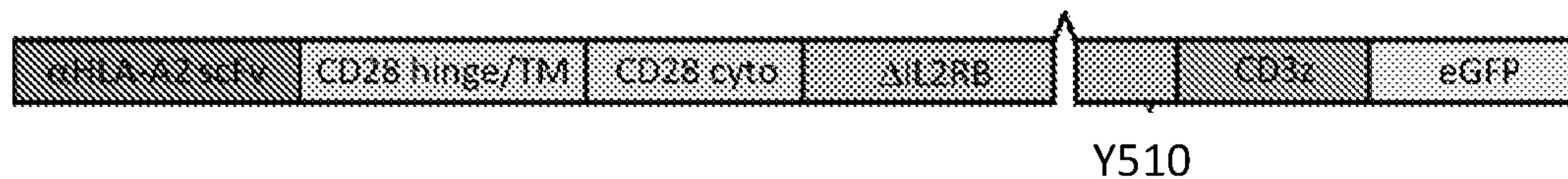
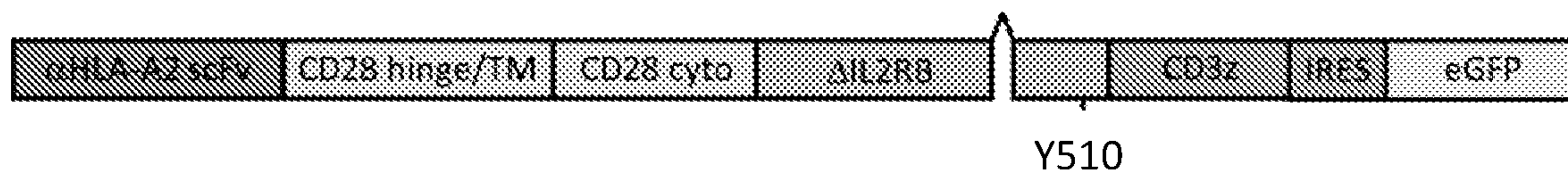


FIGURE 1

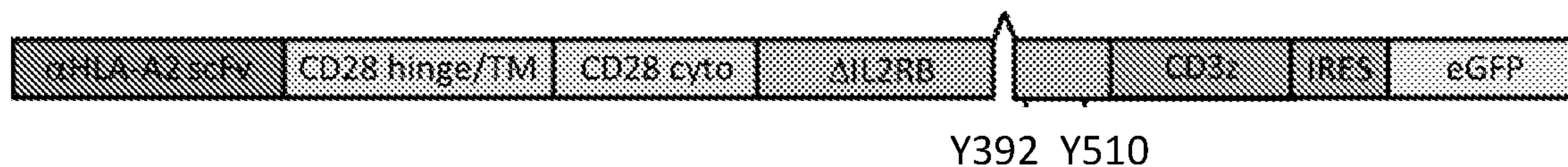
- 1) α HLA-A2 scFv-CD28 hinge TM – CD28 cyto – Δ IL2RB – CD3z (optional GFP)



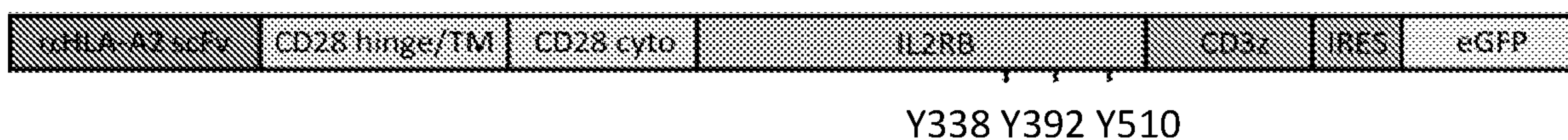
- 2) - Addition of IRES sequence to avoid long coding protein (T2A/P2A as alternative)



- 3) - Truncated IL-2RB containing Y392 and Y510



- 4) - Full length IL-2RB



- 5) Addition of IL-2RG to promote Jak3 recruitment



- 6) - Substitution of CD28 for CD27 cytoplasmic chain (OX40, 41BB, ICOS, TNFRSF25 as alternative)

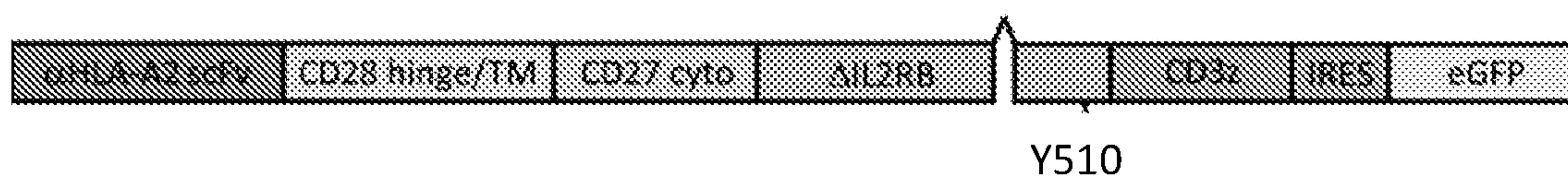


FIGURE 2

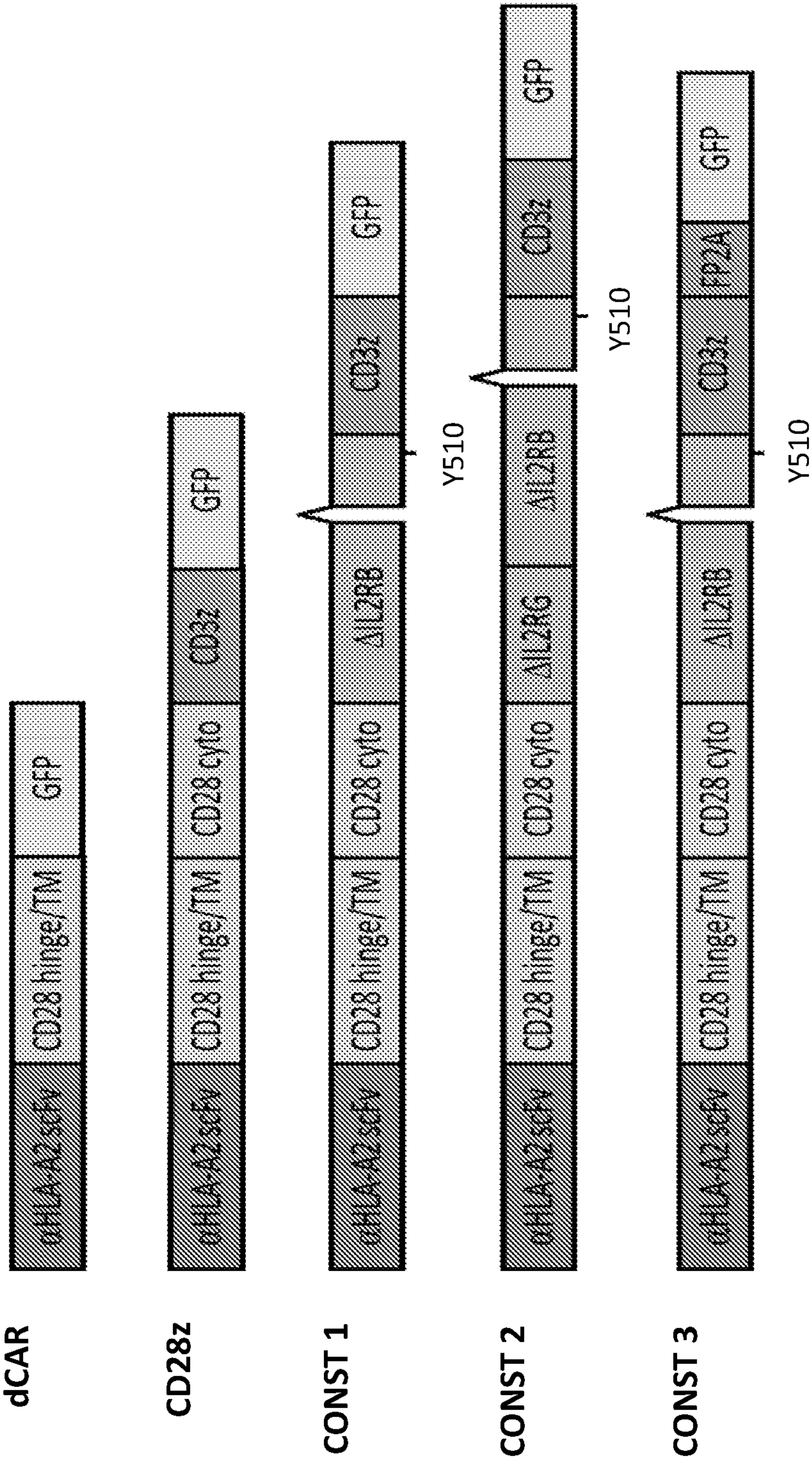
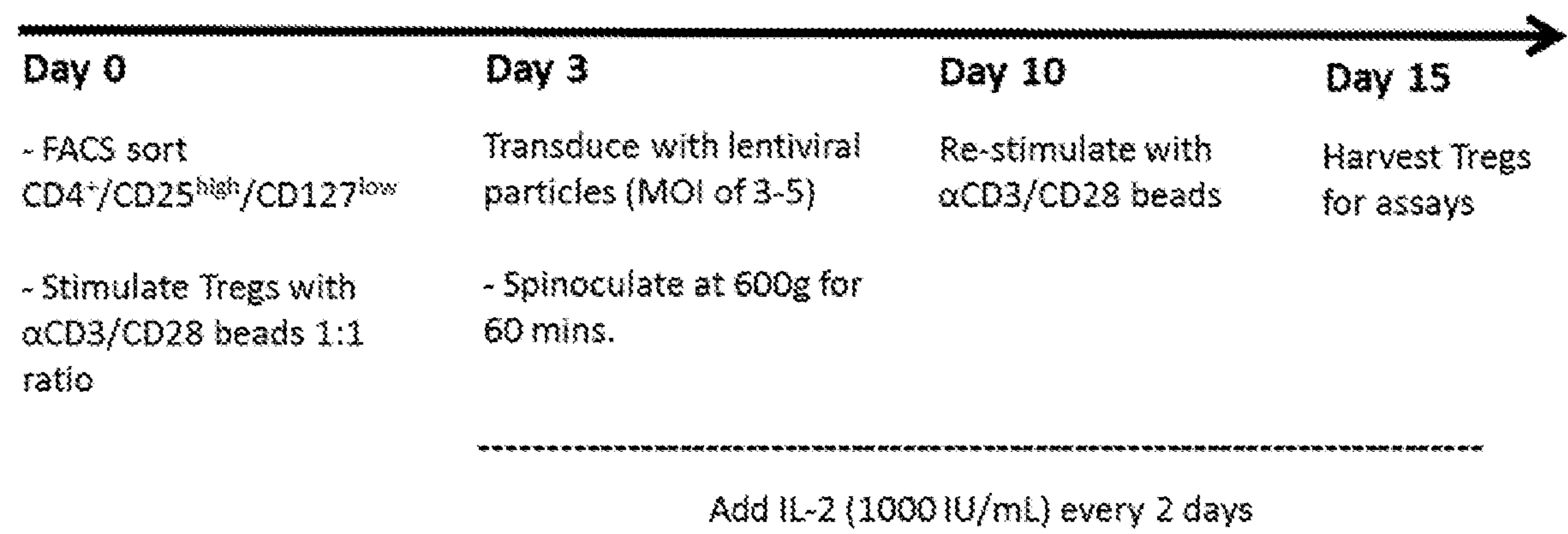


