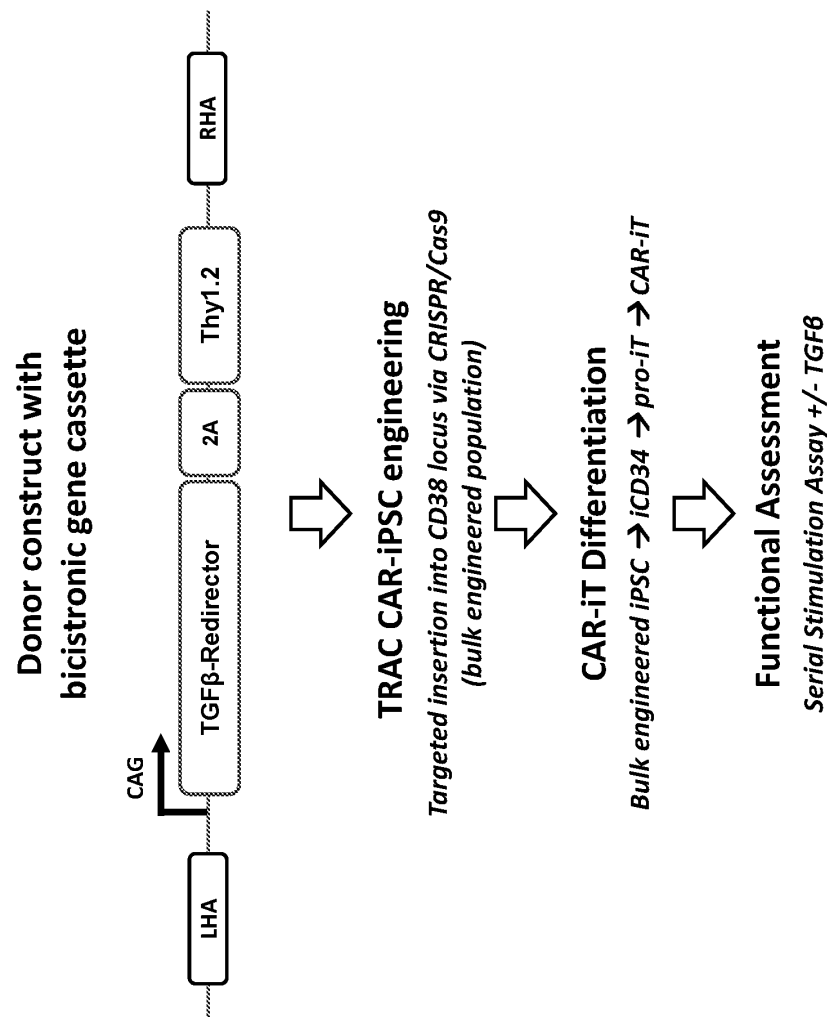


FIG. 4A

FIG. 4B

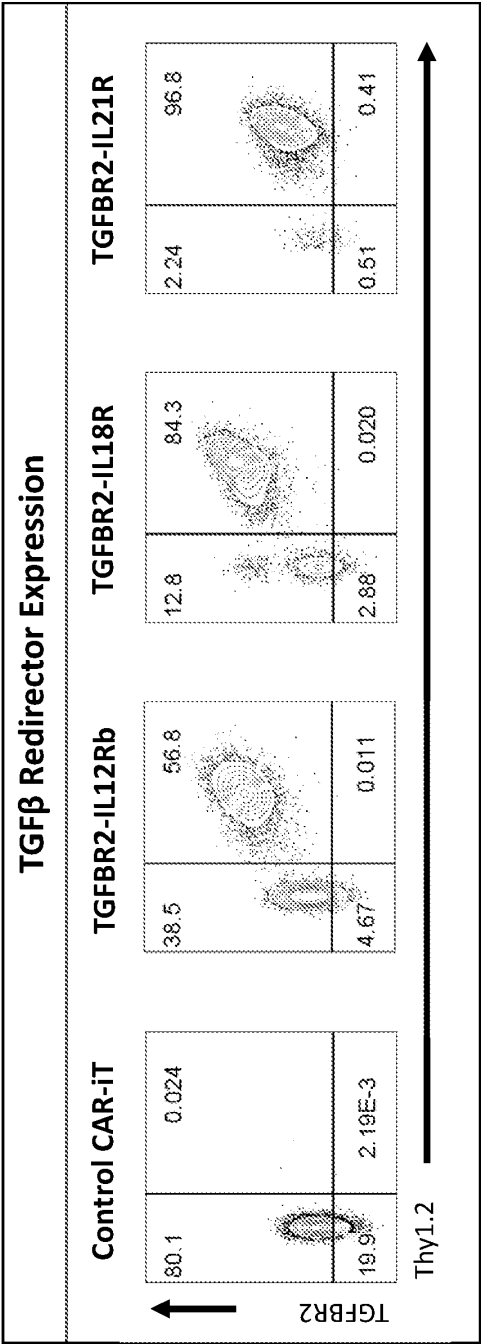
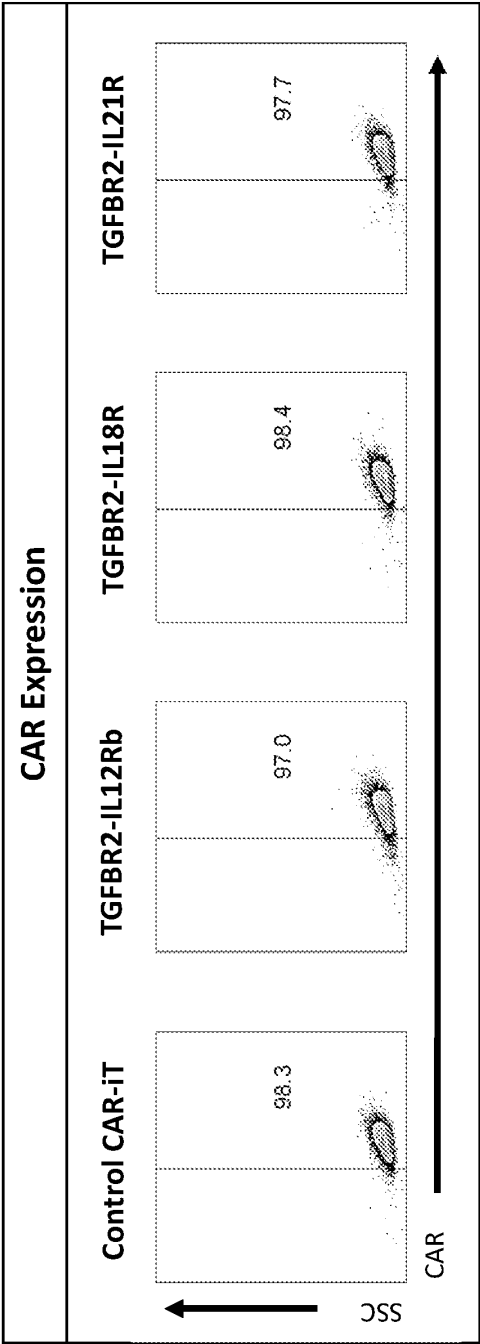


FIG. 4C



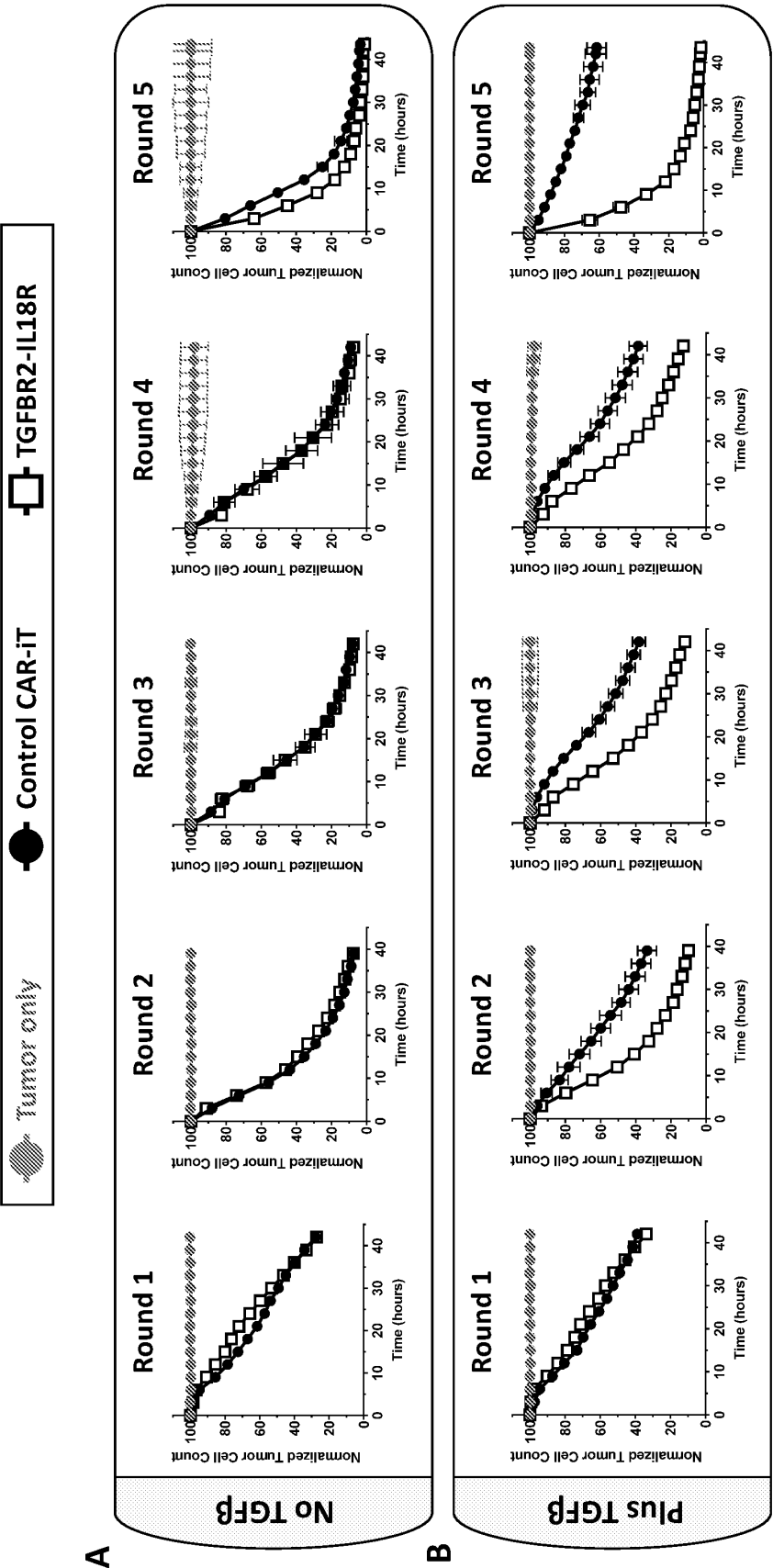


FIG. 5

FIG. 6A

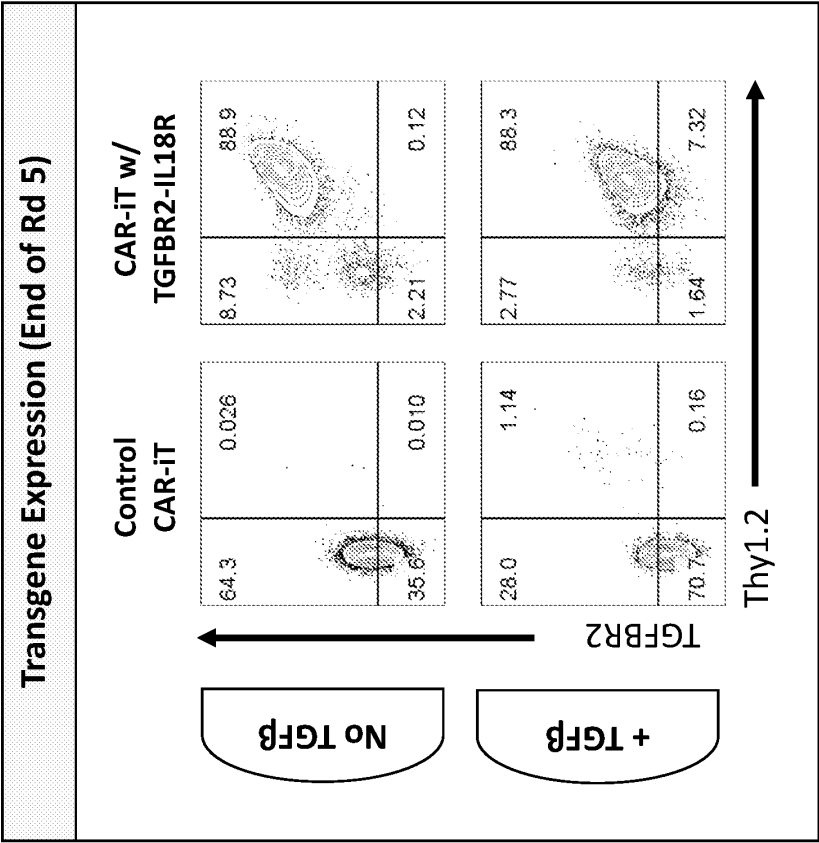
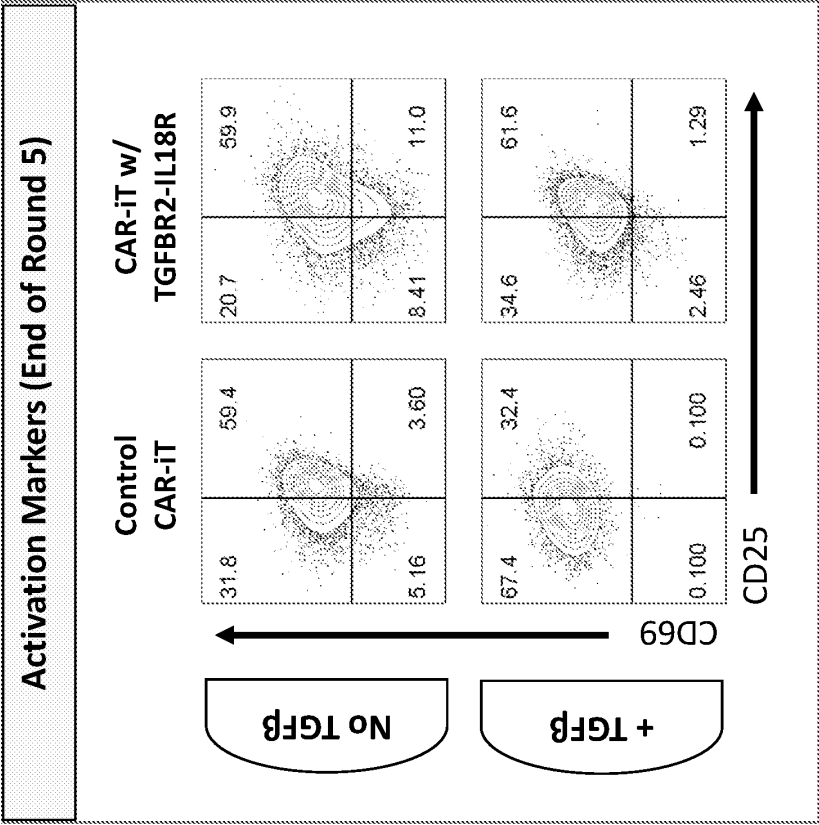


