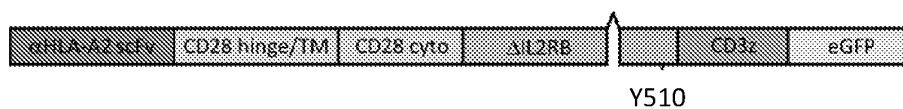
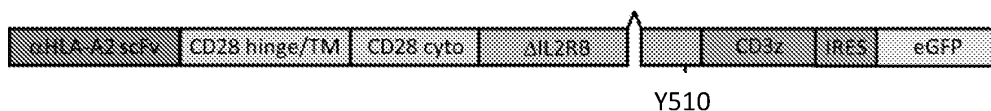


FIGURE 1

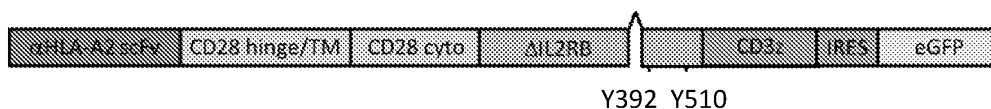
- 1)  $\alpha$ HLA-A2 scFv-CD28 hinge TM – CD28 cyto –  $\Delta$ IL2RB – CD3z (optional GFP)



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



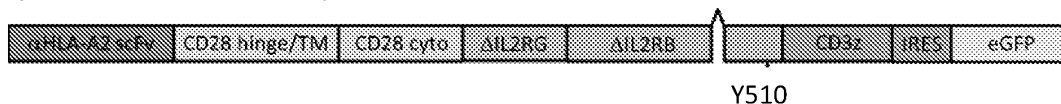
- 3) - Truncated IL-2RB containing Y392 and Y510



- 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)