FIGURE 3

A



B

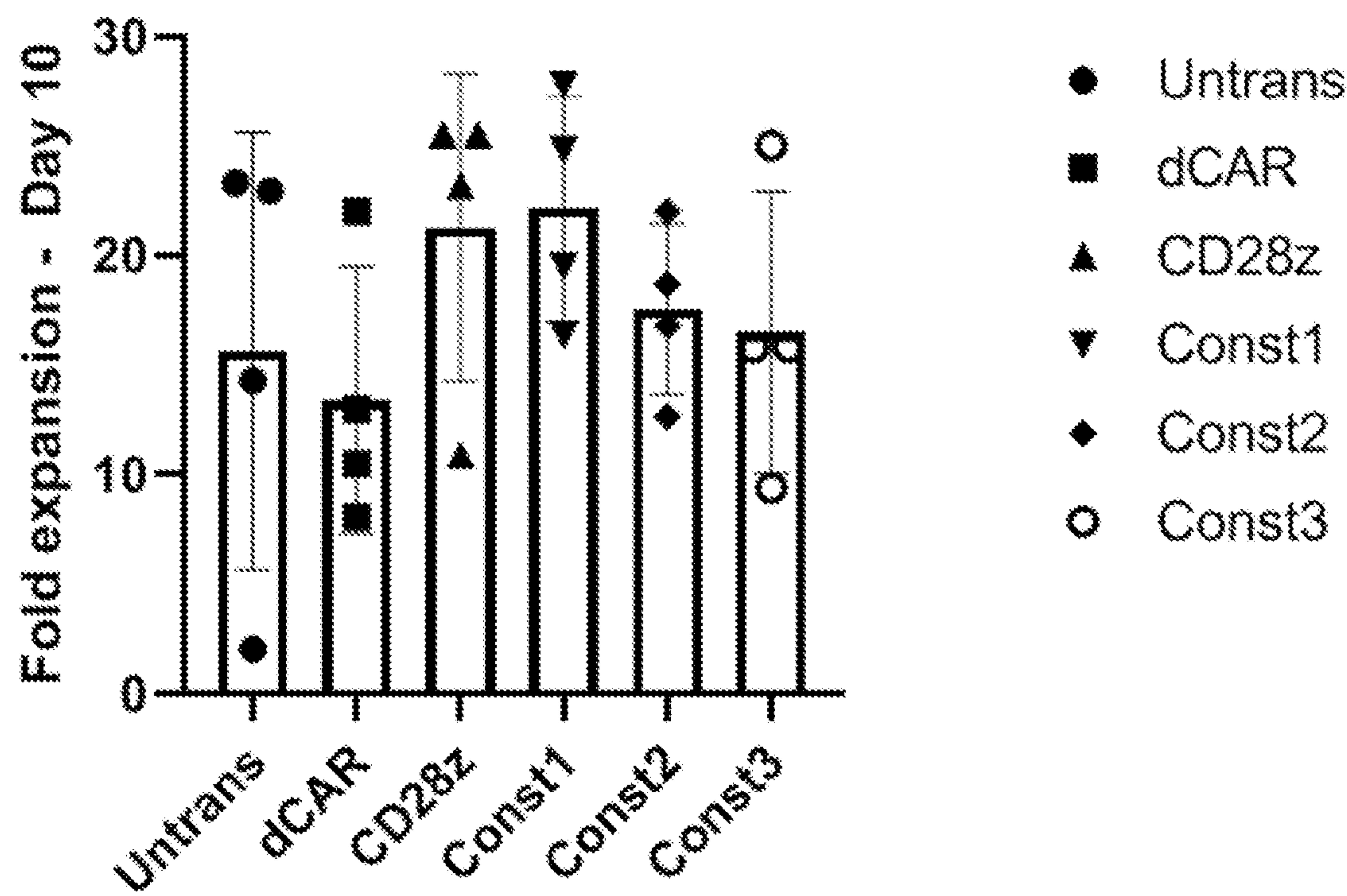


FIGURE 4

A

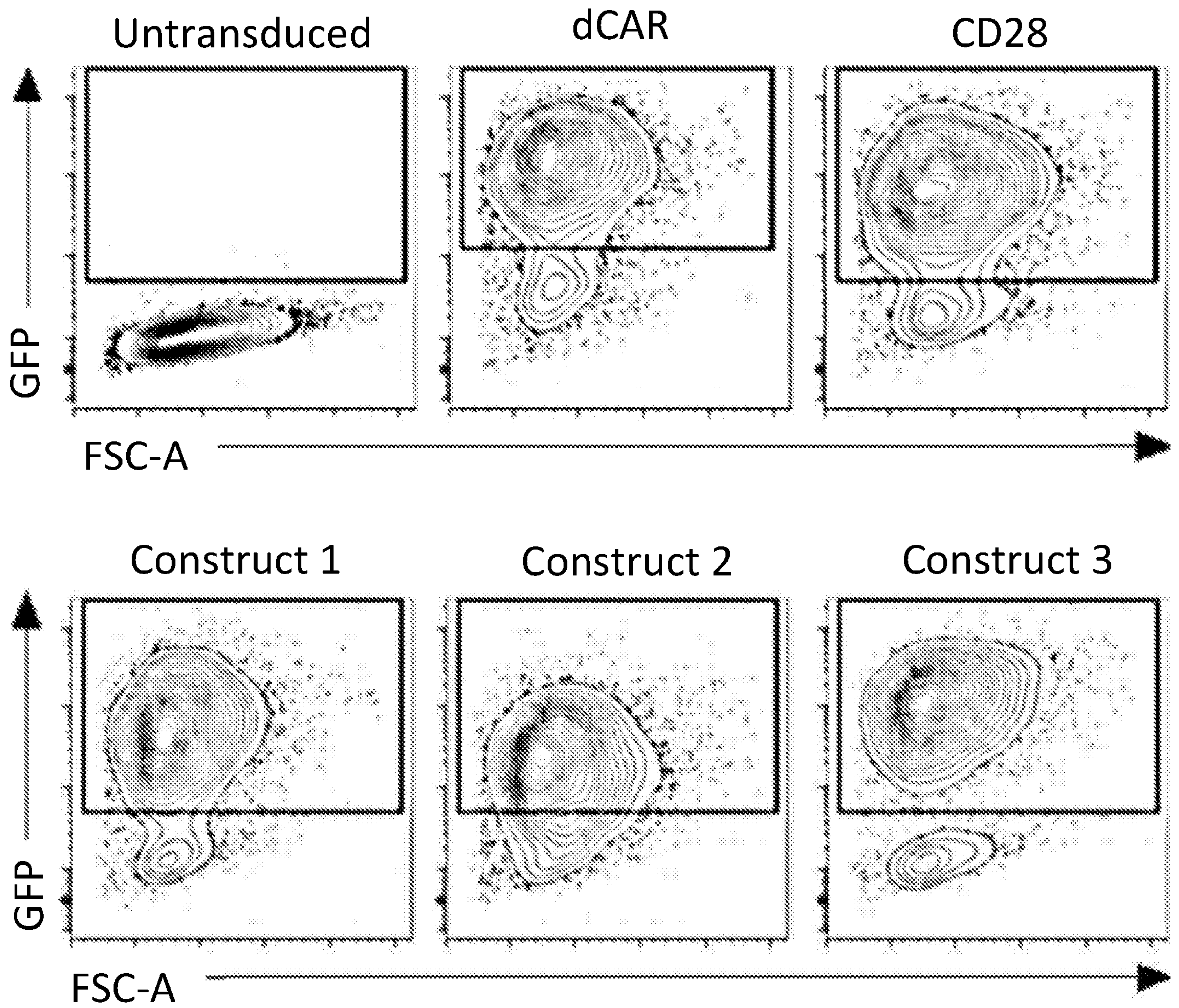


FIGURE 4 (CONTINUED)