FIG. 6B



Serial Stim Assay (End of Round 5)

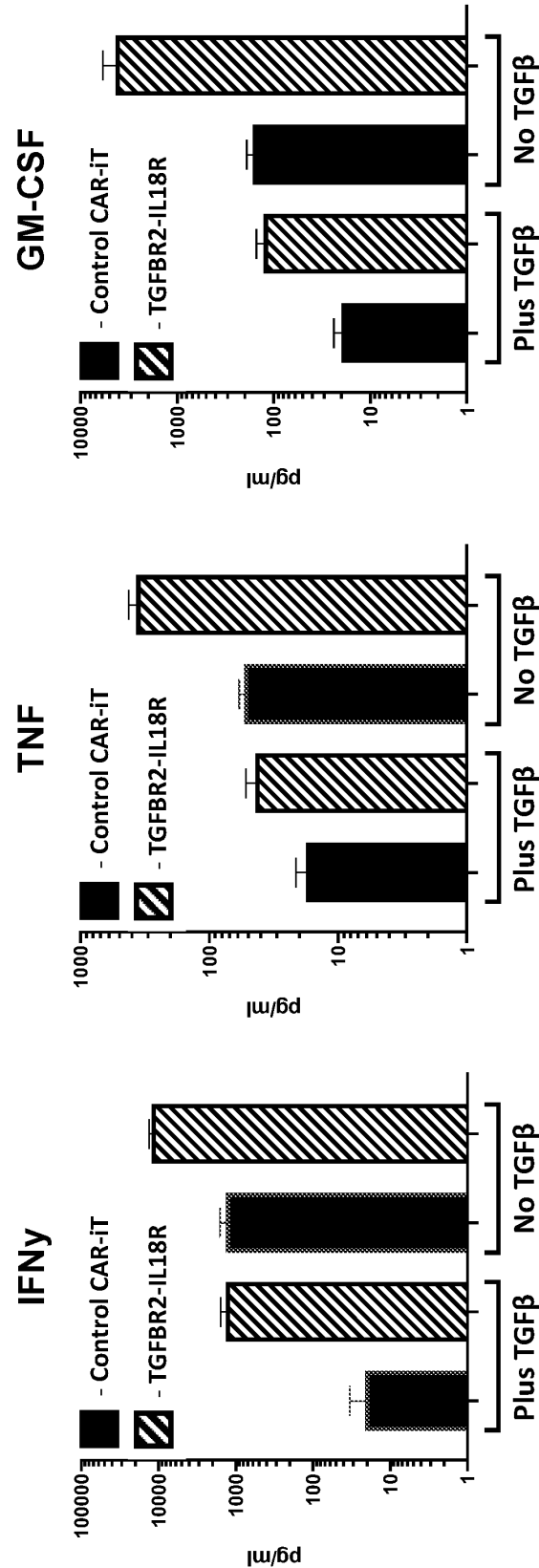


FIG. 7

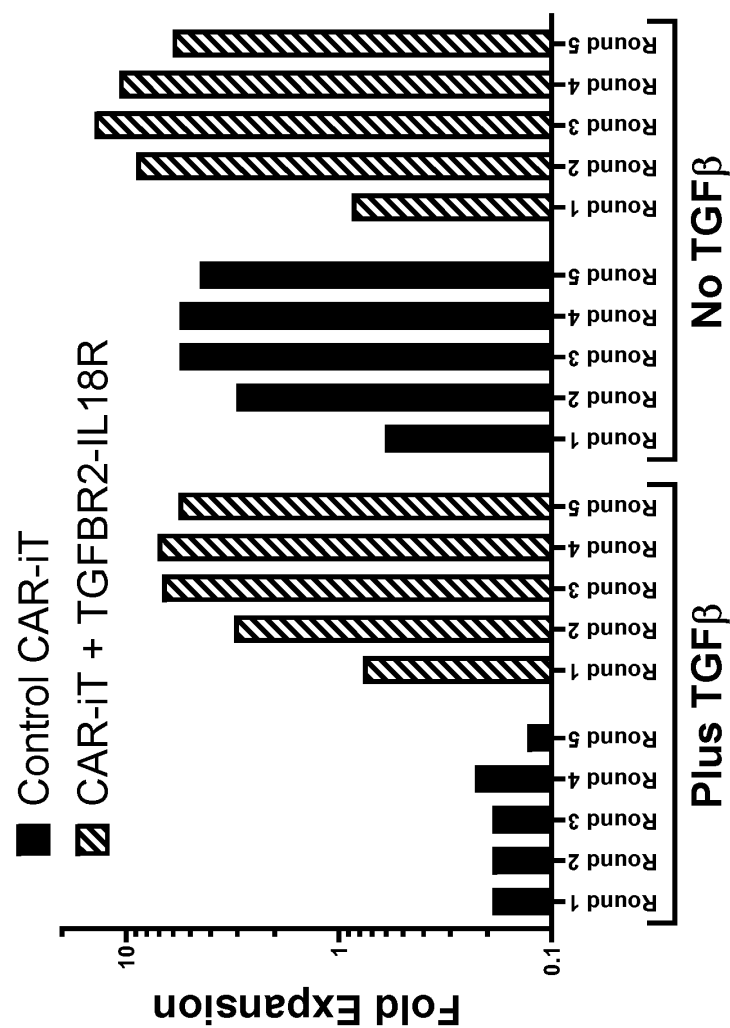


FIG. 8

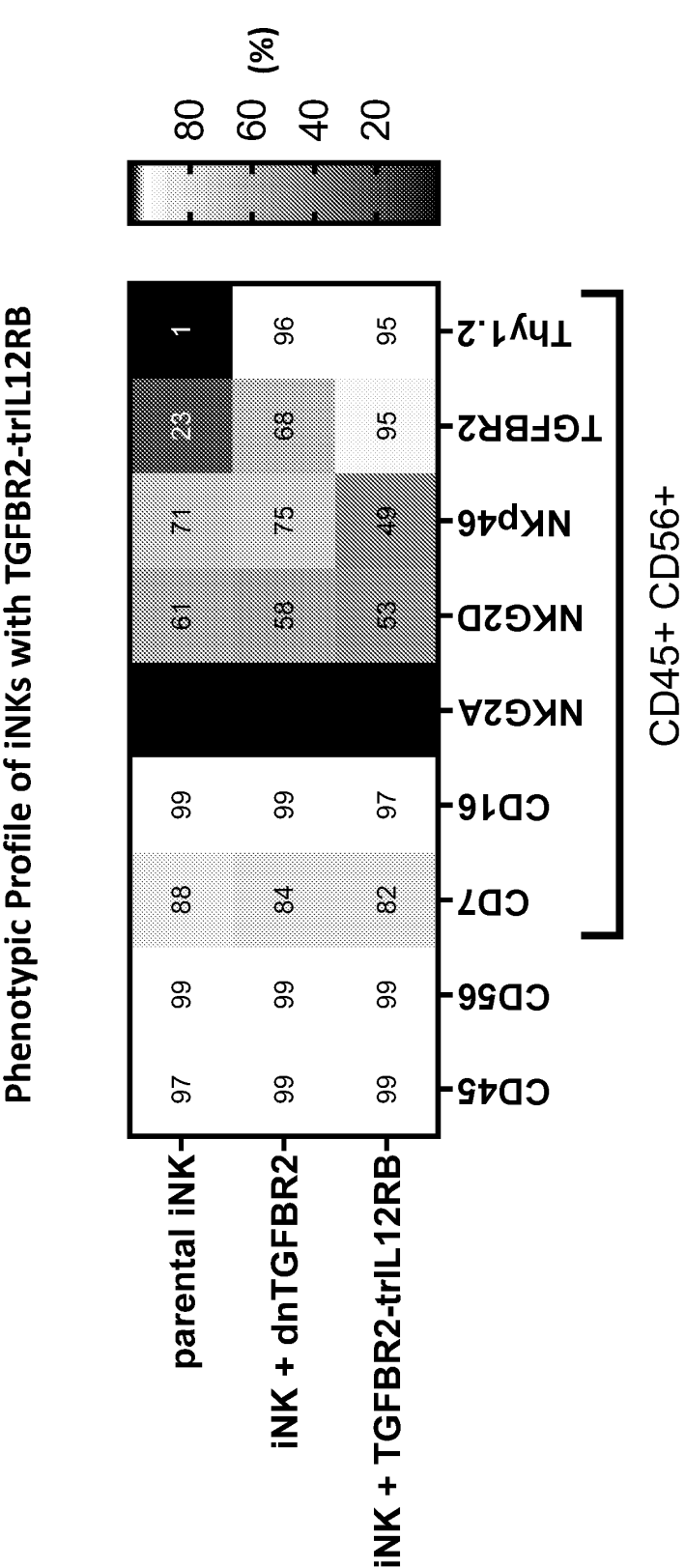


FIG. 9

FIG. 10A

Number of Effector Cells at Different Time Points

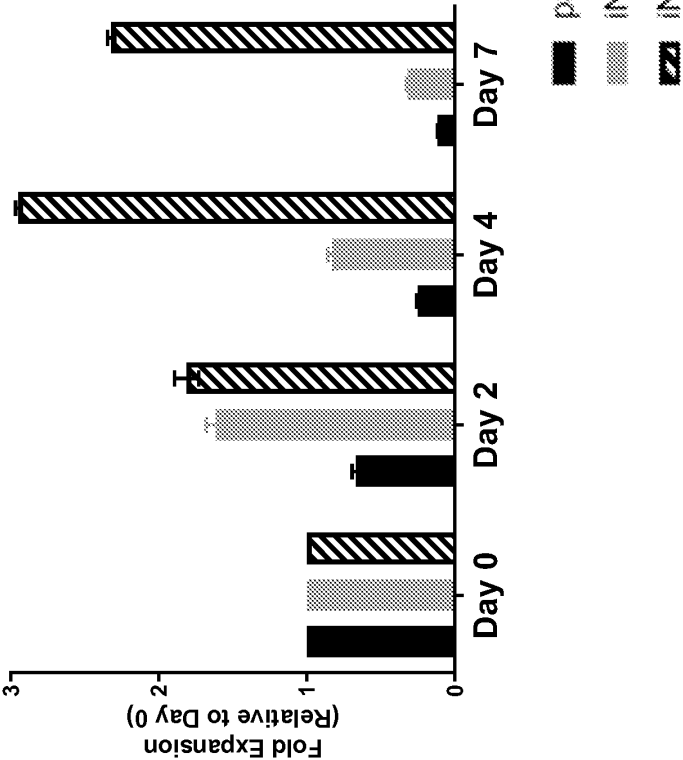


FIG. 10B

Select Surface Markers Assessed on Day 7

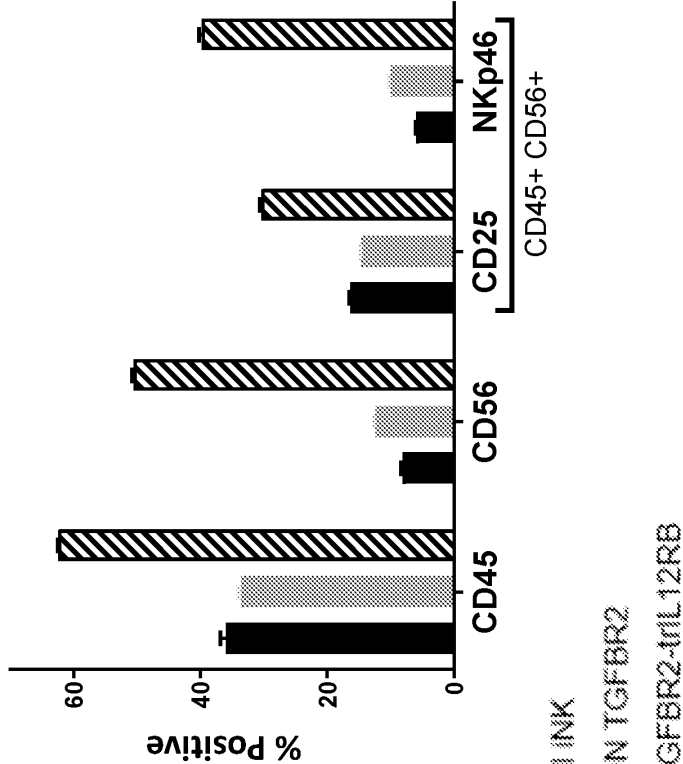


FIG. 11A

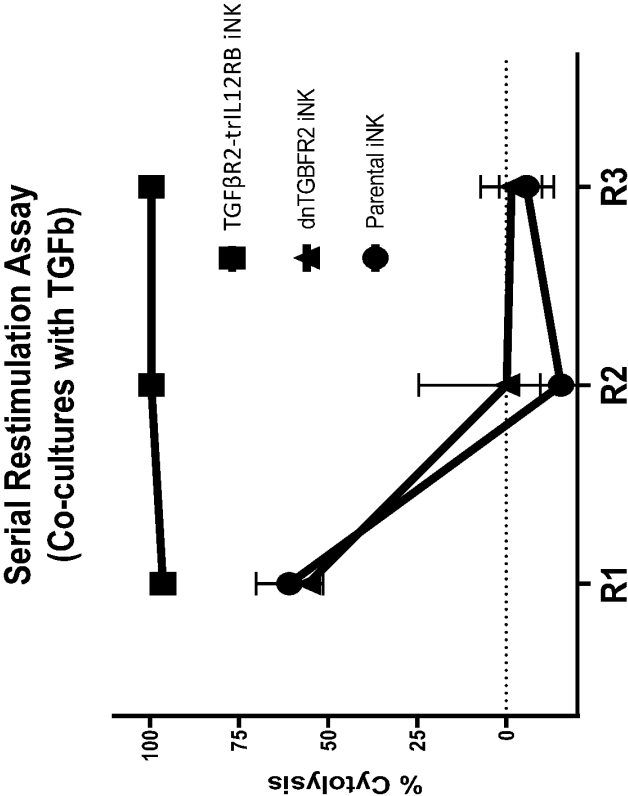
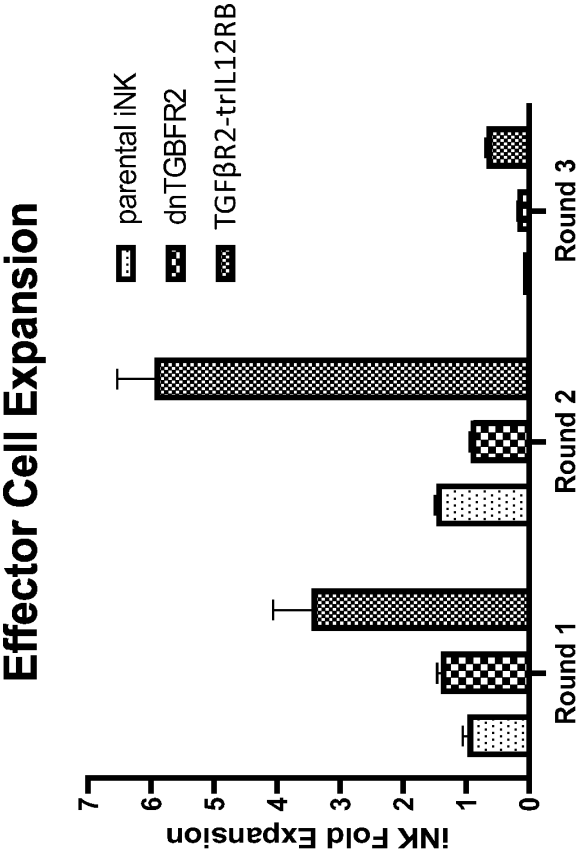