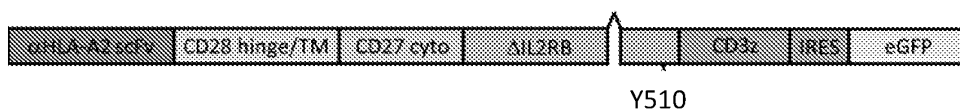


FIGURE 2

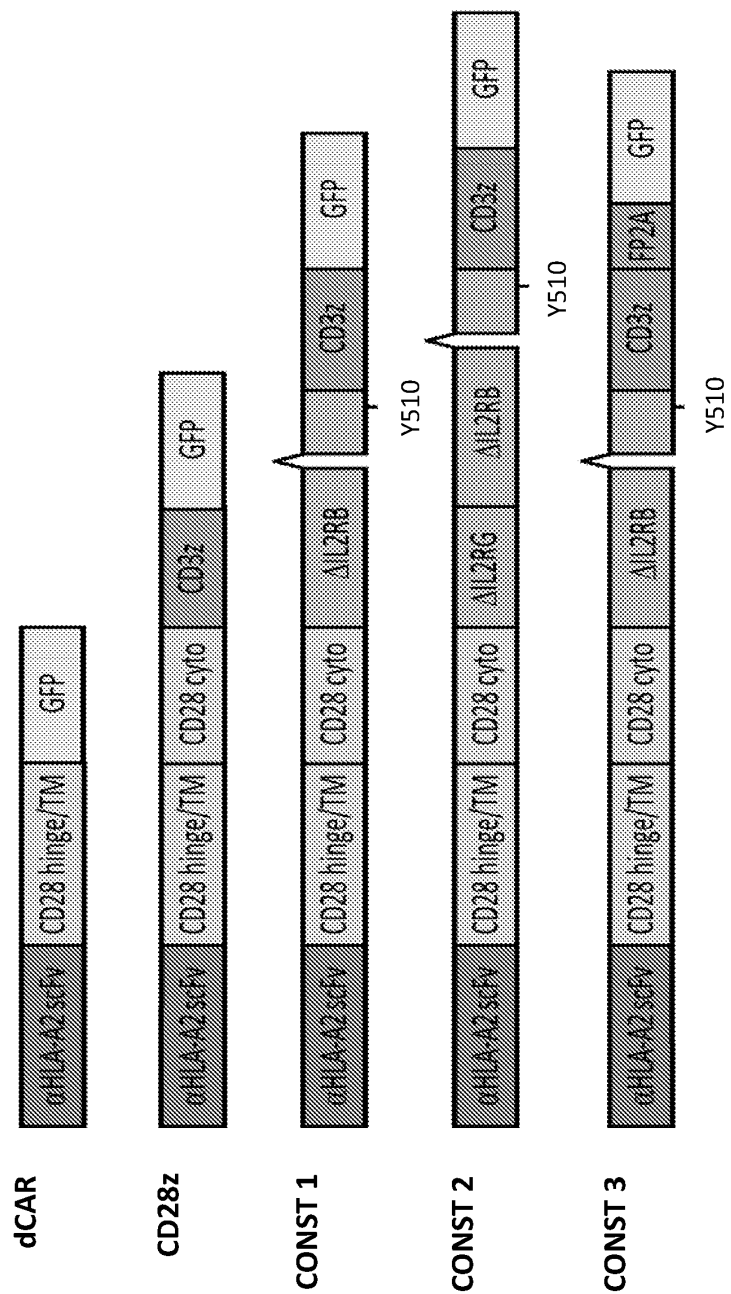


FIGURE 3