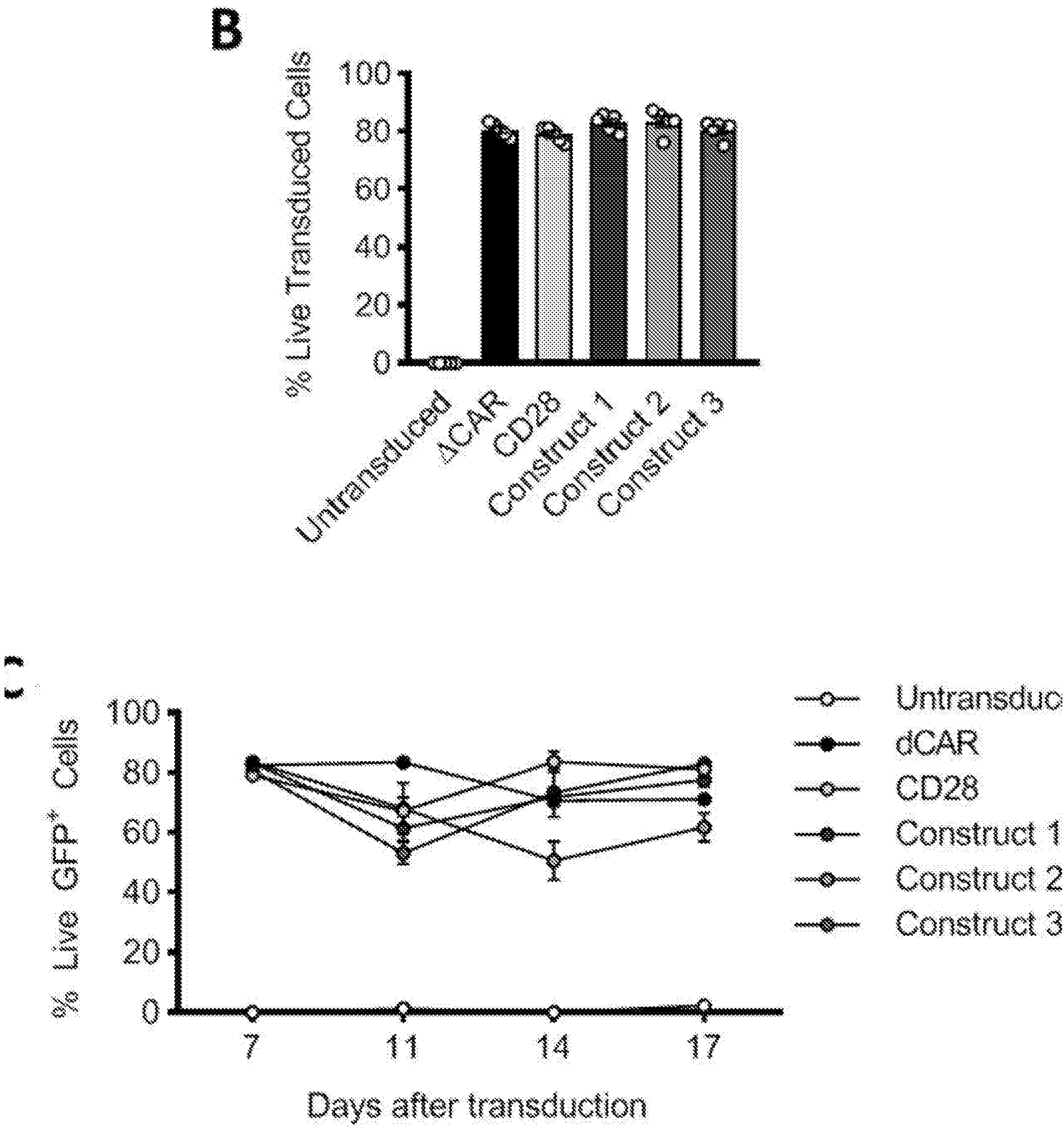


FIGURE 5

A

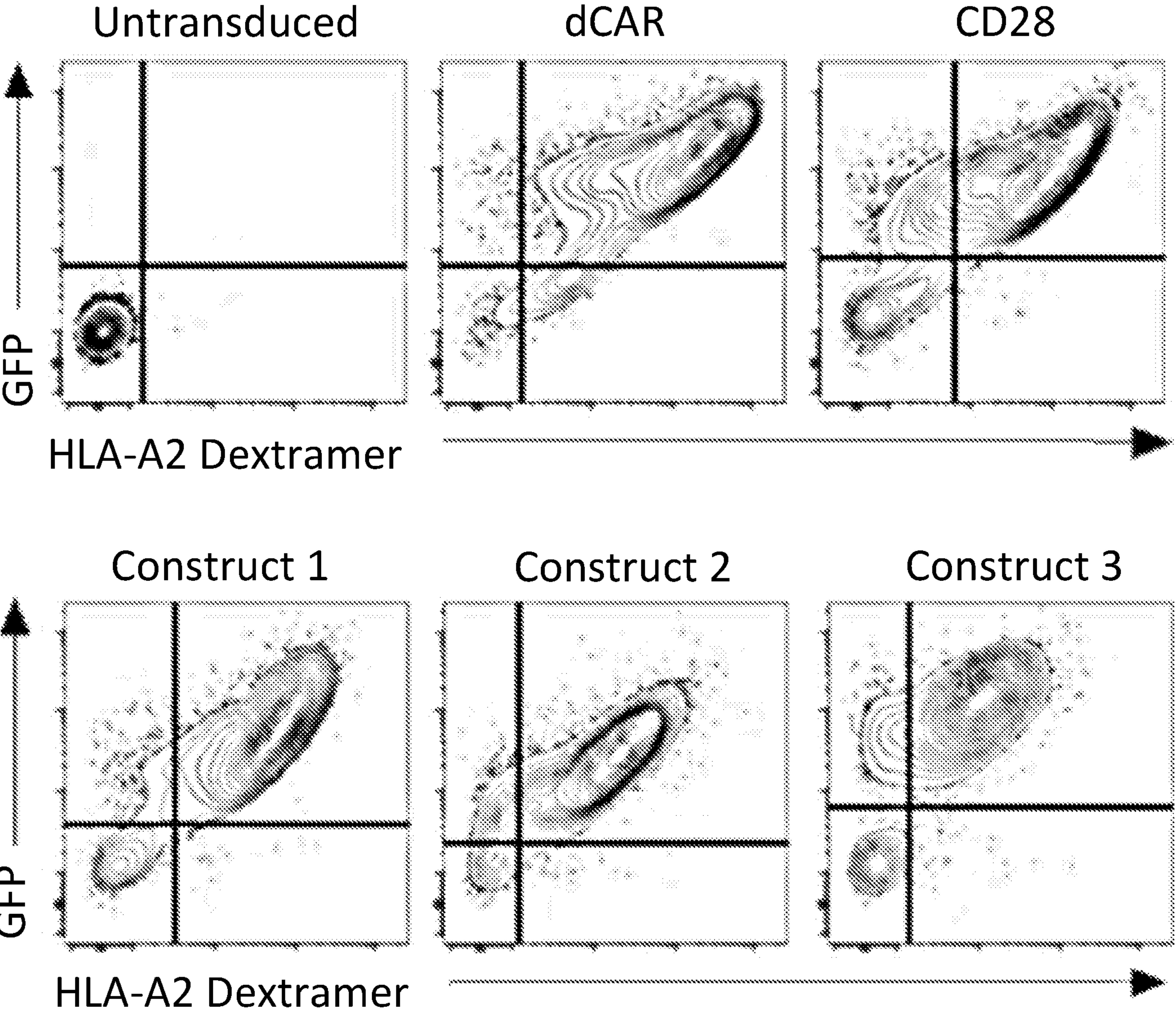


FIGURE 5 (CONTINUED)