FIG. 11B



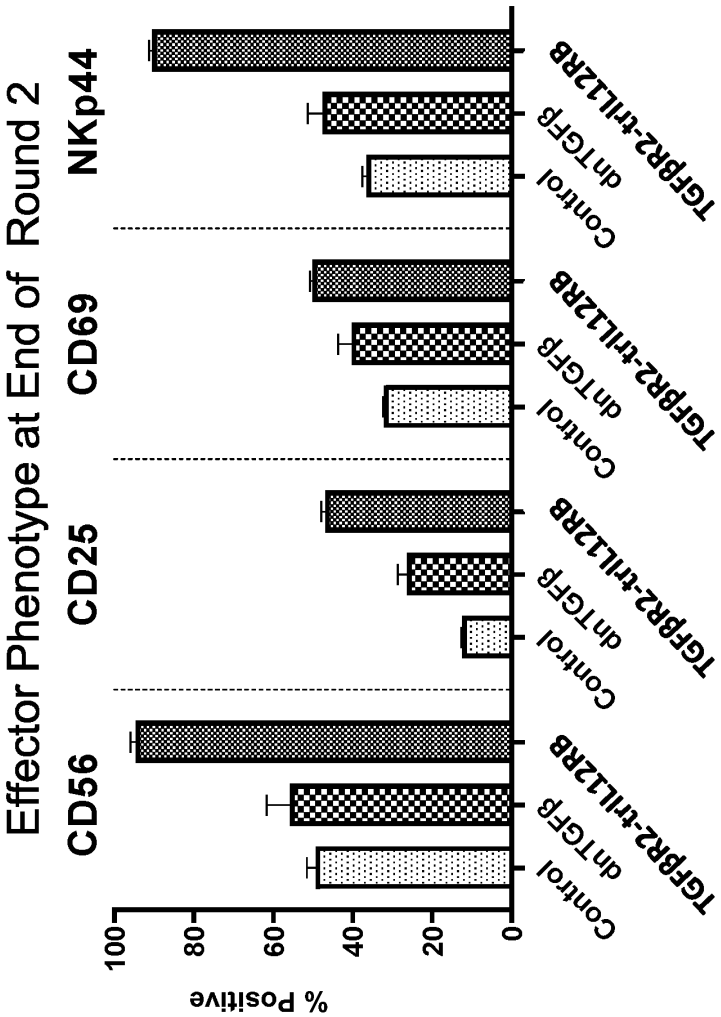


FIG. 11C

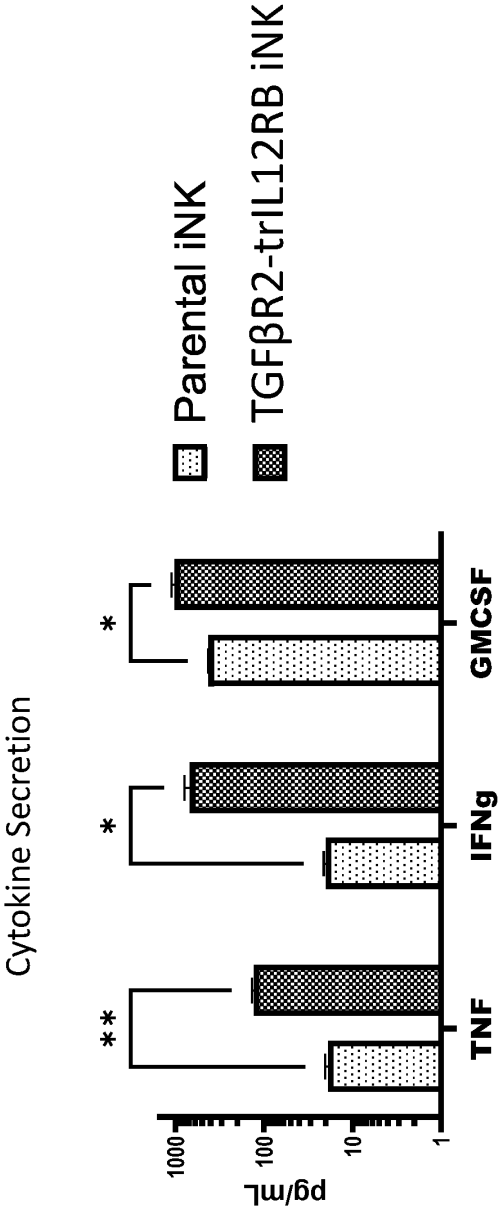
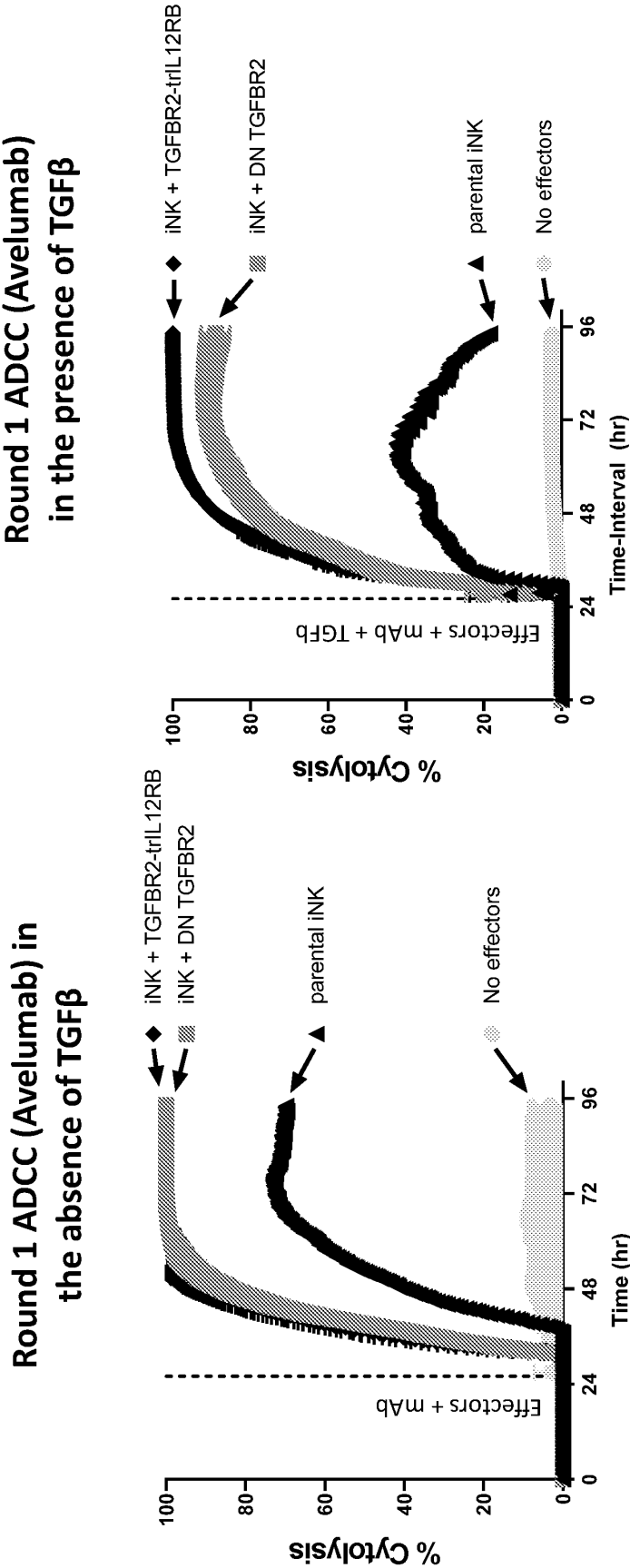


FIG. 12



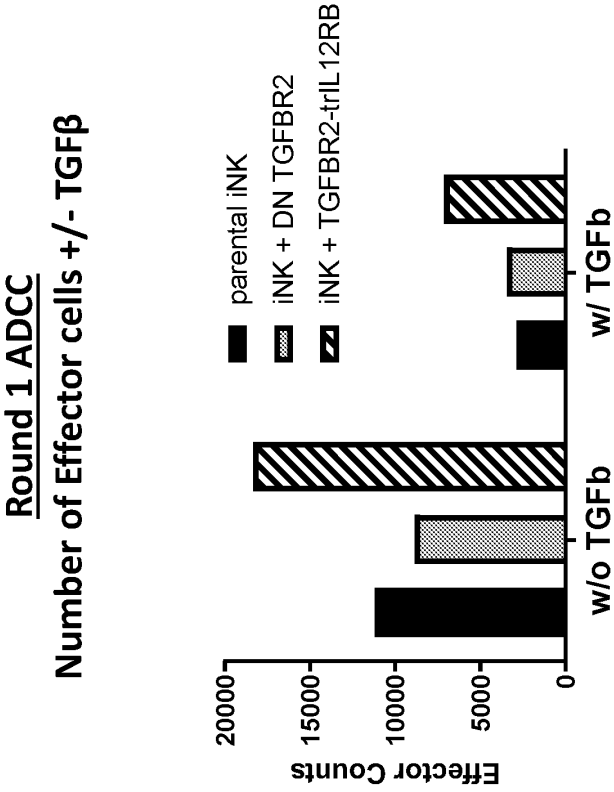
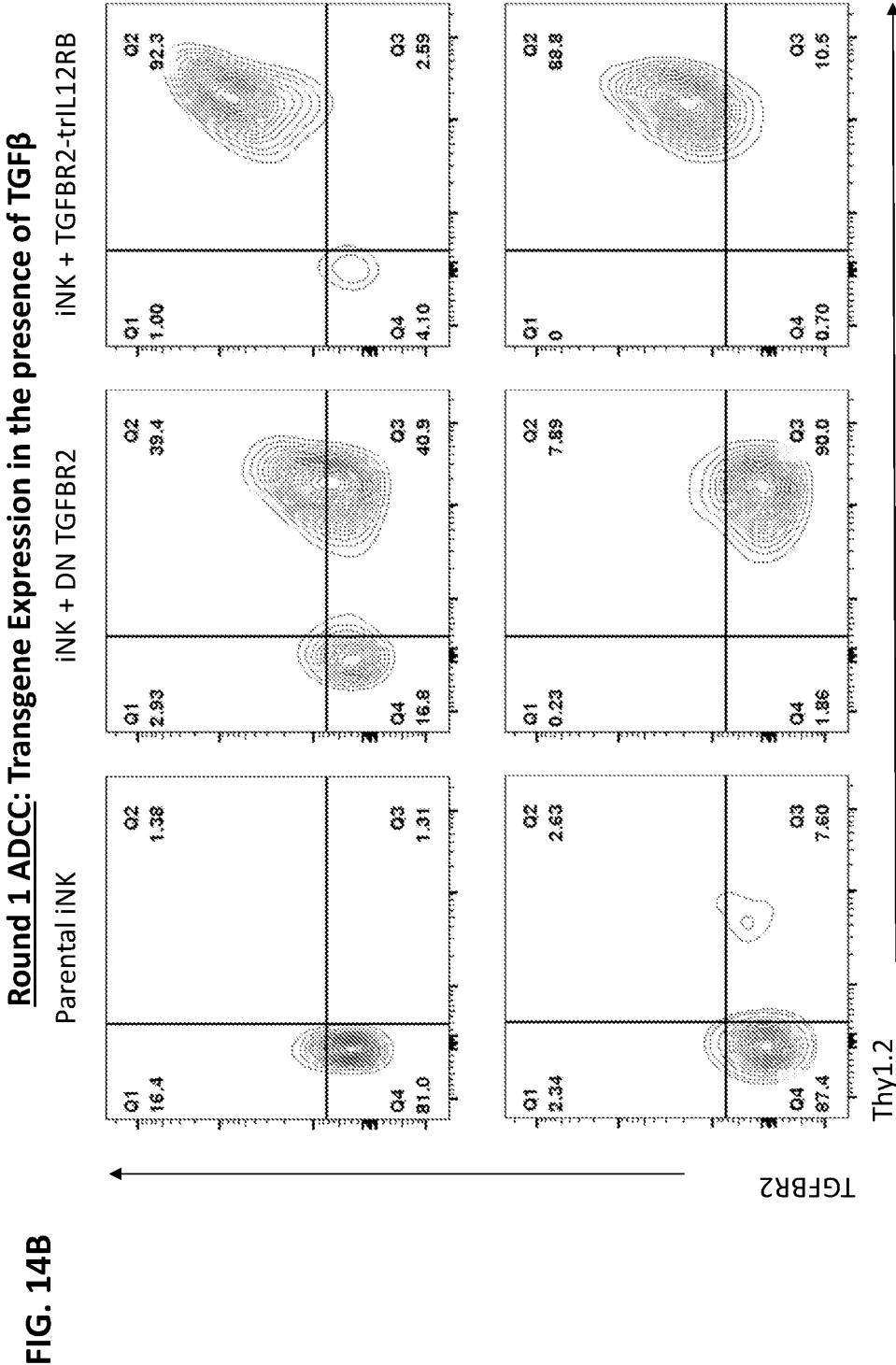