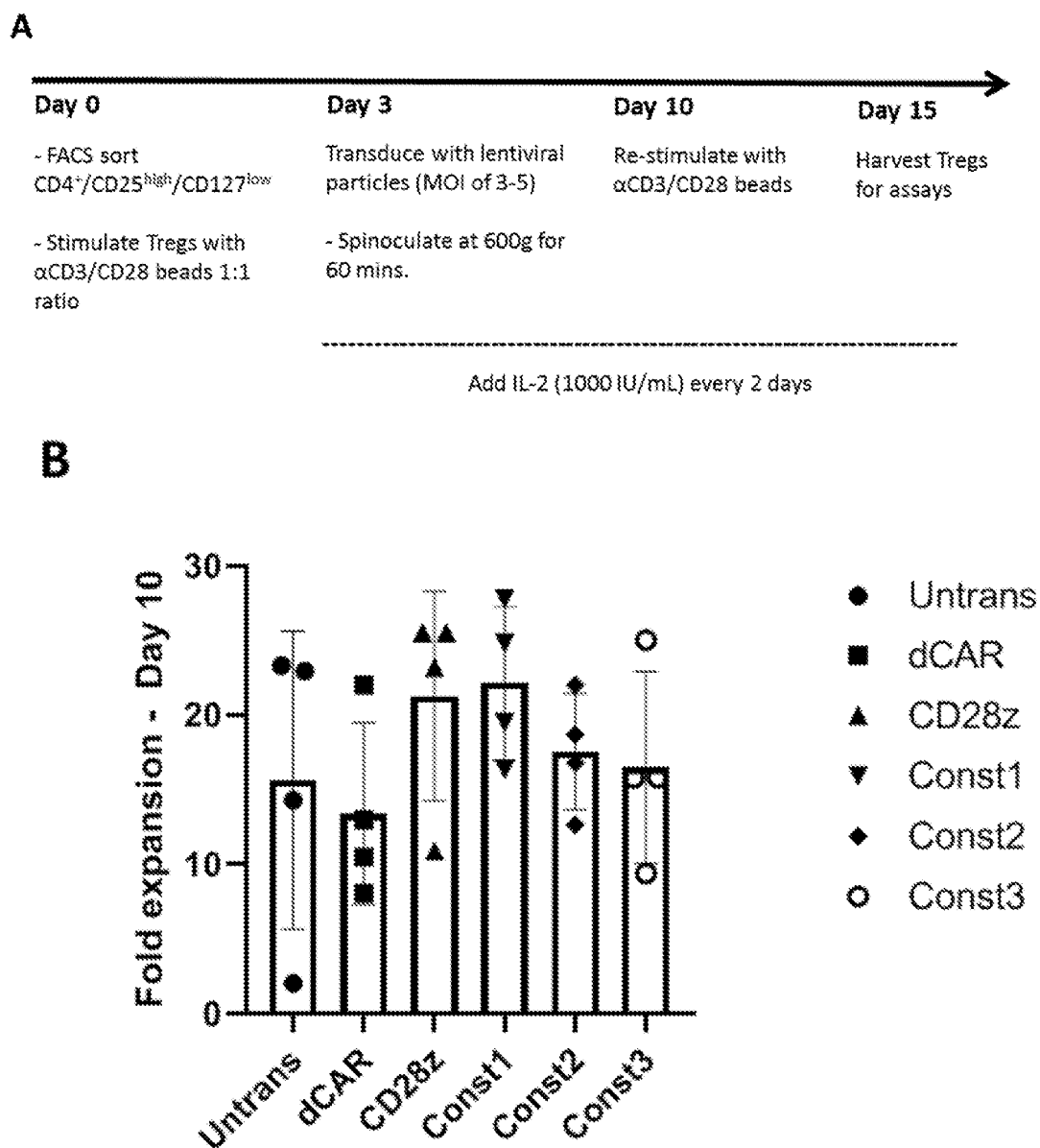


FIGURE 4

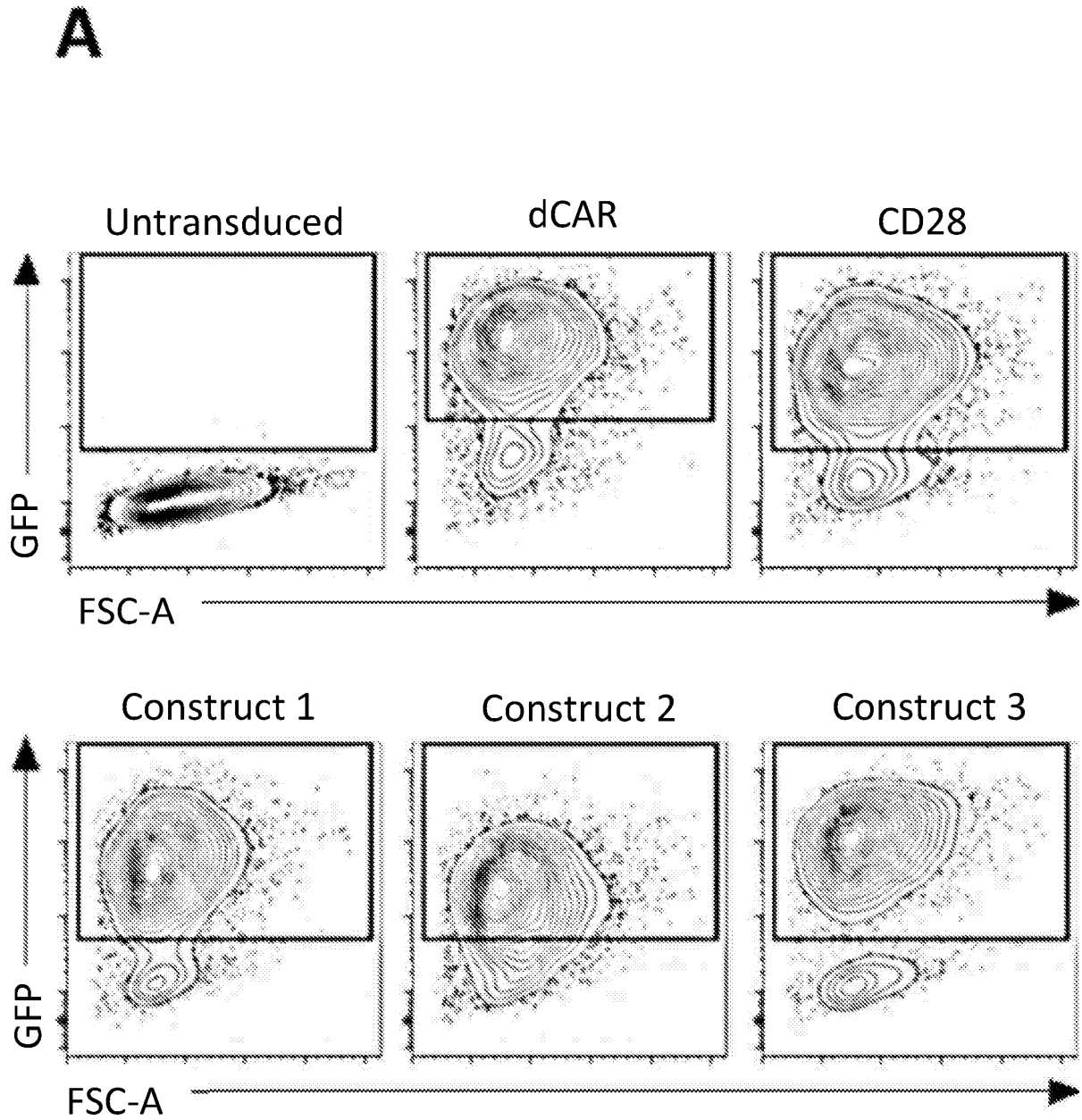


FIGURE 4 (CONTINUED)