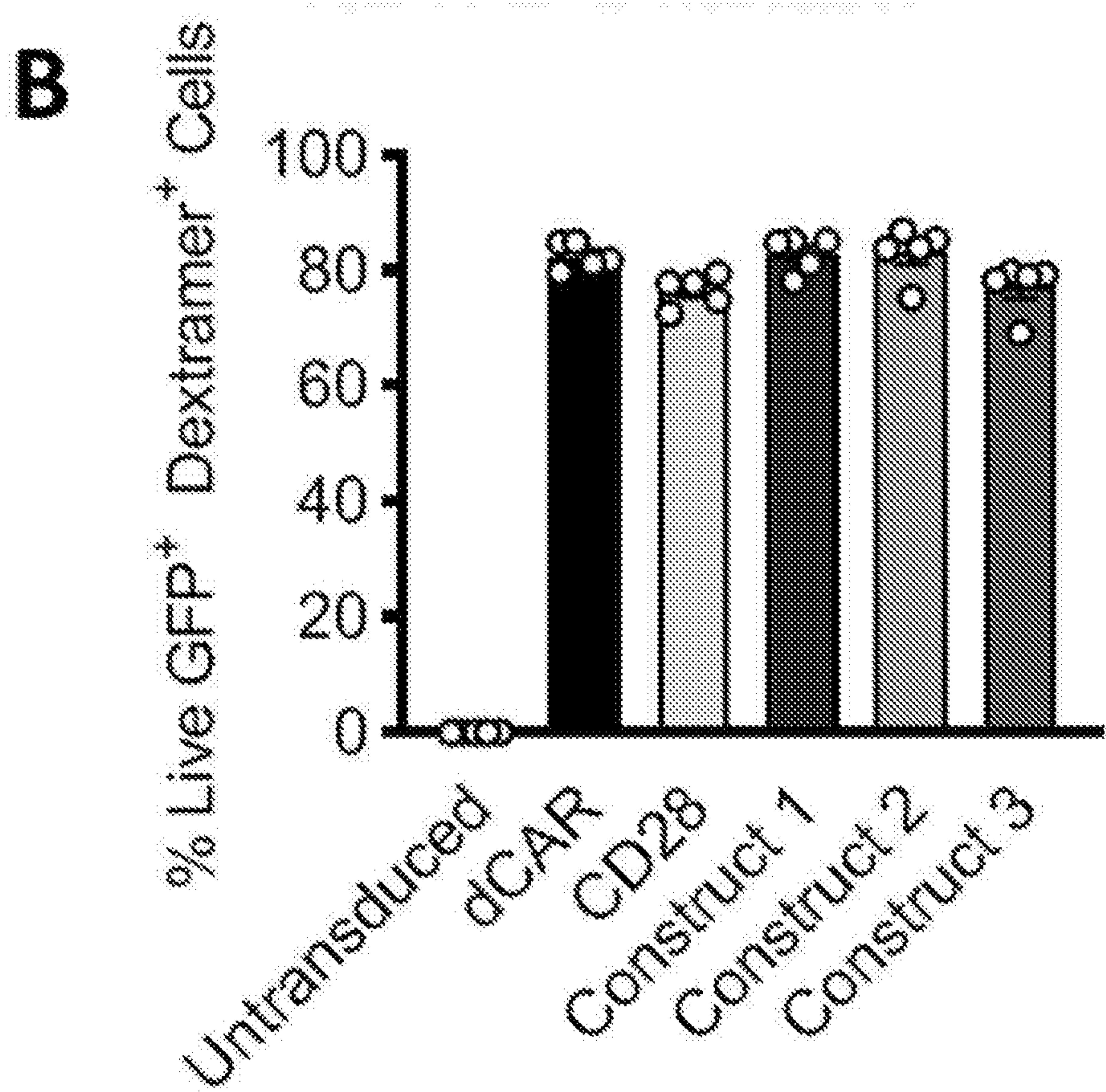


FIGURE 6

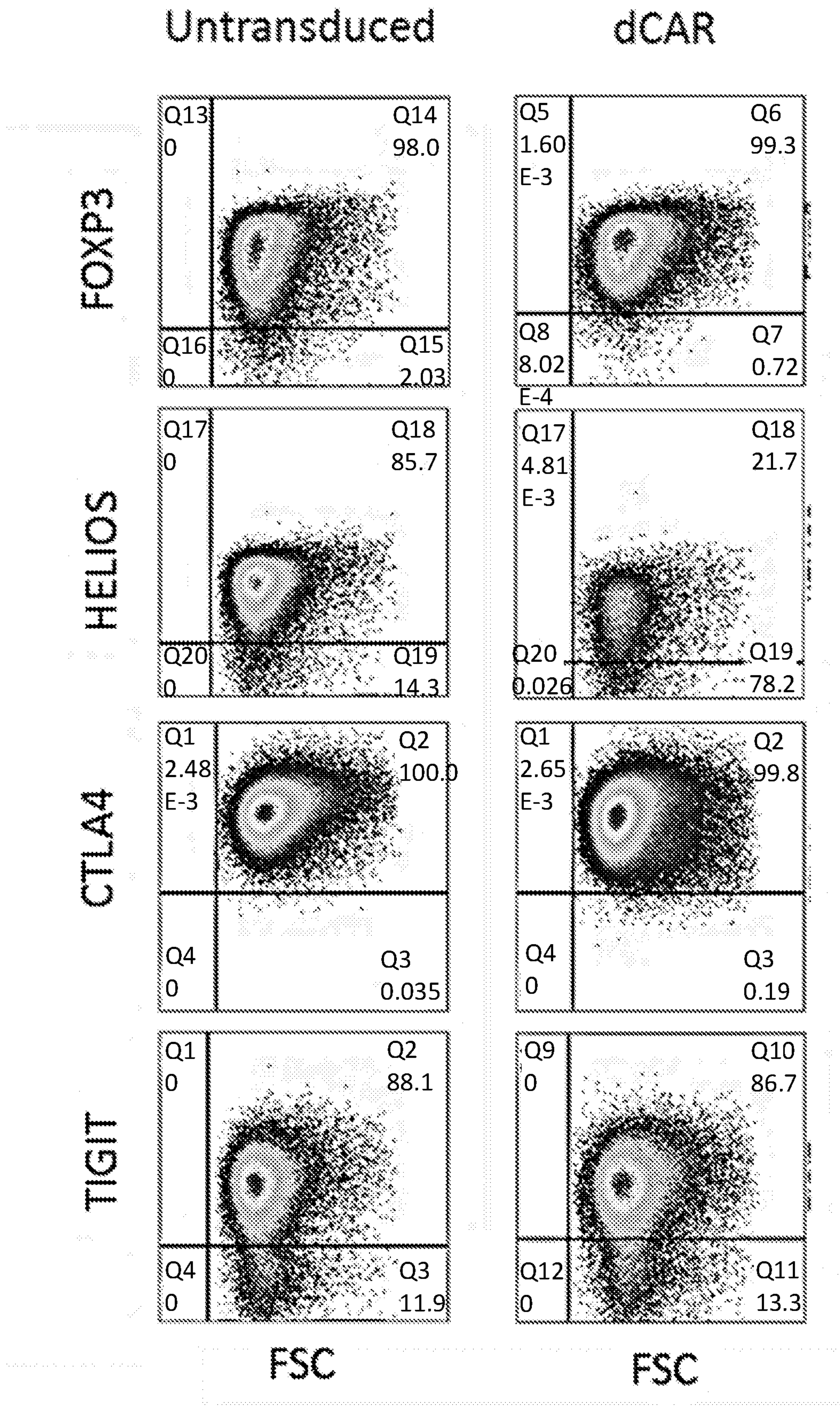


FIGURE 6 (CONTINUED)