FIG. 14A



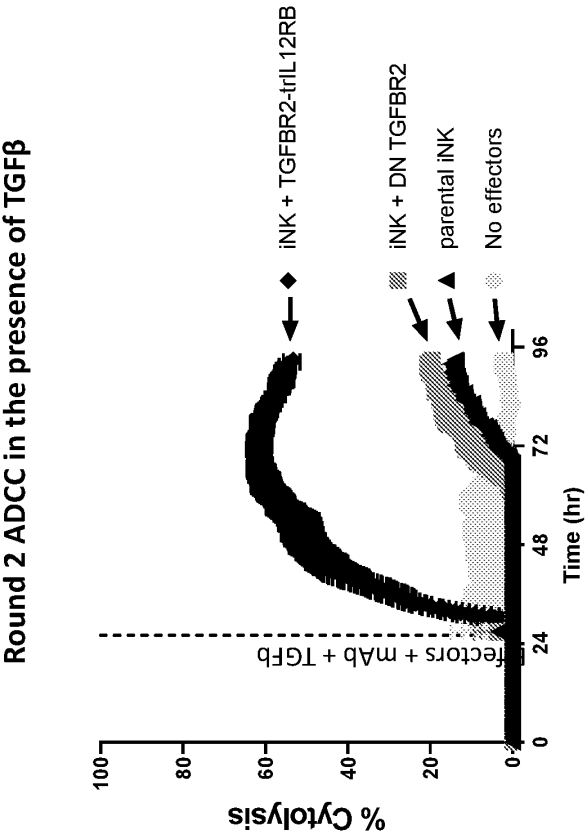


FIG. 15B

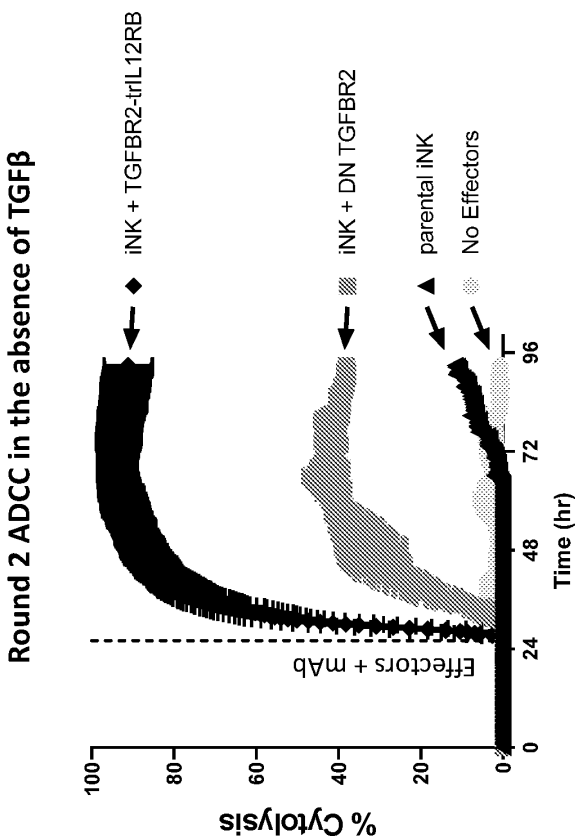


FIG. 15A

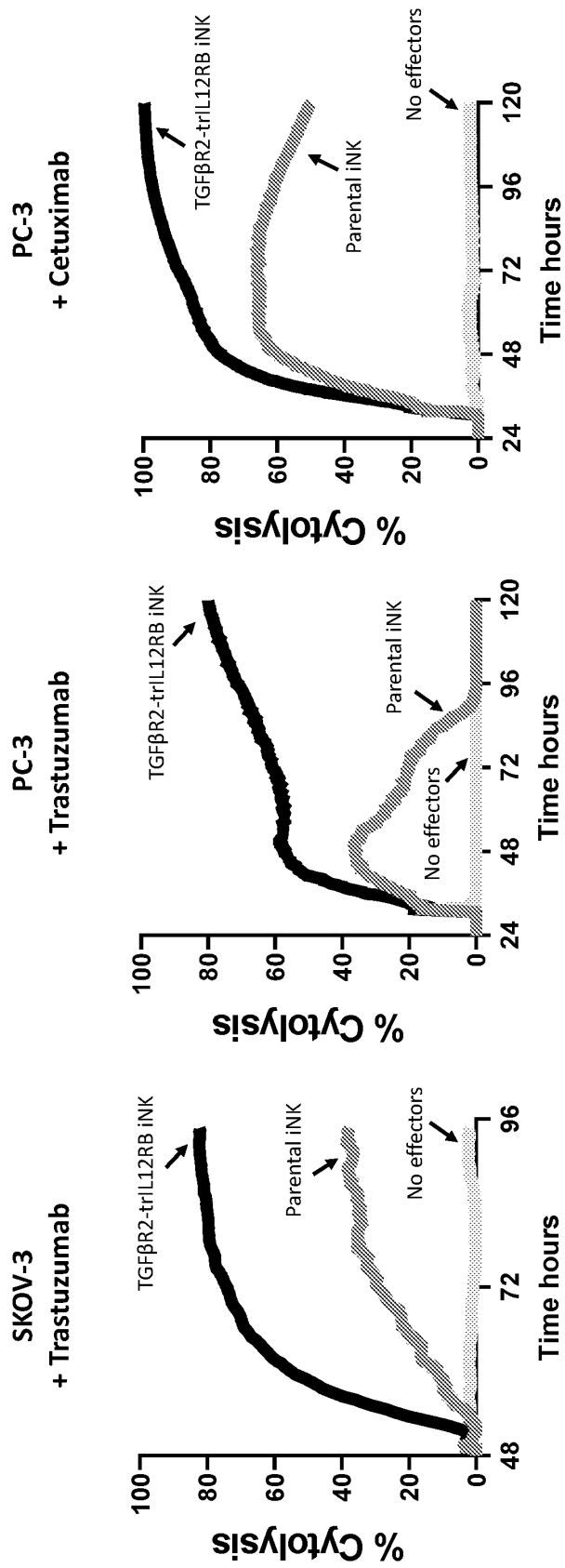


FIG. 16

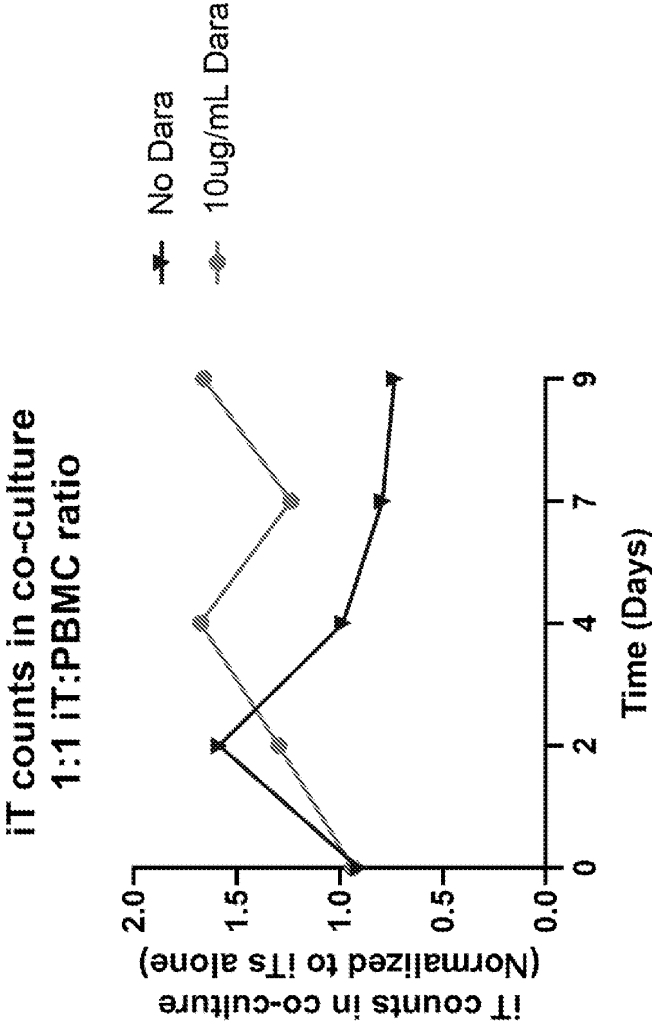


FIG. 17

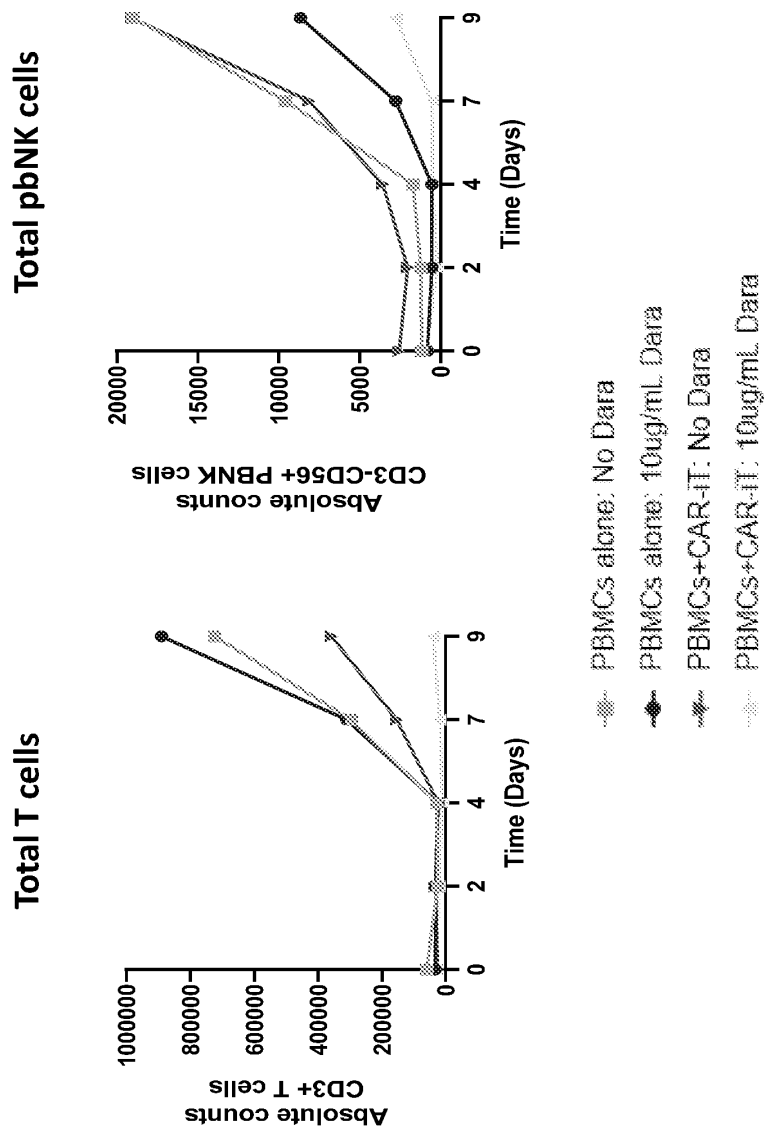


FIG. 18

PBMC + CAR iT co-culture

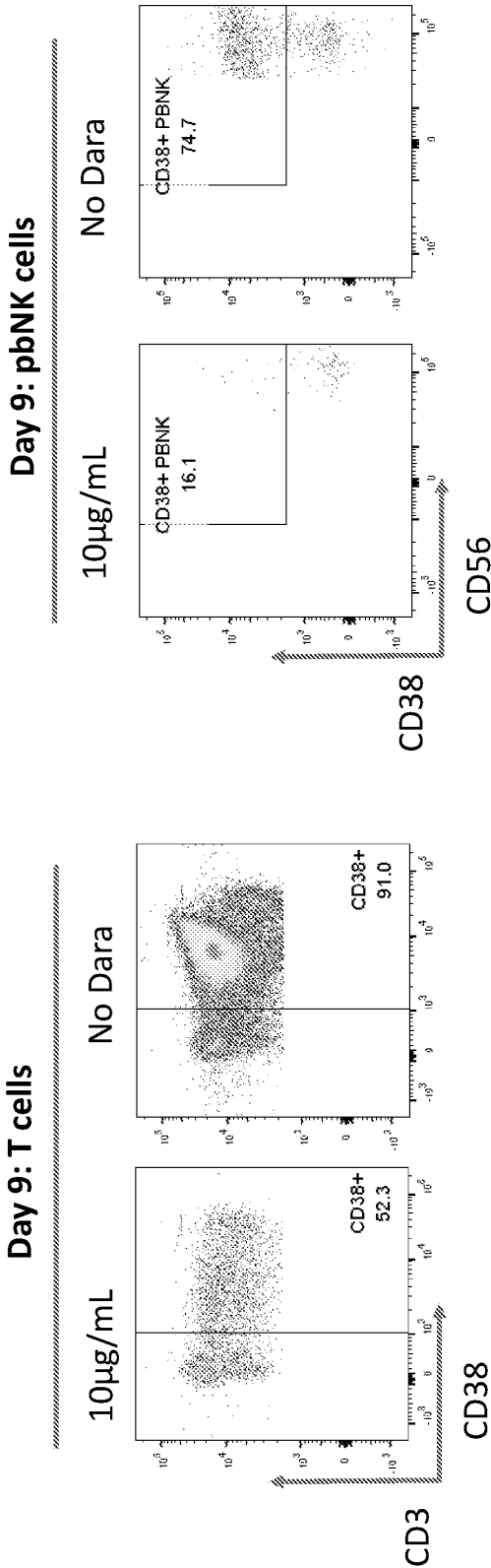


FIG. 19A

FIG. 19B

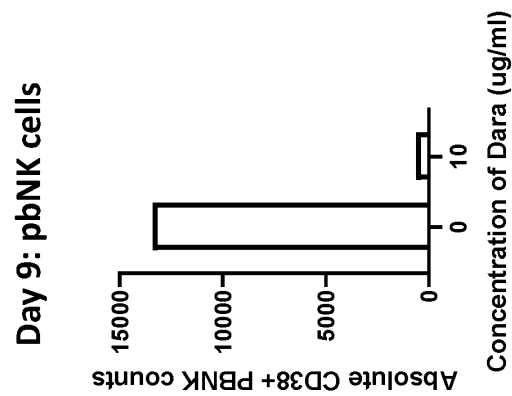