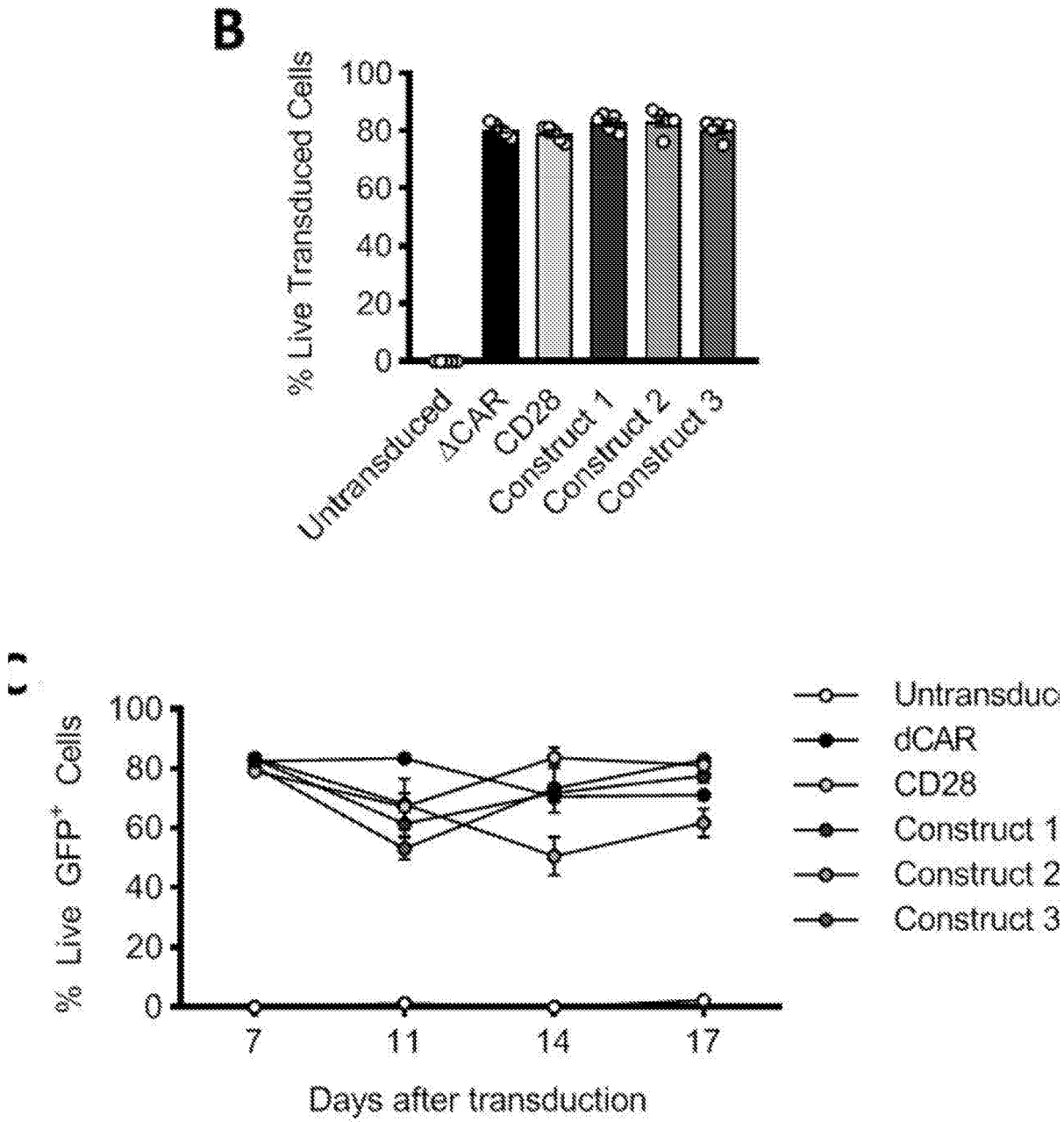


FIGURE 5