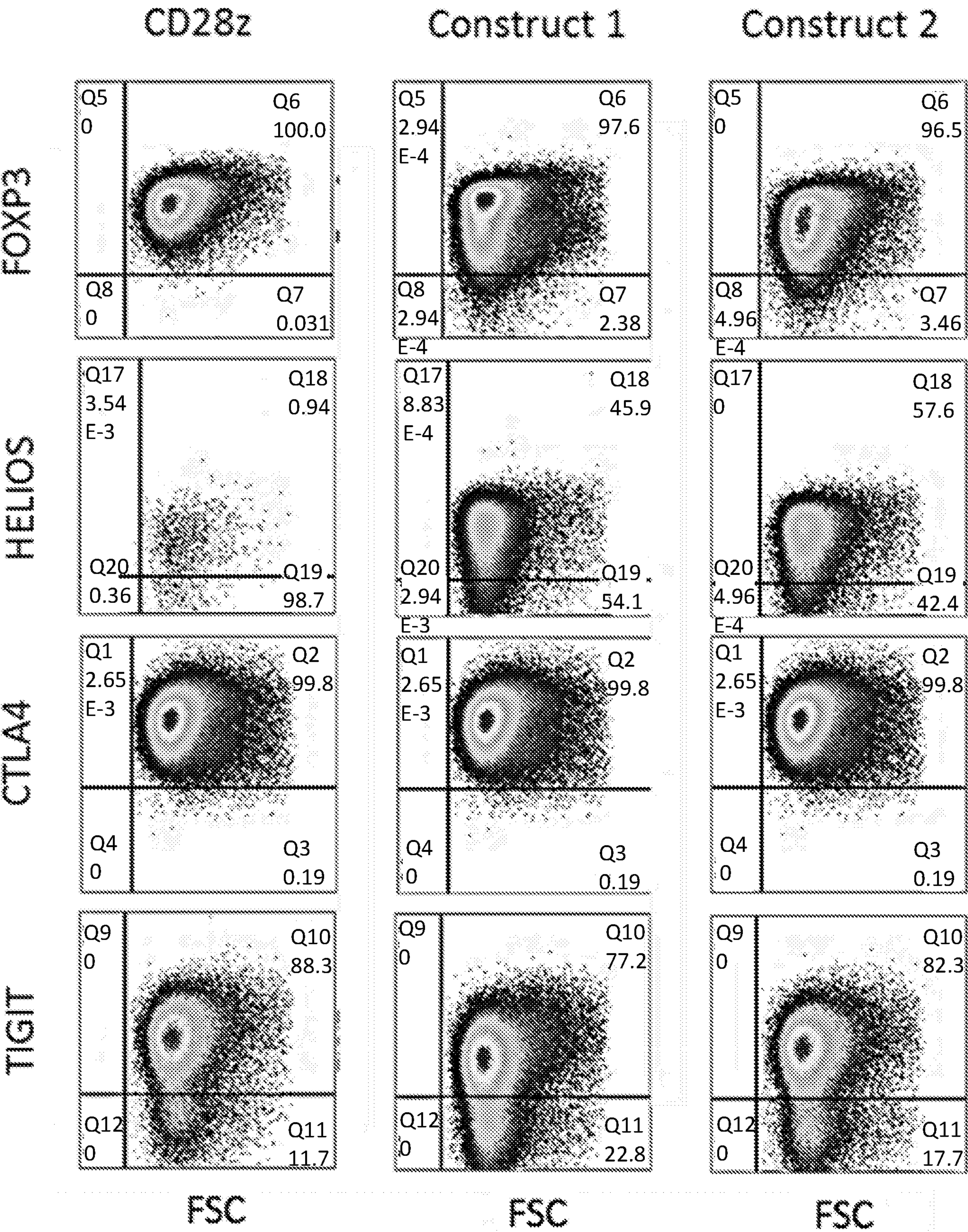


FIGURE 7

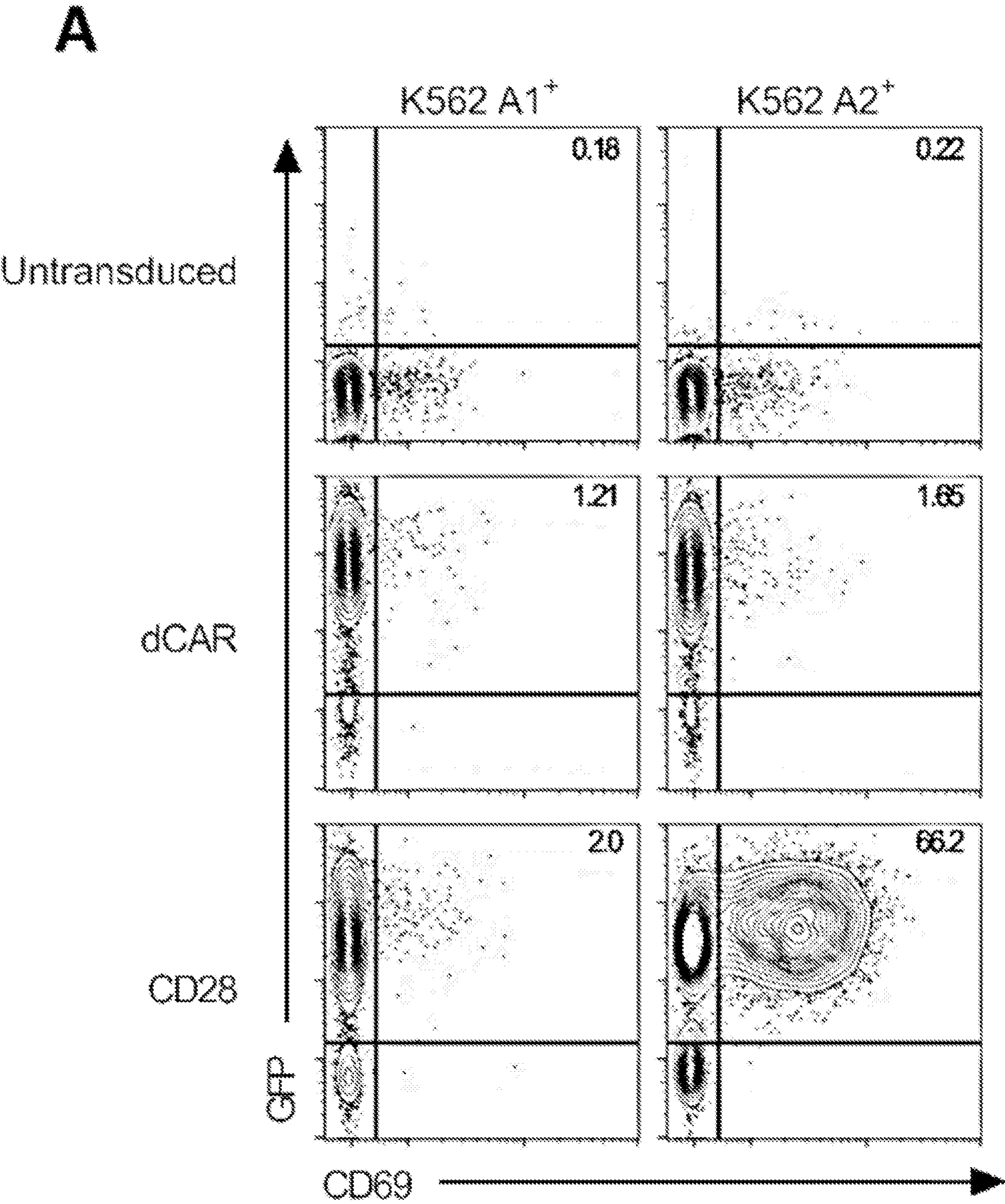


FIGURE 7 (CONTINUED)

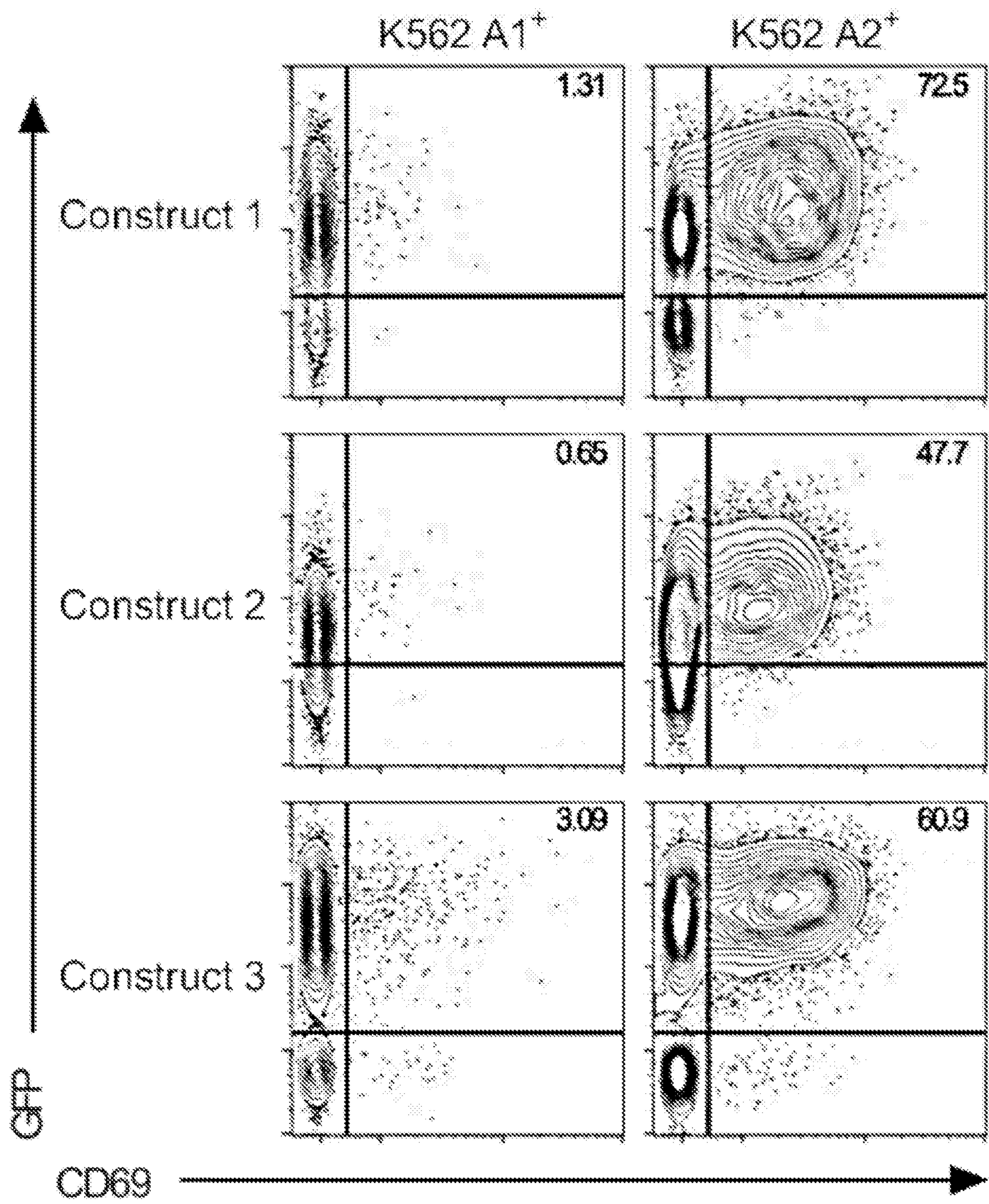


FIGURE 7 (CONTINUED)