FIG. 19D

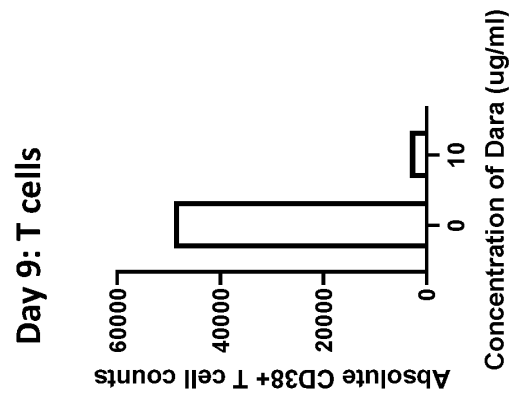
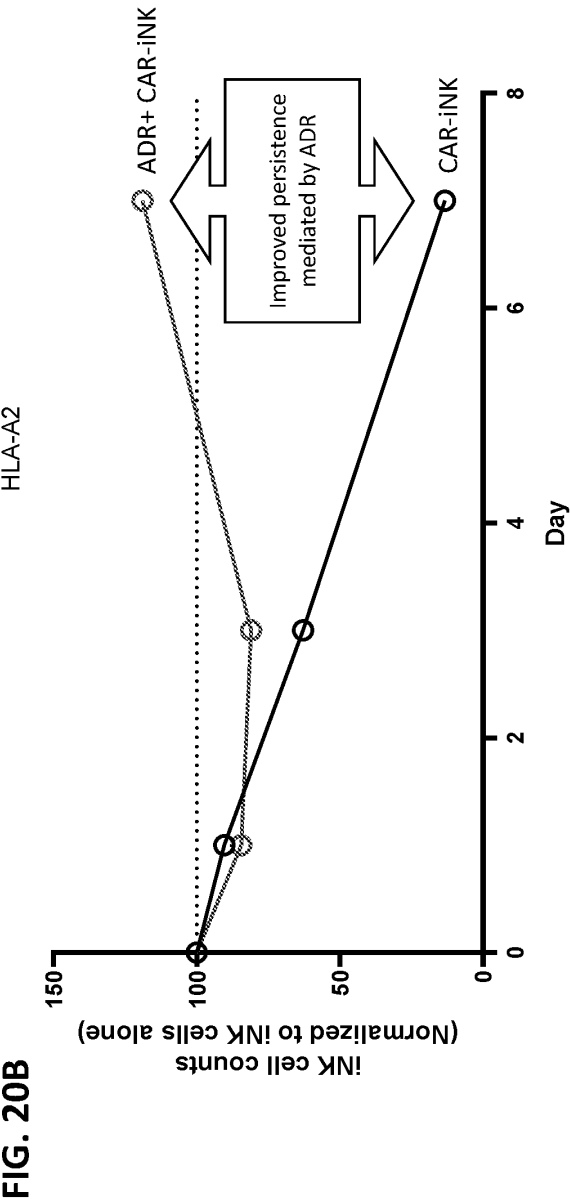
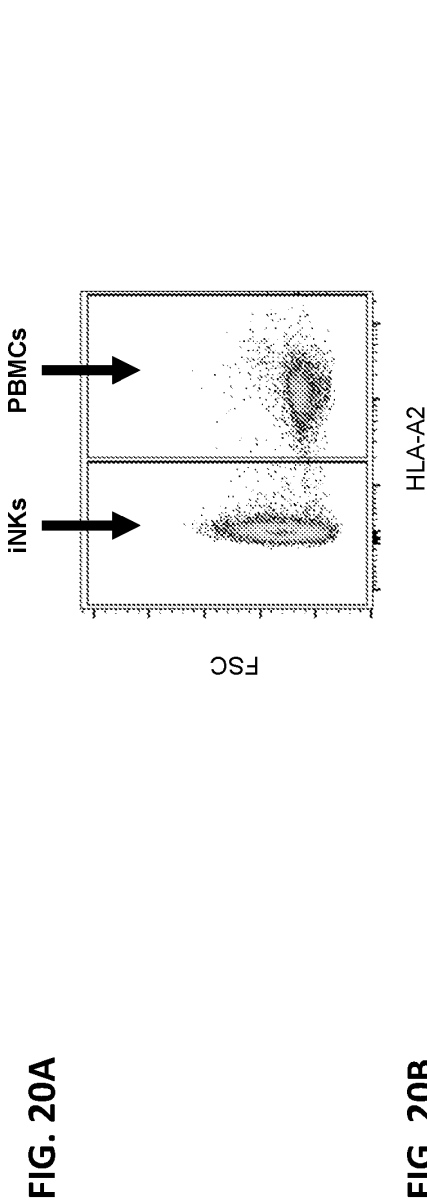


FIG. 19C



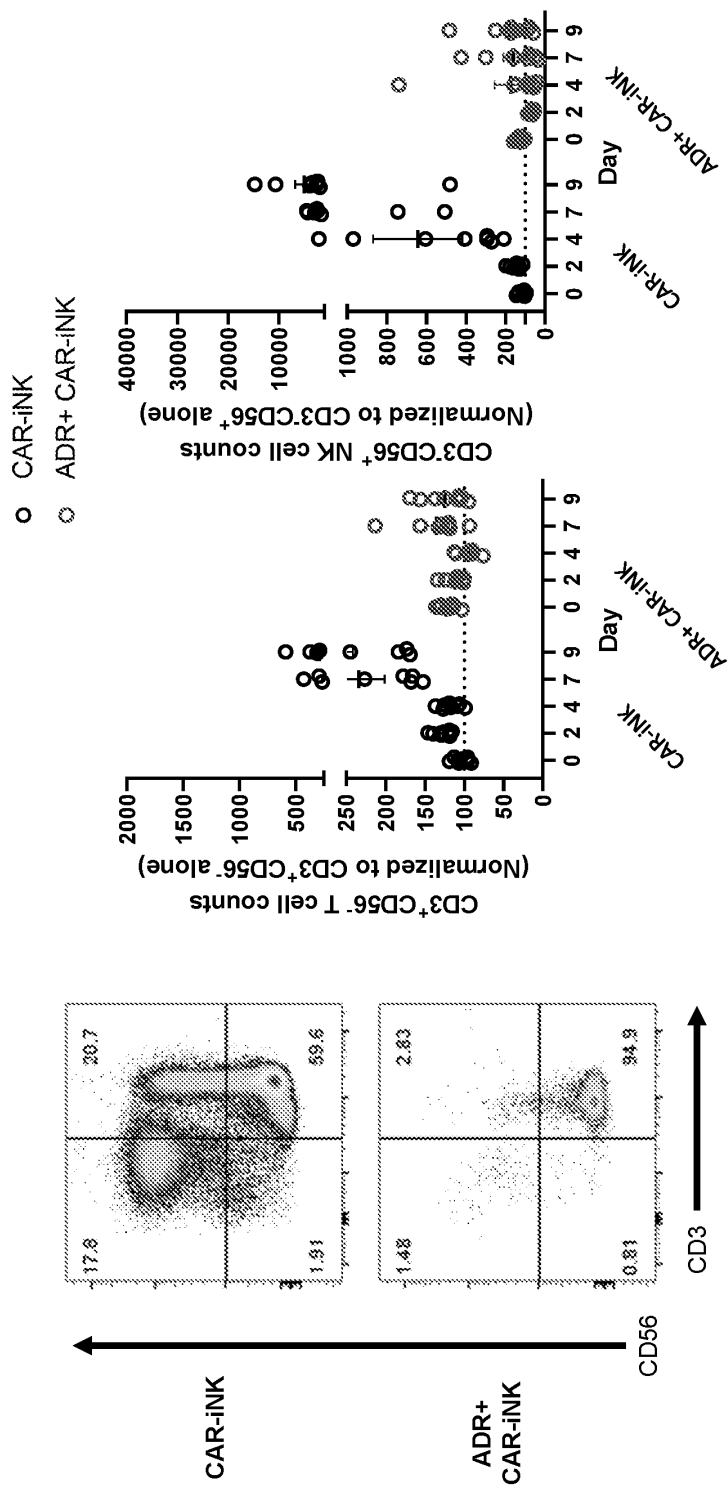


FIG. 21A

FIG. 21B

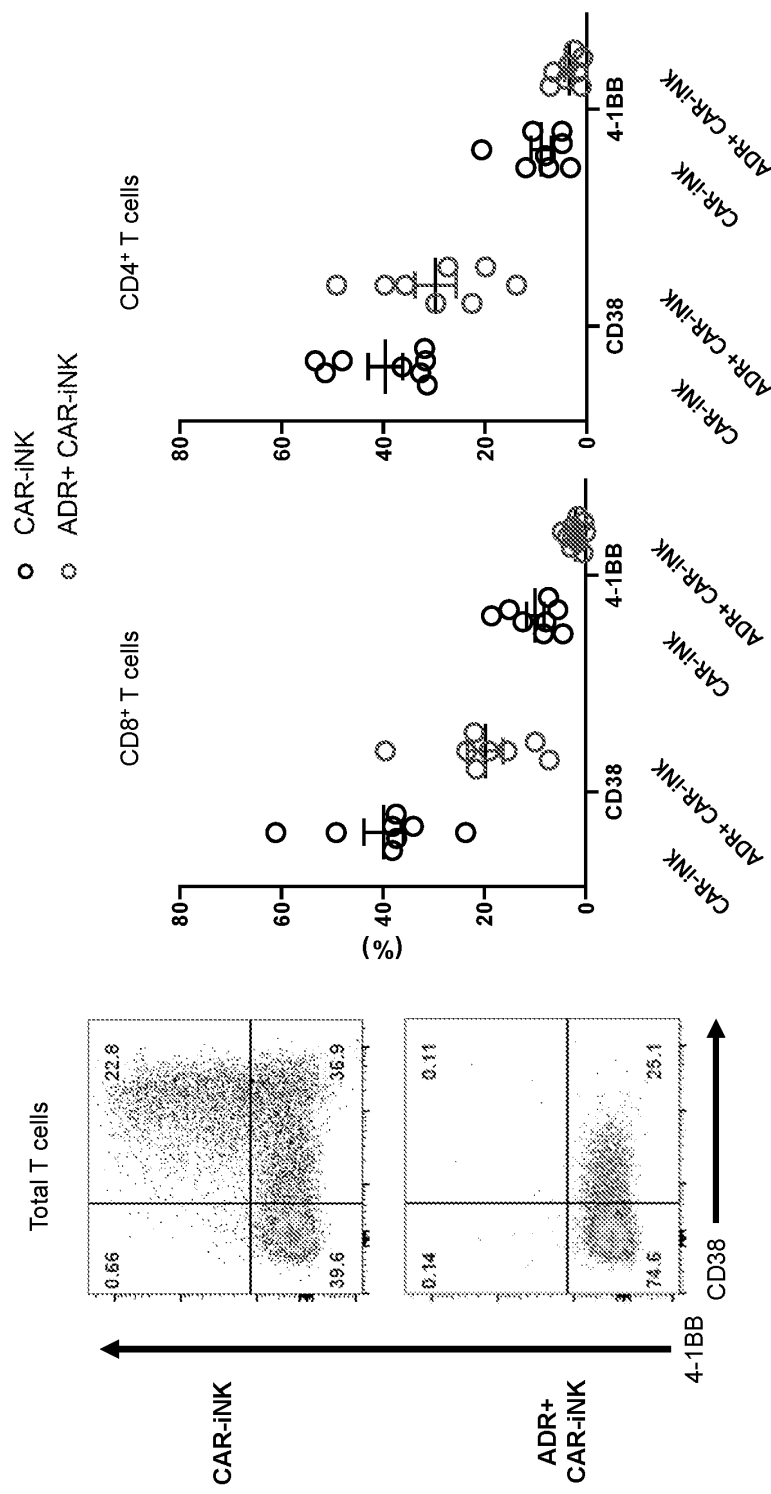


FIG. 22A

FIG. 22B

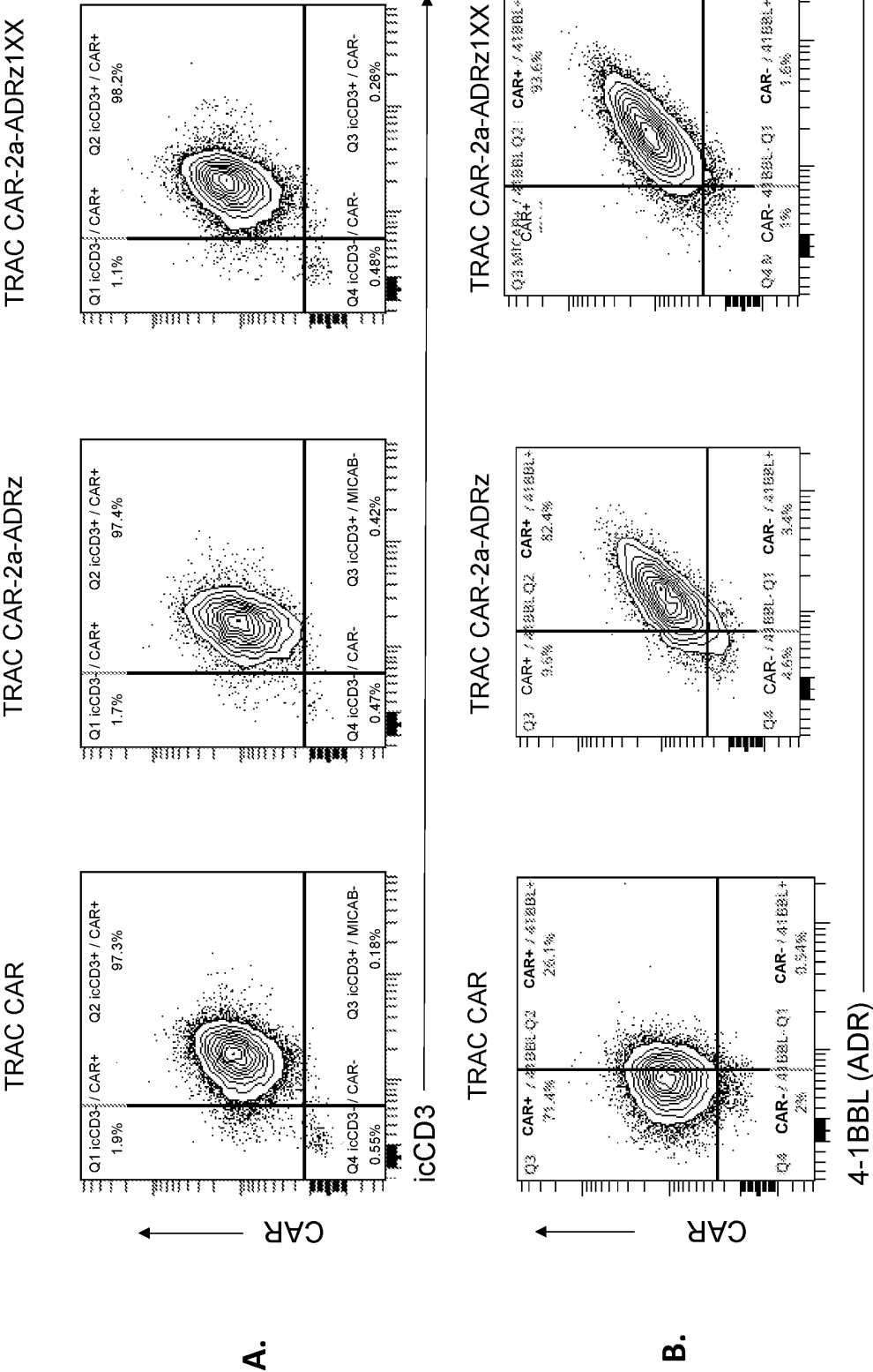
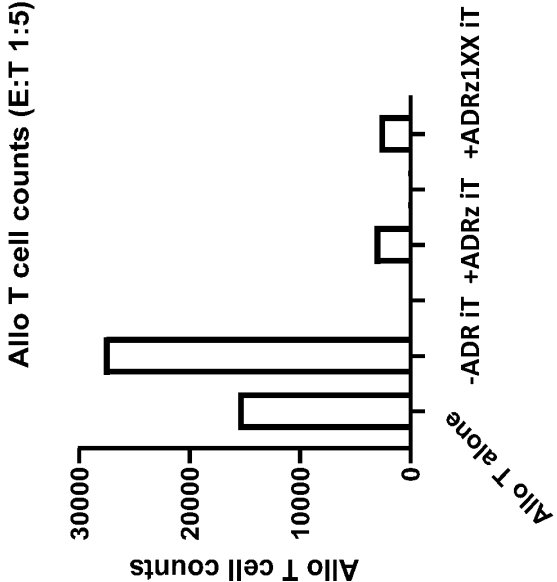
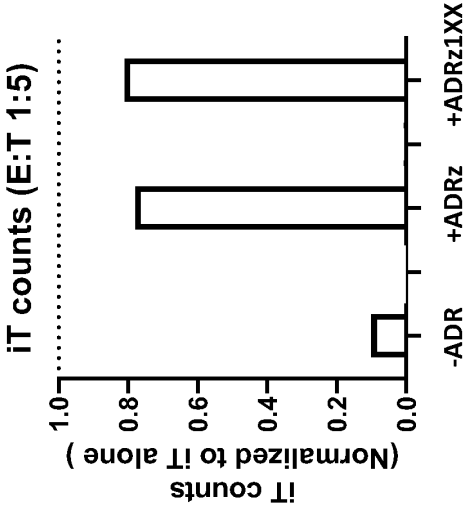