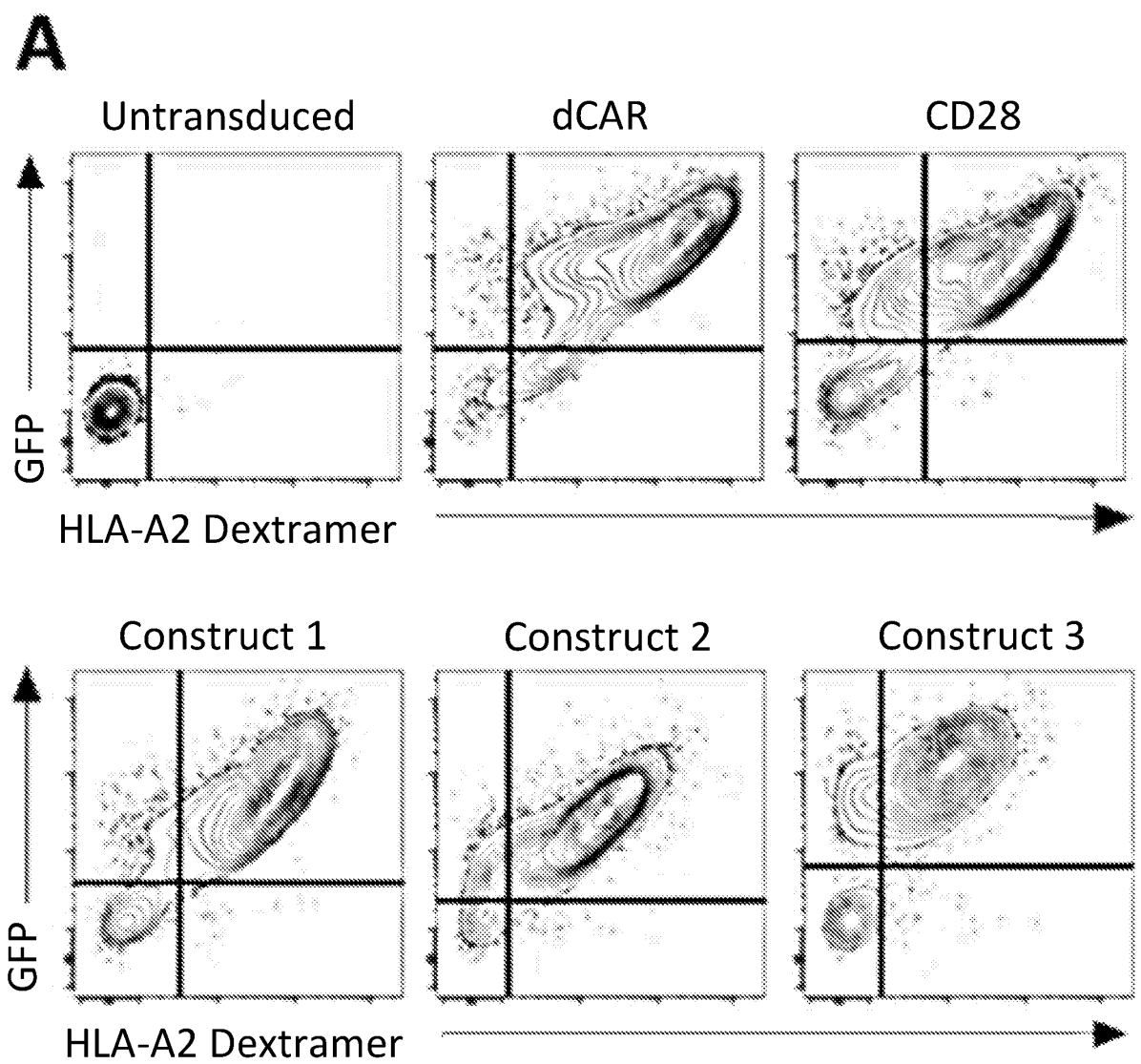


FIGURE 5 (CONTINUED)