B

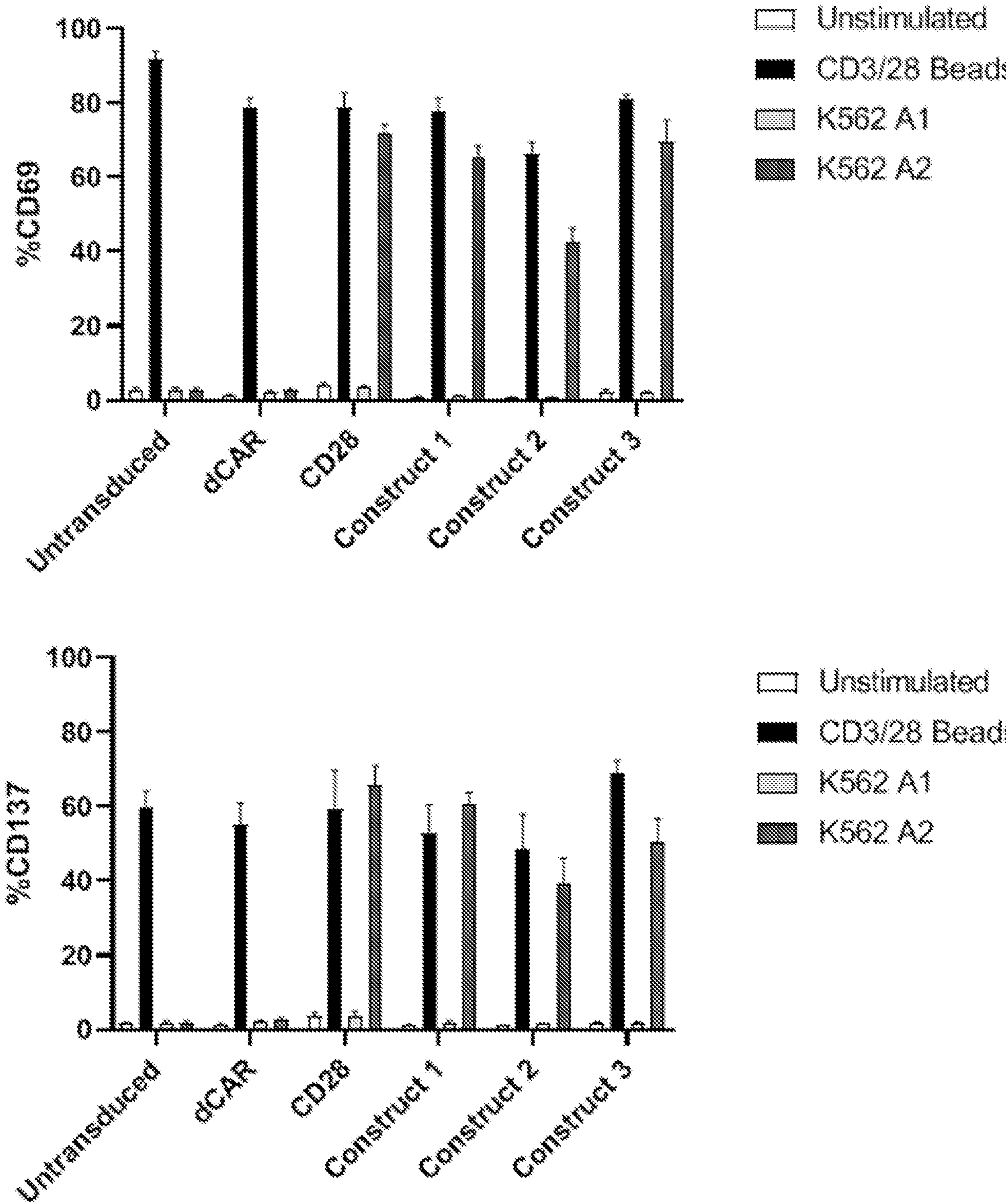


FIGURE 7 (CONTINUED)

C

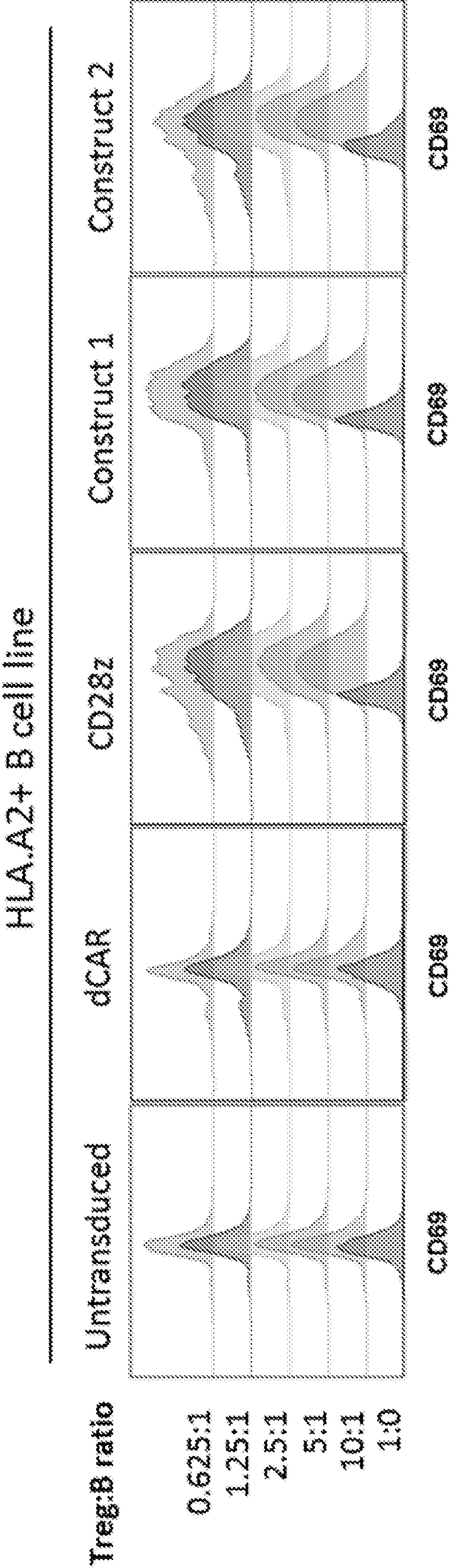
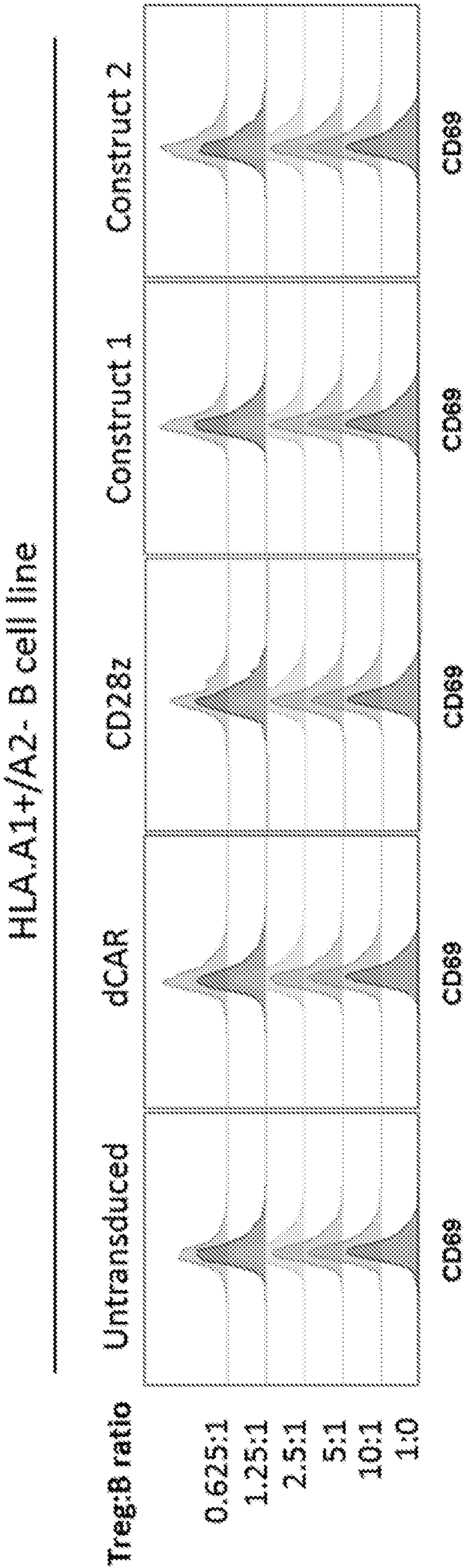