FIG. 2

FIG. 2



B



A

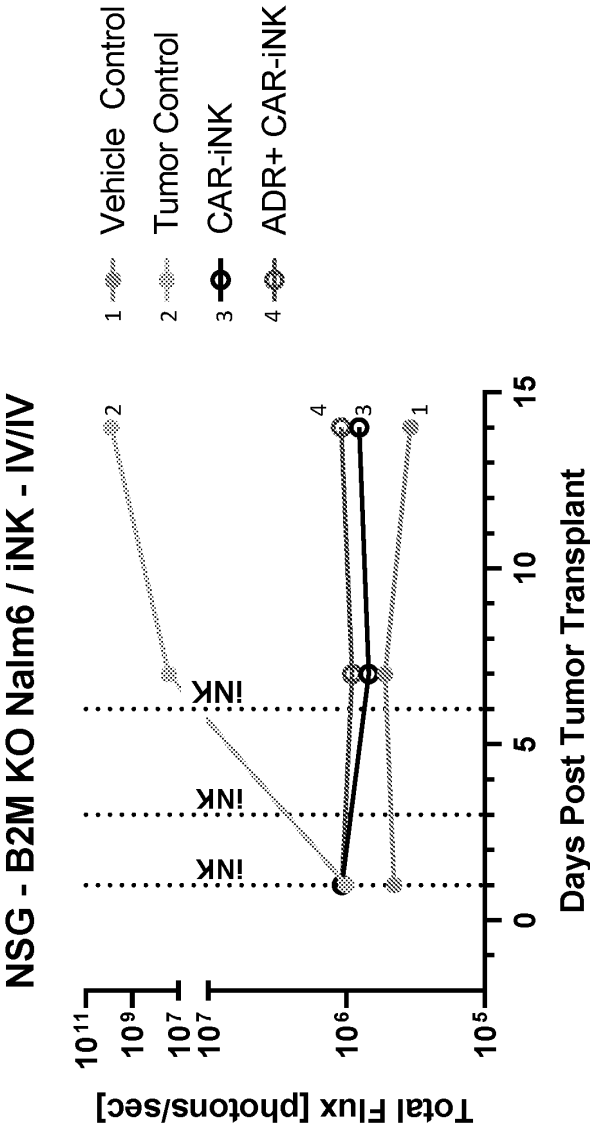


FIG. 25A

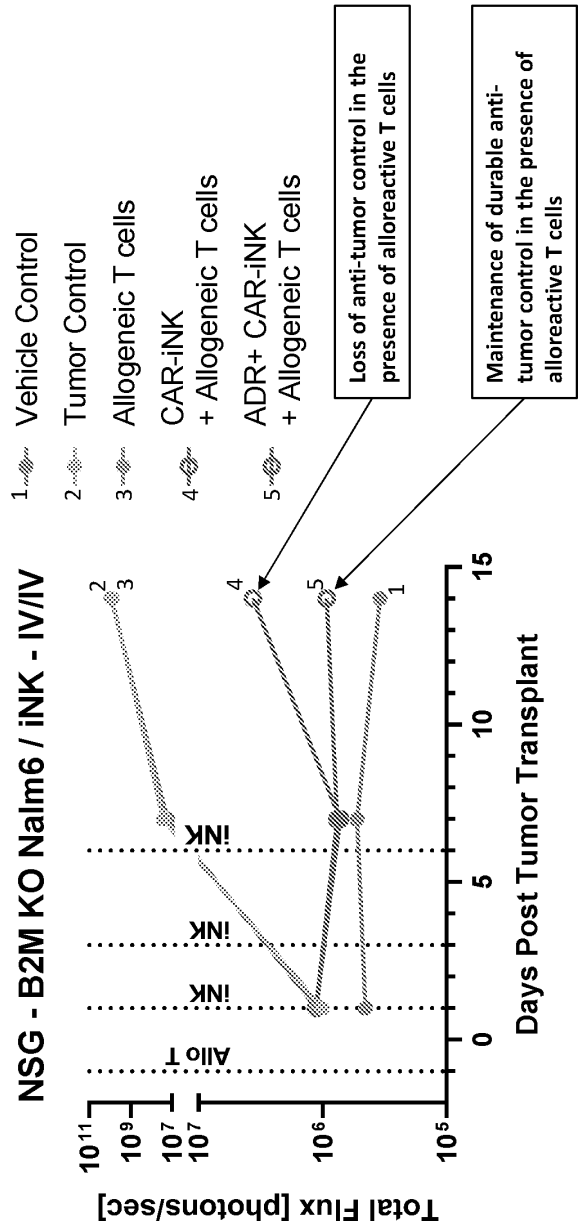


FIG. 25B

FIG. 26A

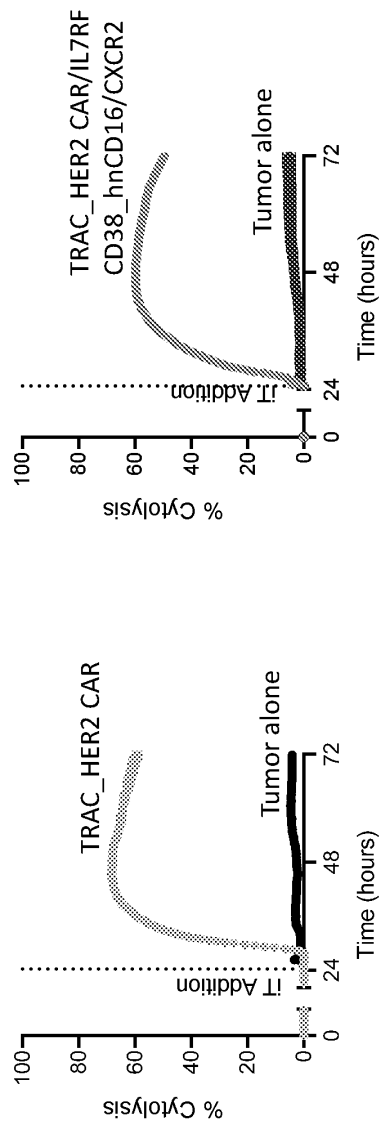


FIG. 26B

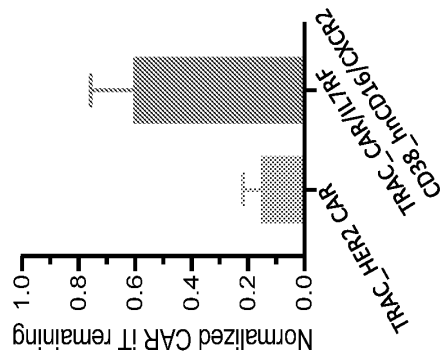


FIG. 27A

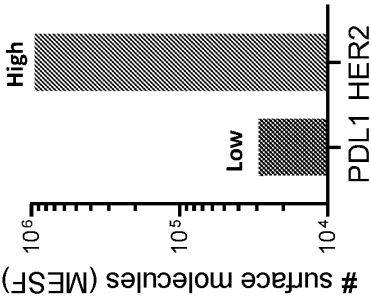
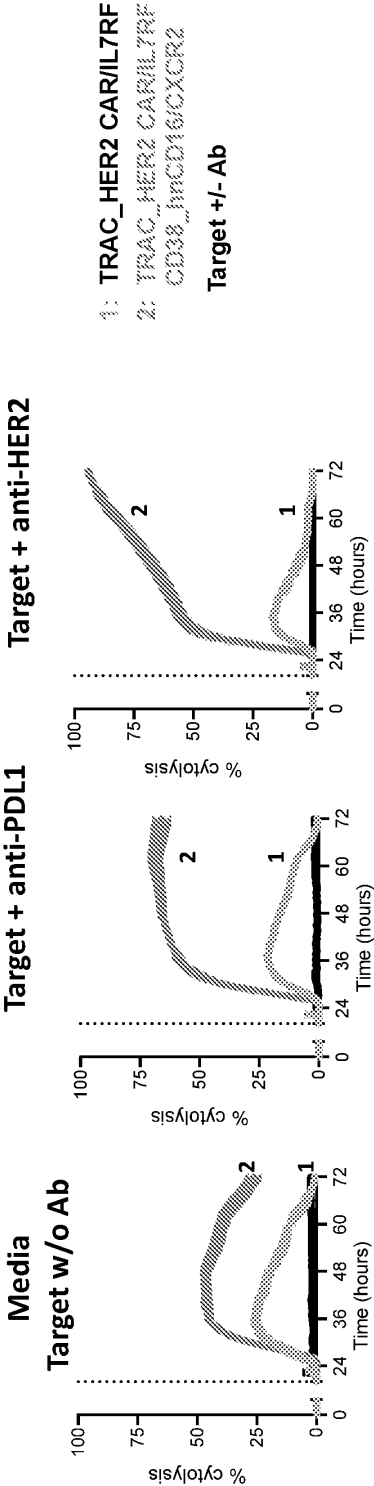


FIG. 27B



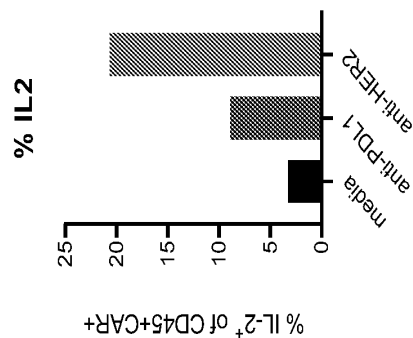
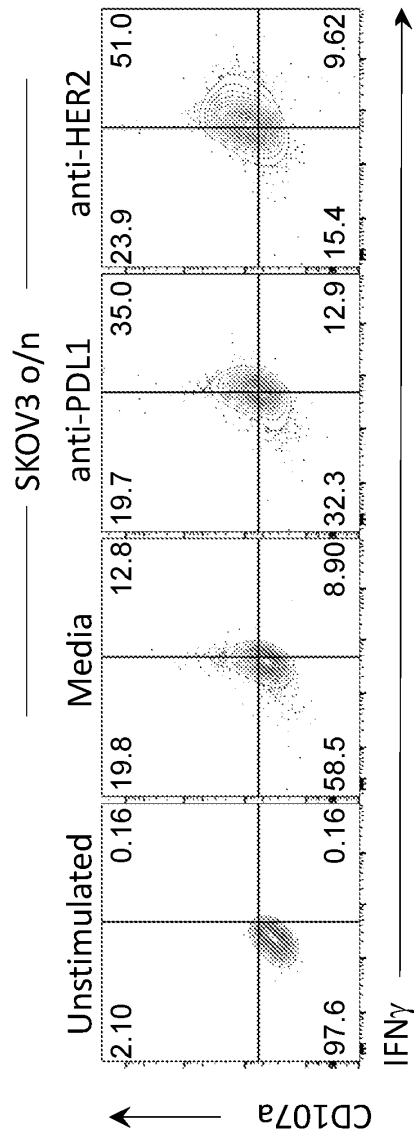
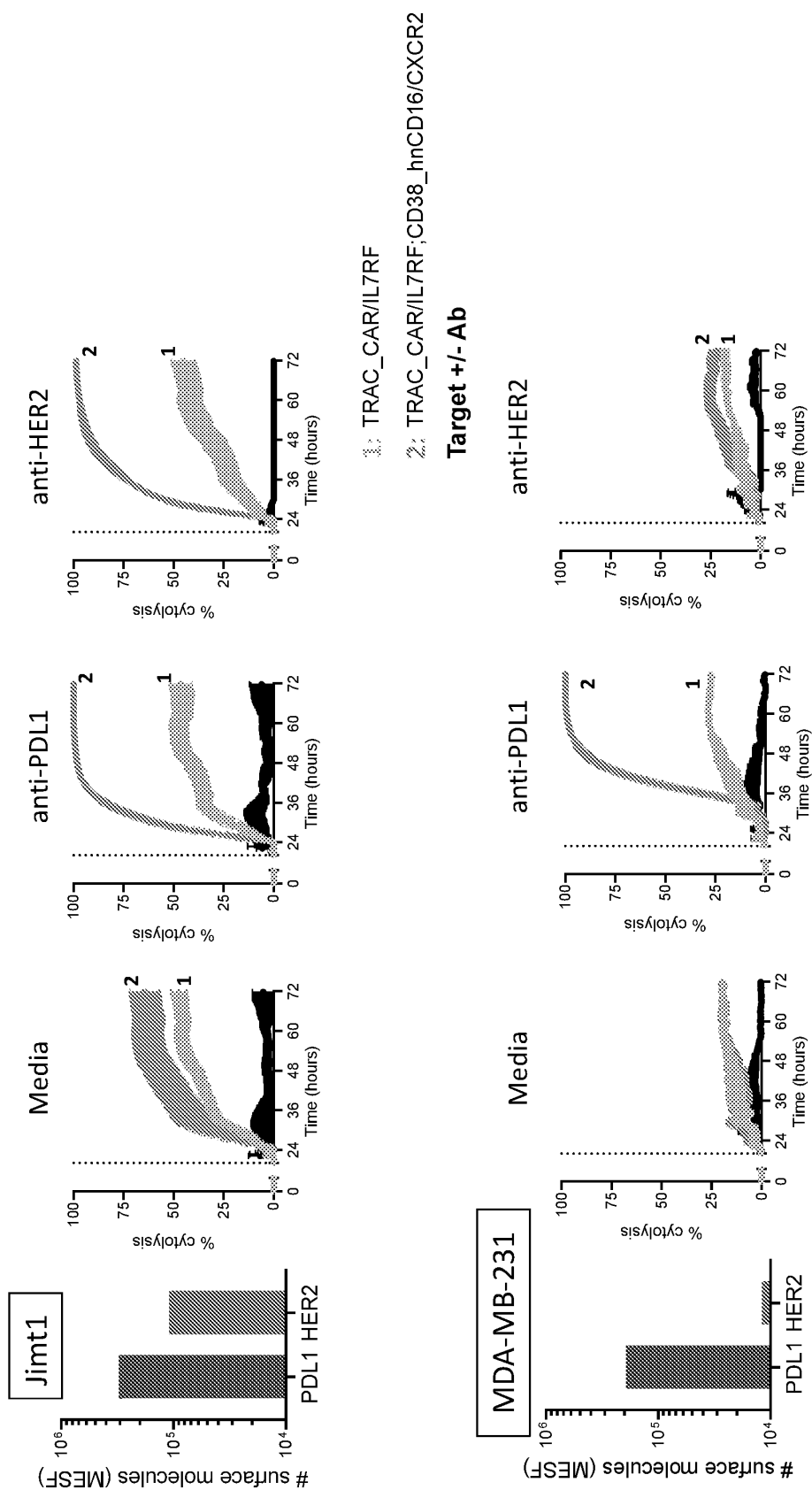