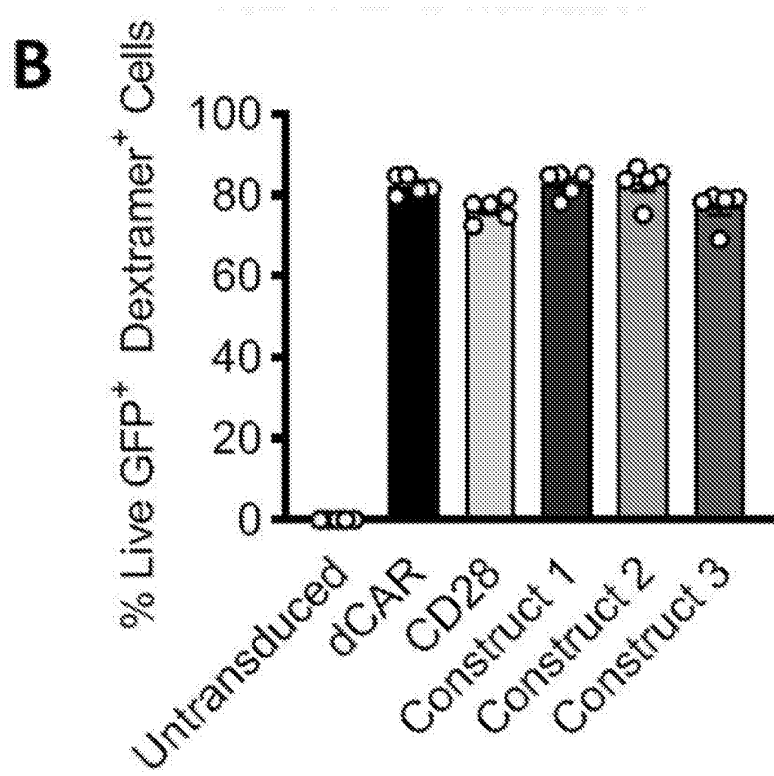


FIGURE 6

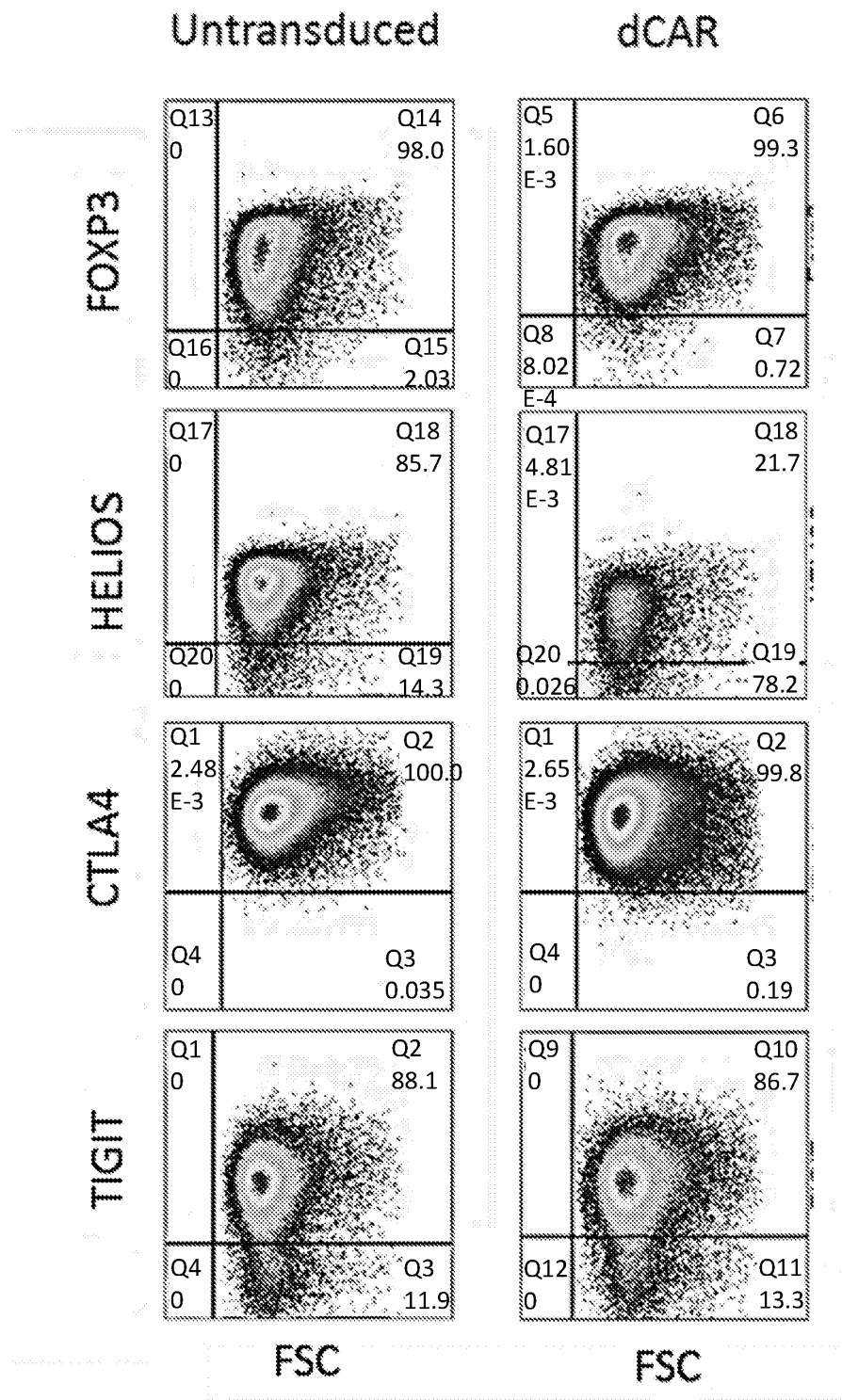


FIGURE 6 (CONTINUED)