FIGURE 8

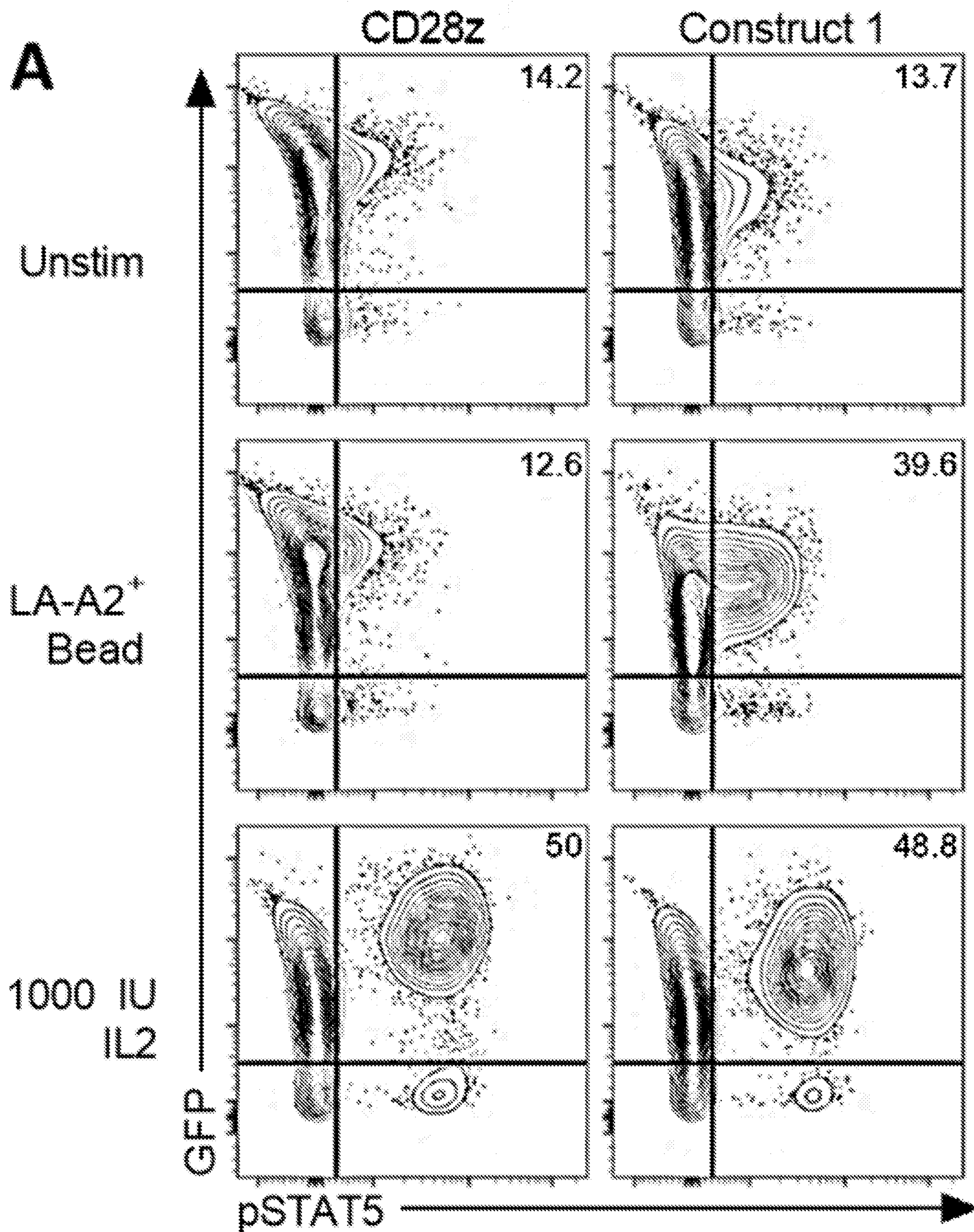


FIGURE 8 (CONTINUED)

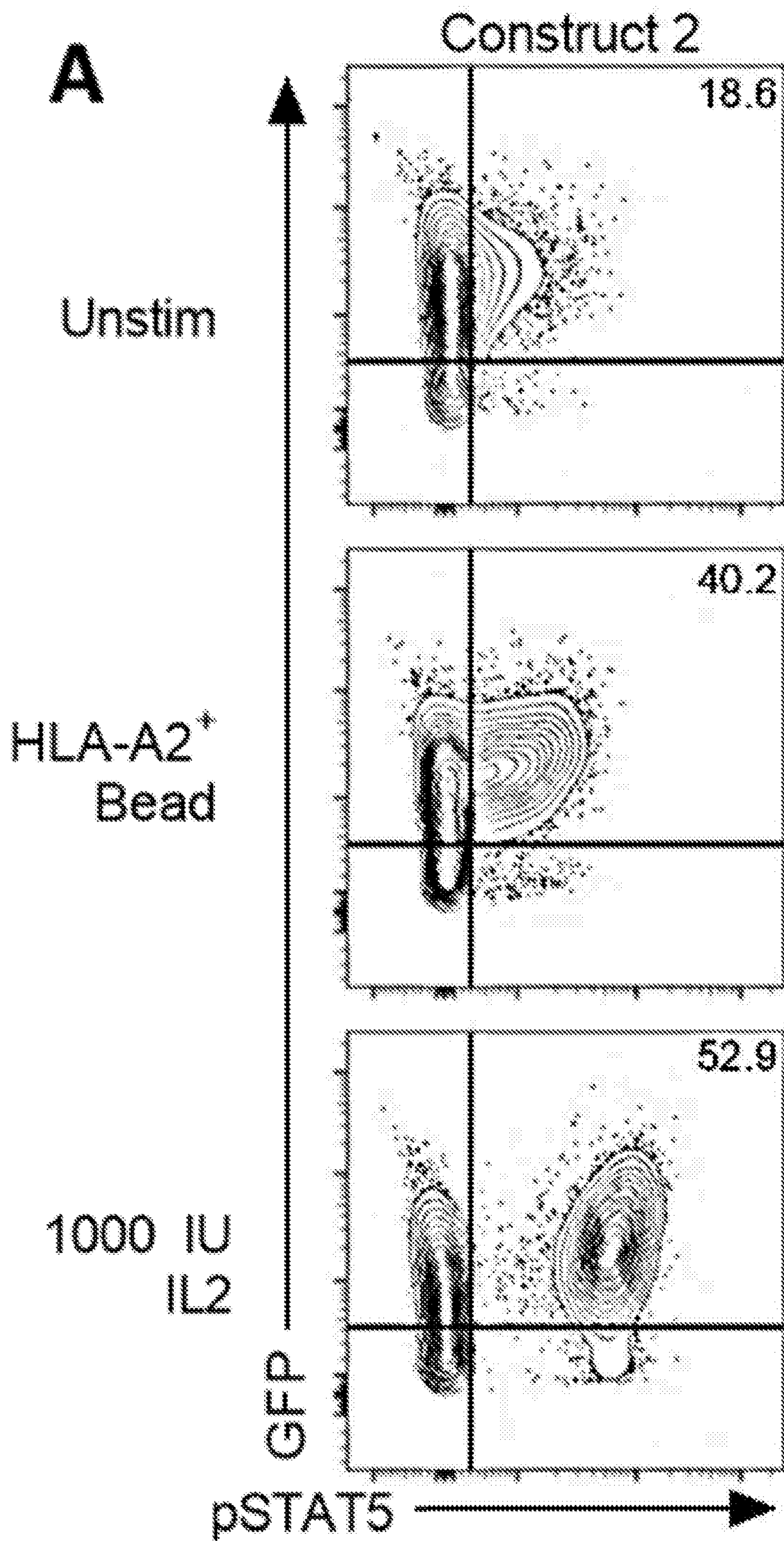
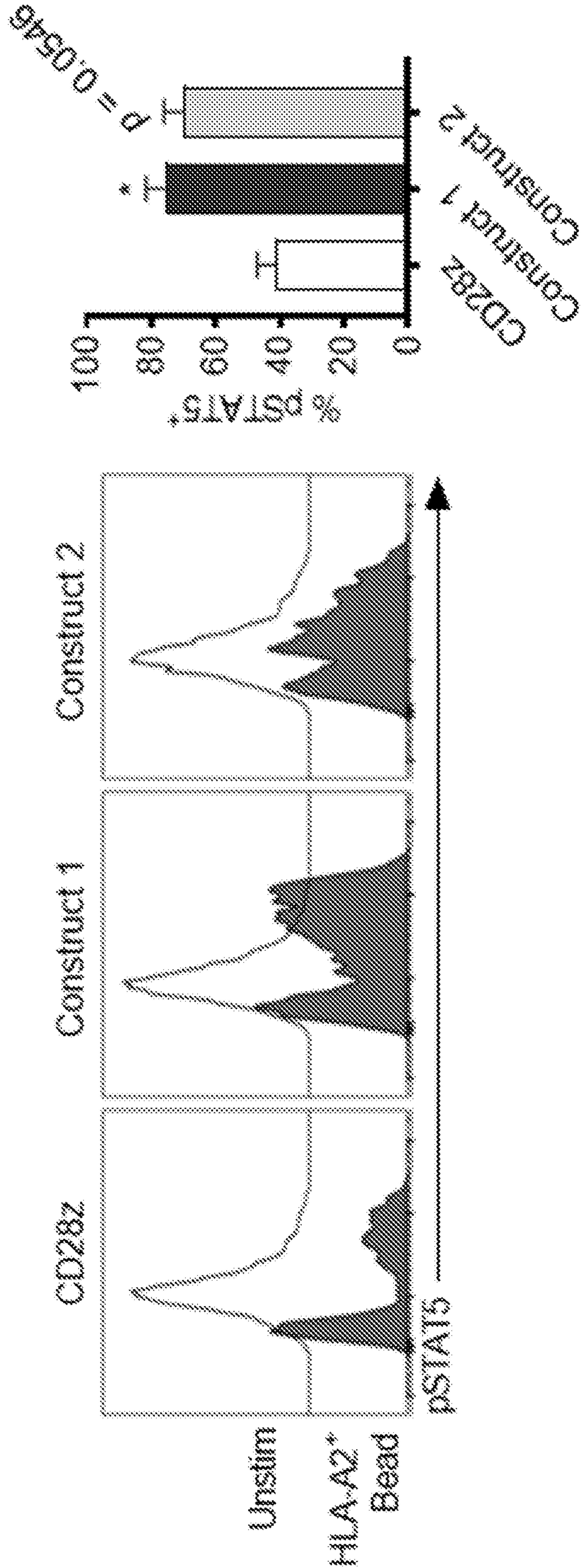