FIG. 27C



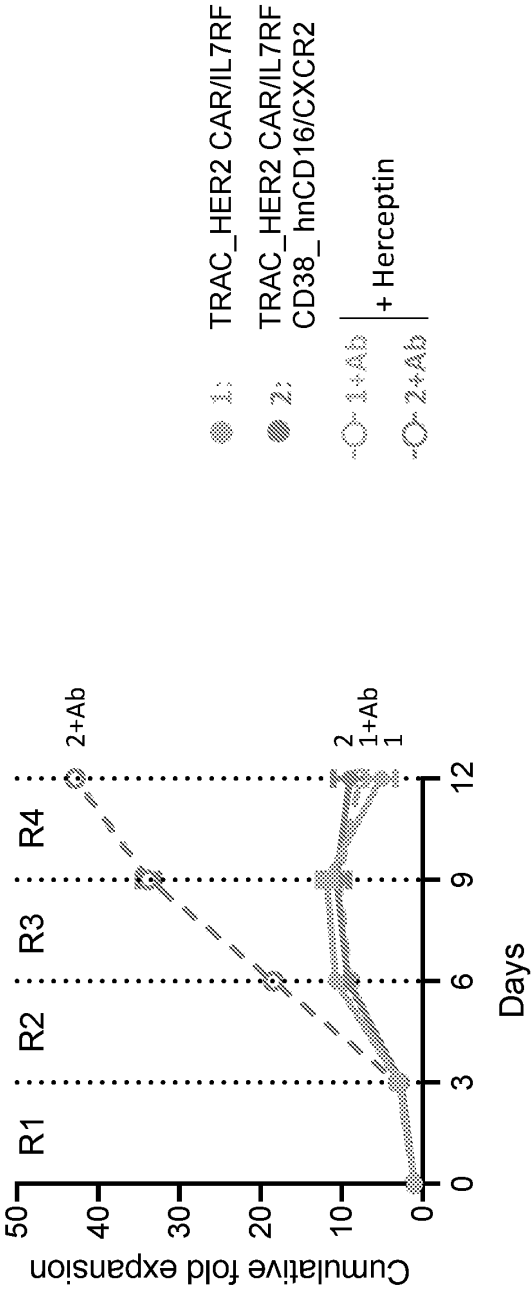


FIG. 29

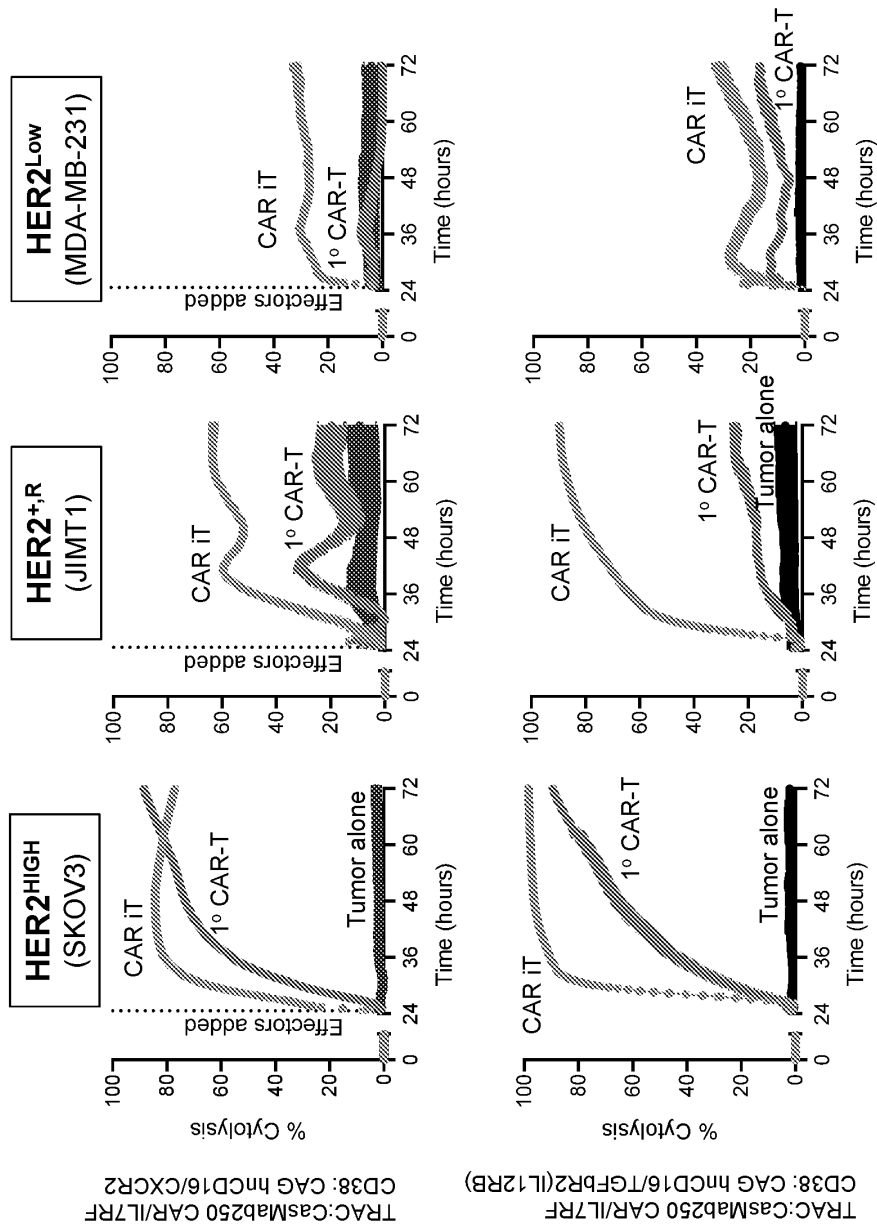


FIG. 30

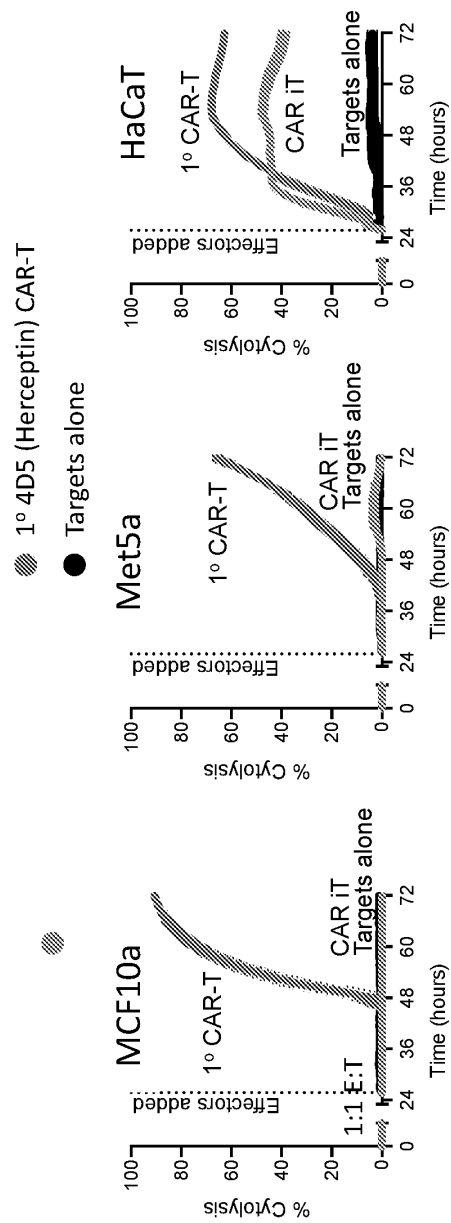
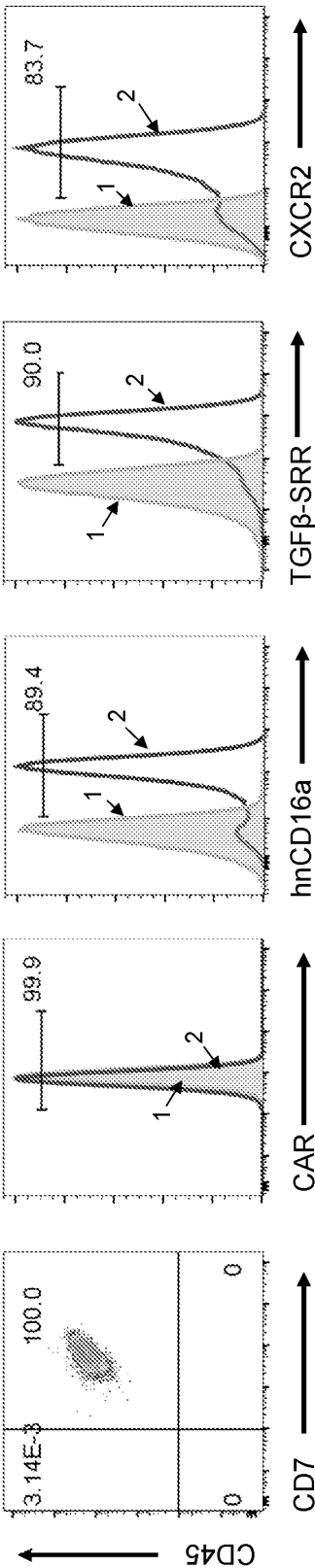


FIG. 31



1: CAR-iT

2: Optimized CAR-iT:

TRAC_HER2-CAR/IL7RF
CD38_TGFβ-SRR/hnCD16/CXCR2

FIG. 32

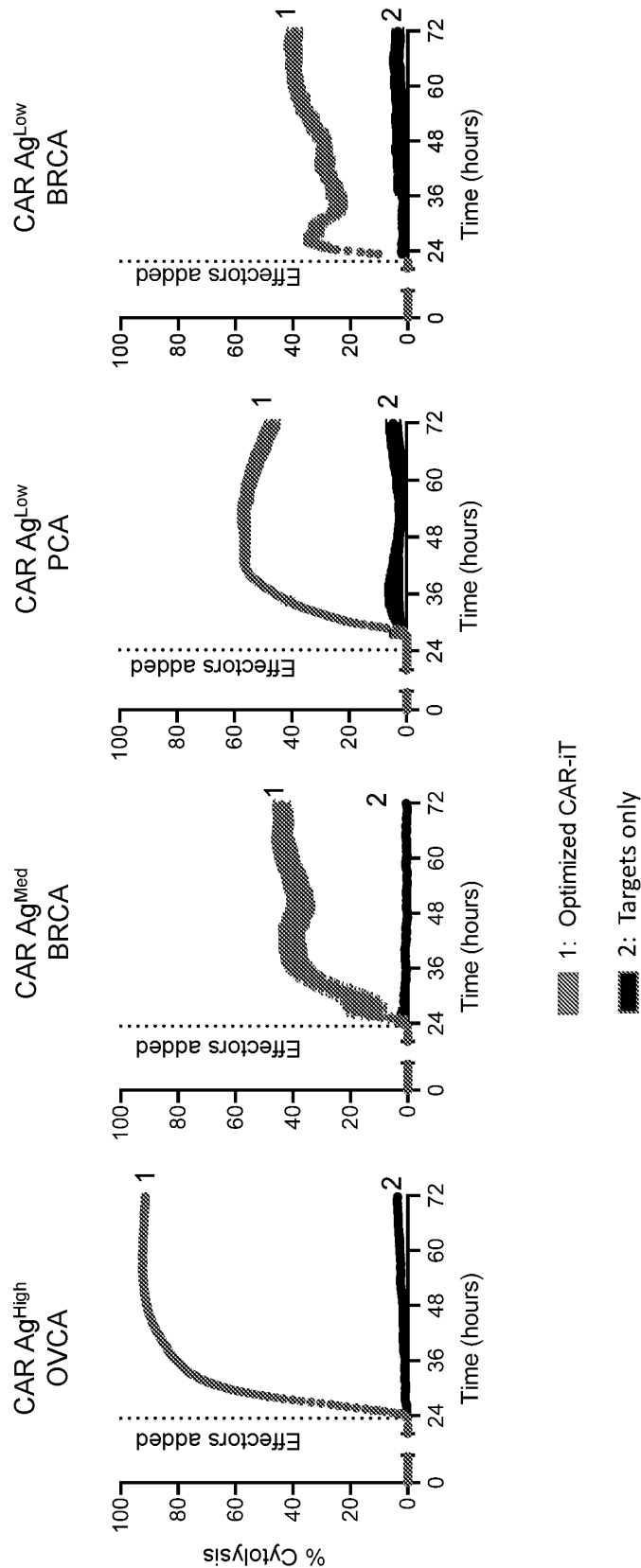
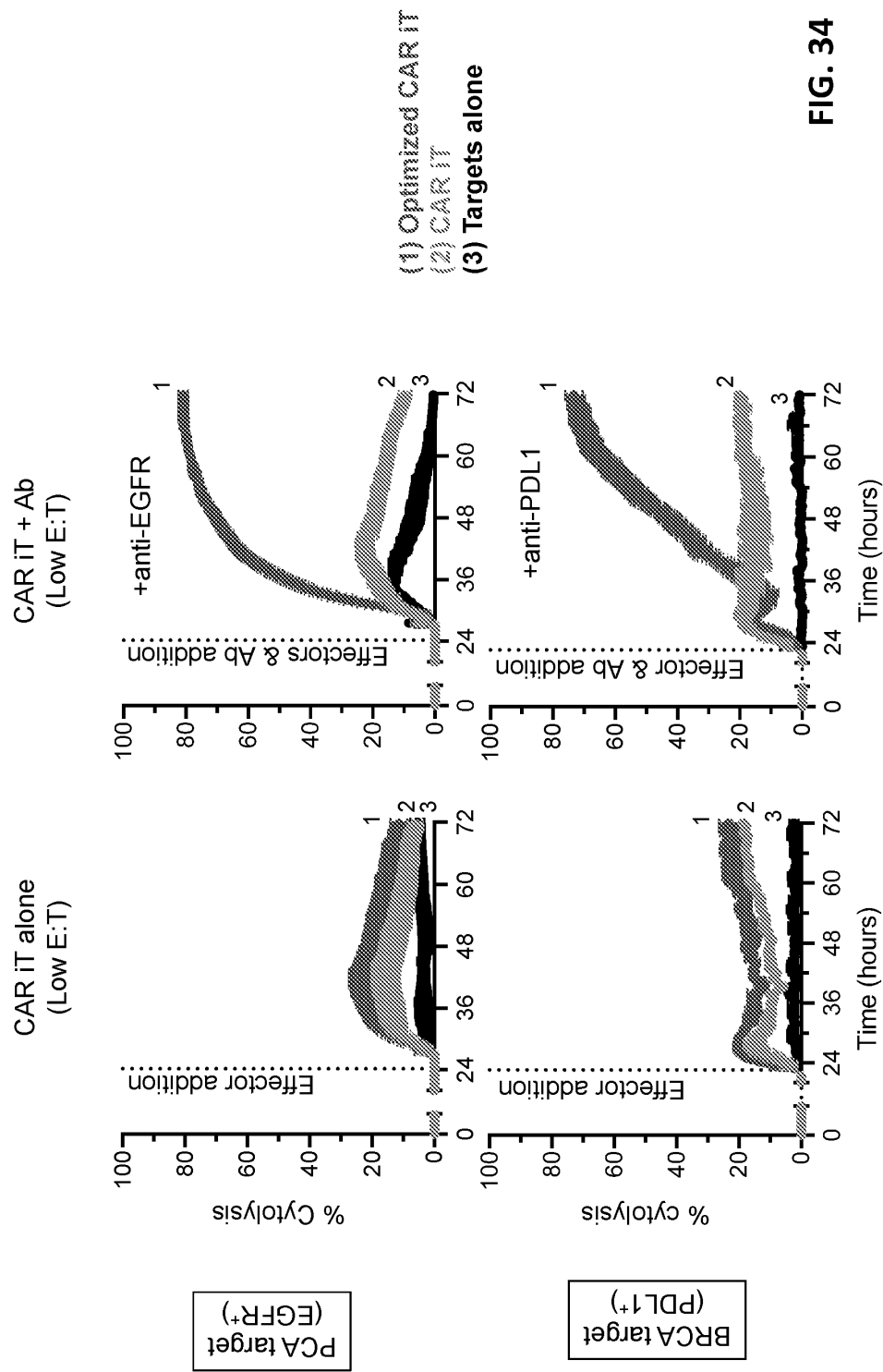
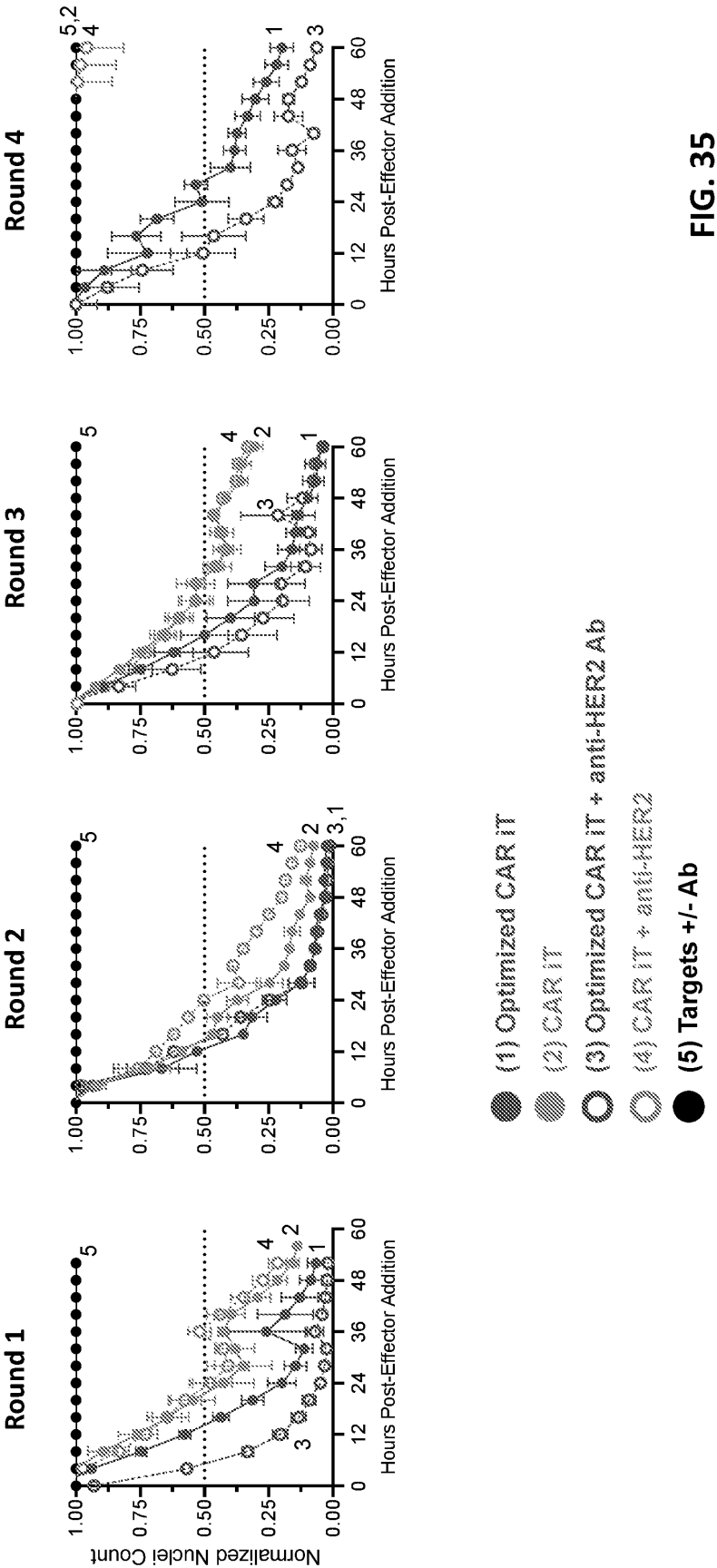
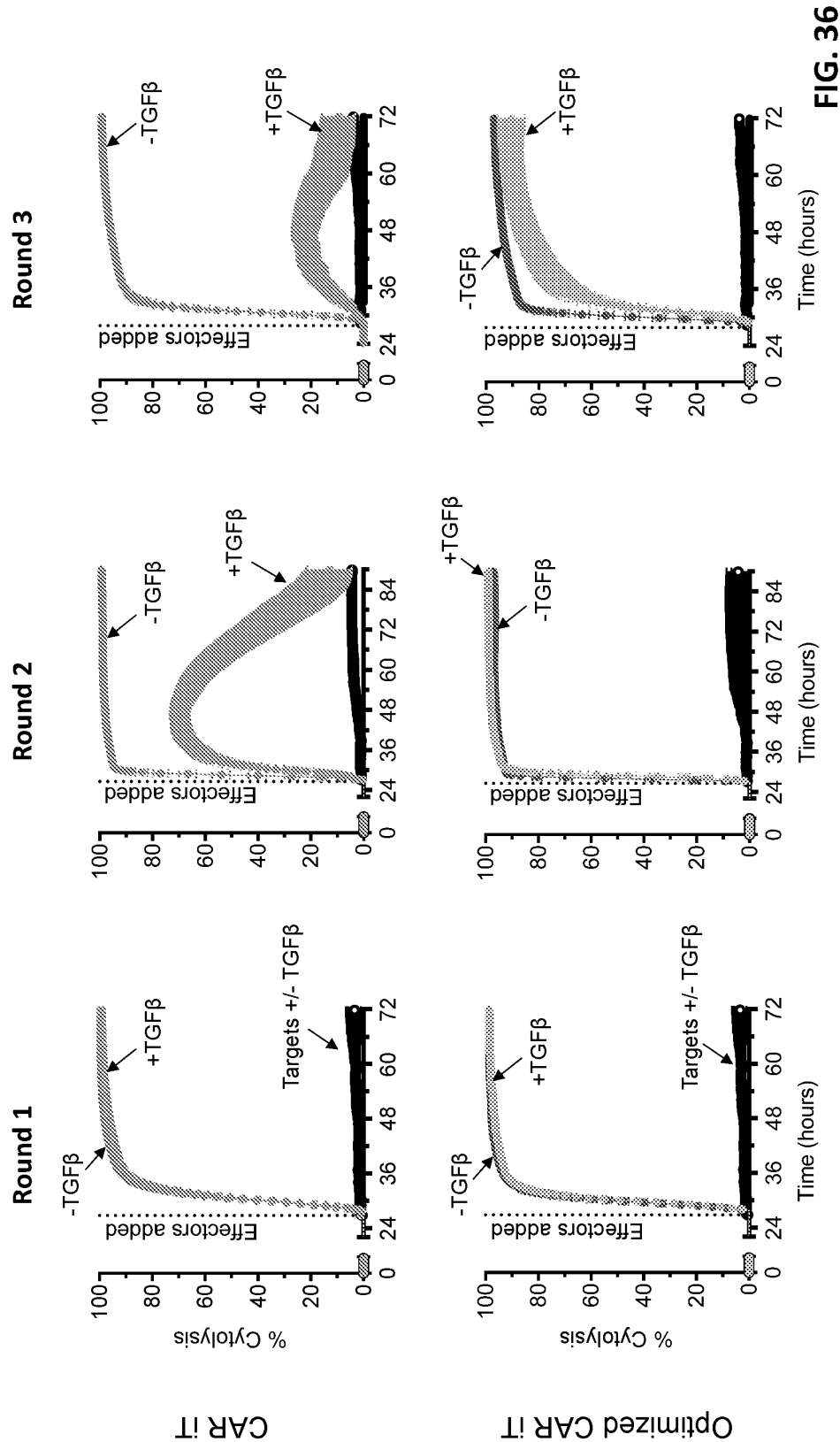


FIG. 33







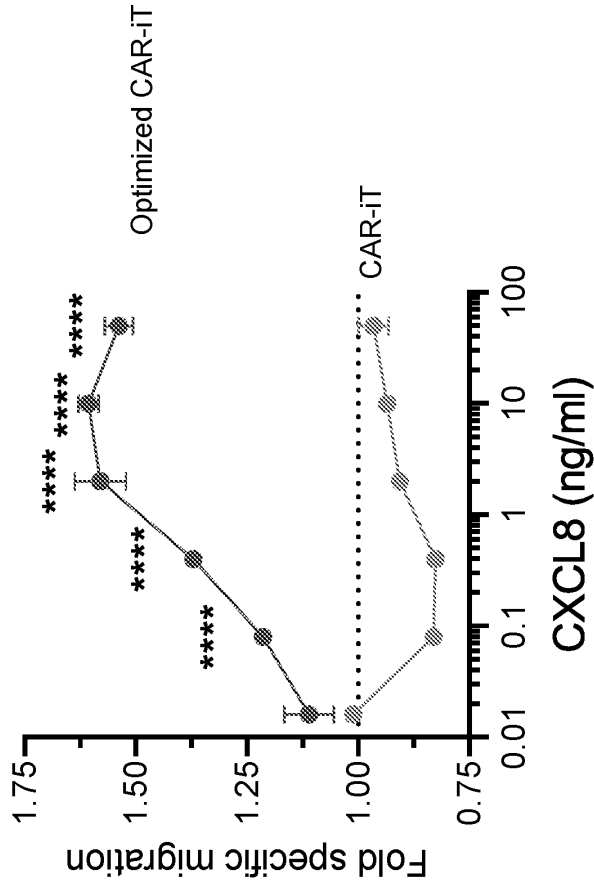


FIG. 37

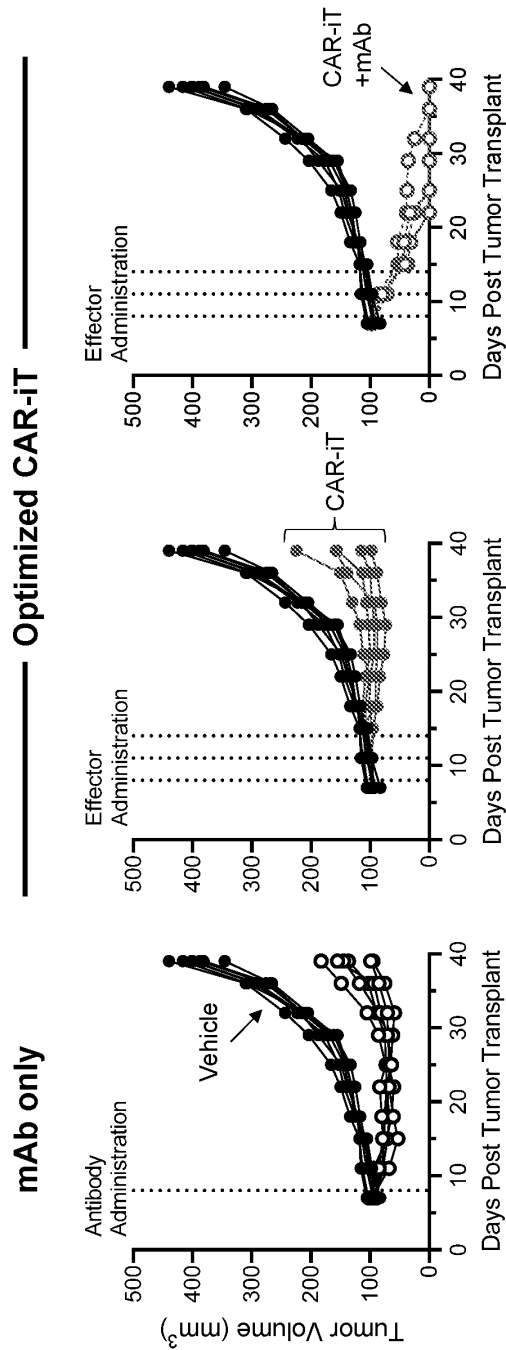


FIG. 38A

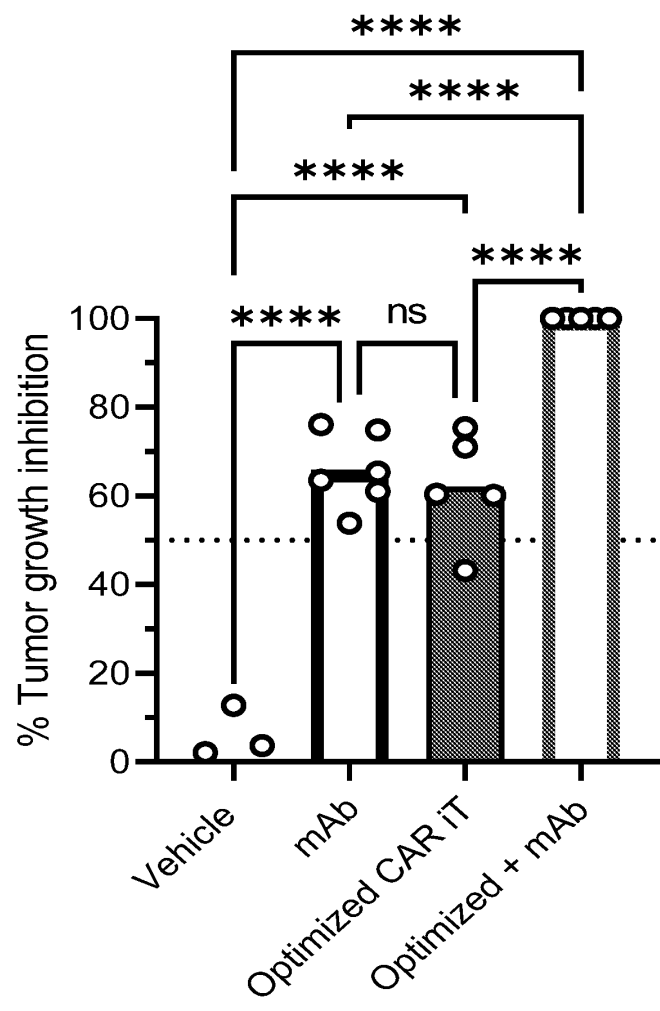


FIG. 38B