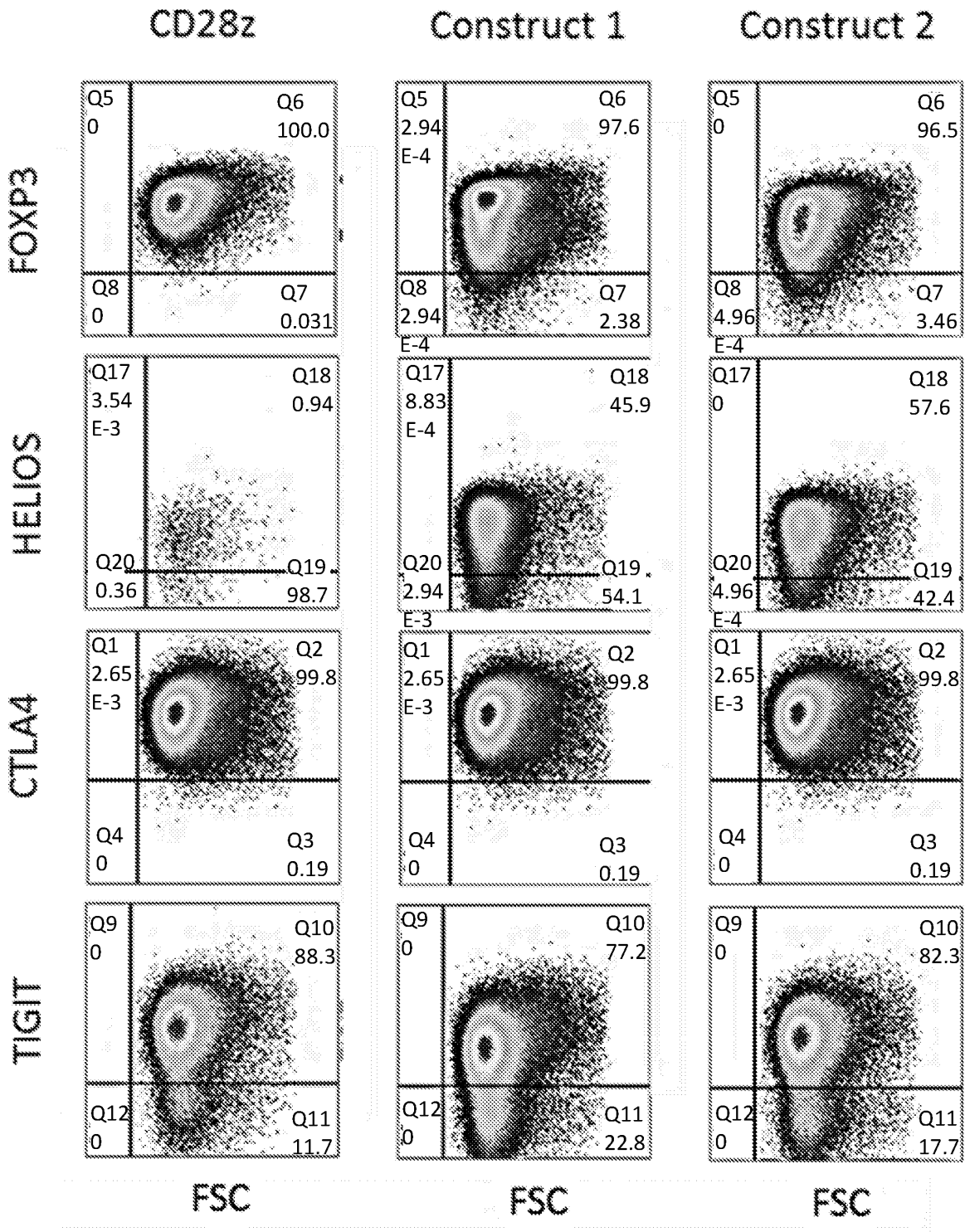


FIGURE 7