FIGURE 8 (CONTINUED)



B

FIGURE 9

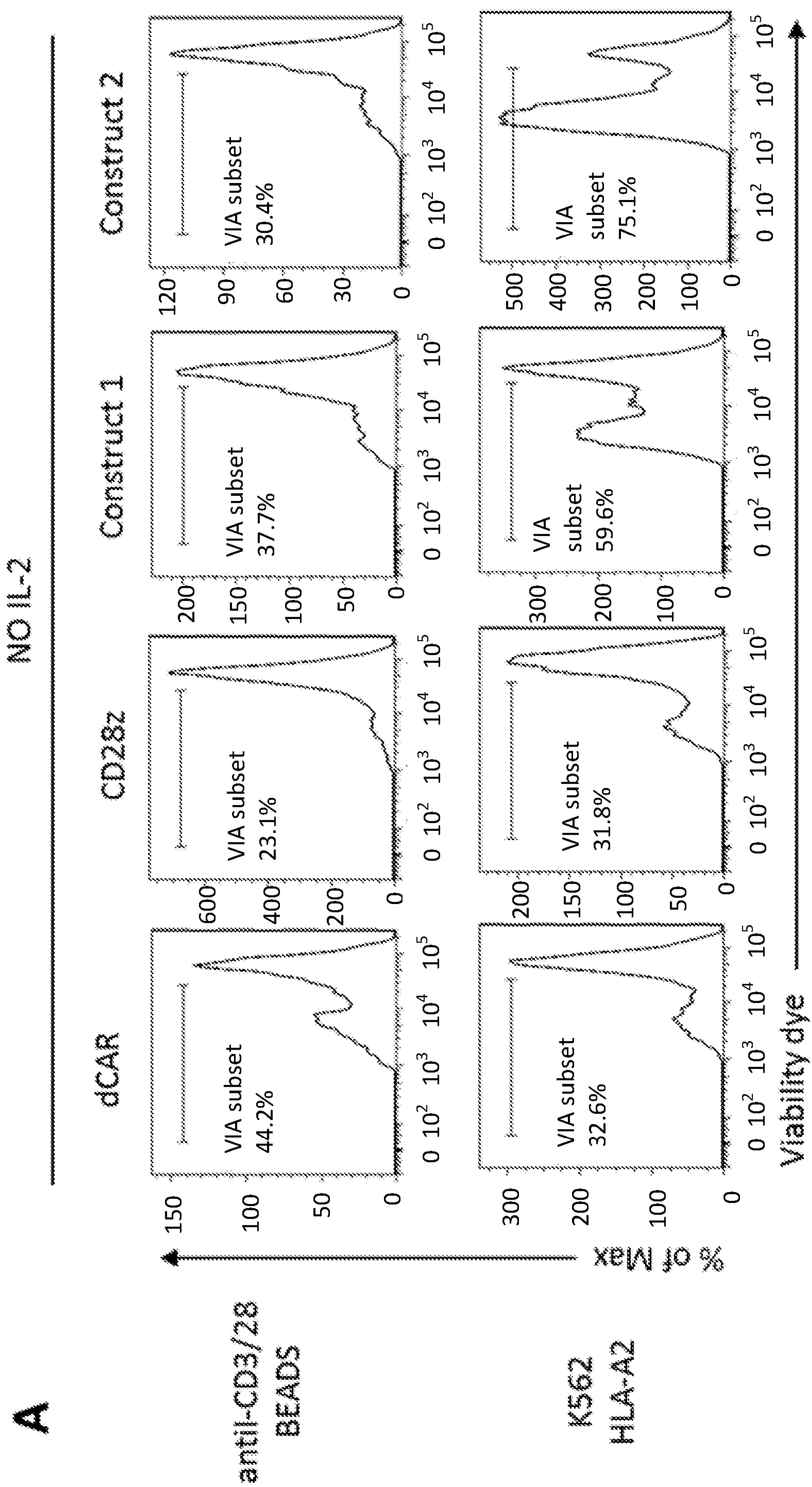


FIGURE 9 (CONTINUED)

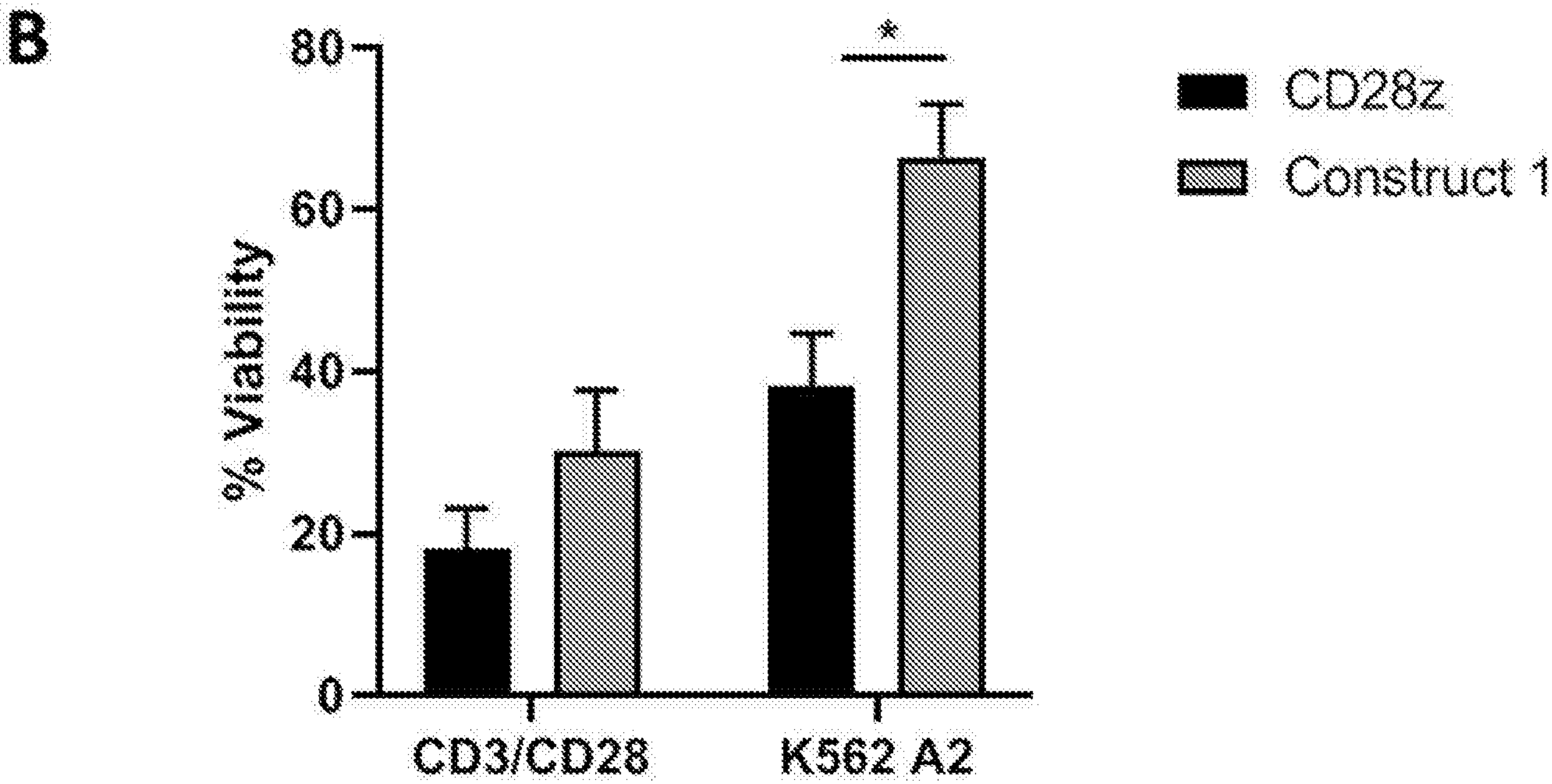


FIGURE 10