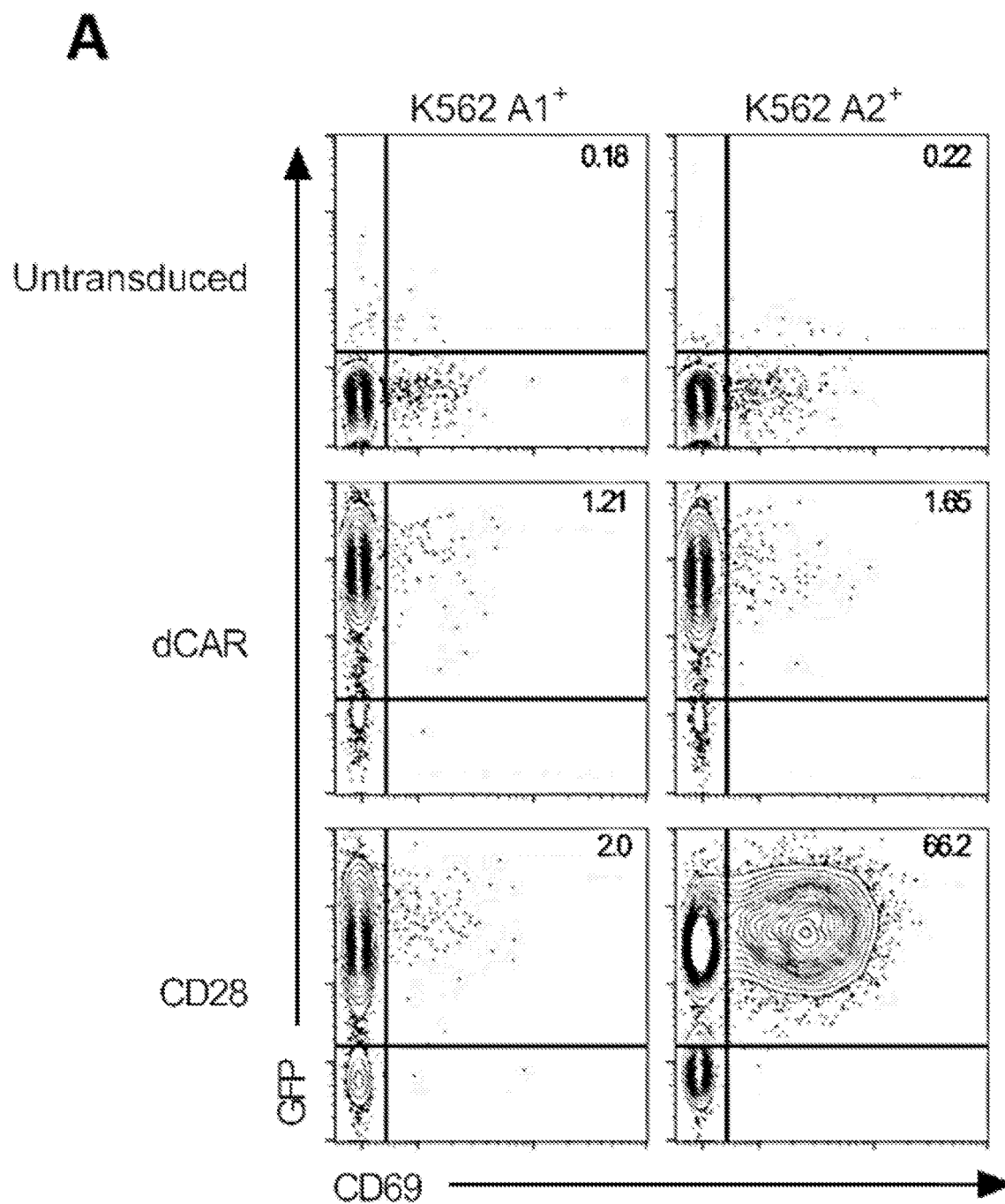


FIGURE 7 (CONTINUED)

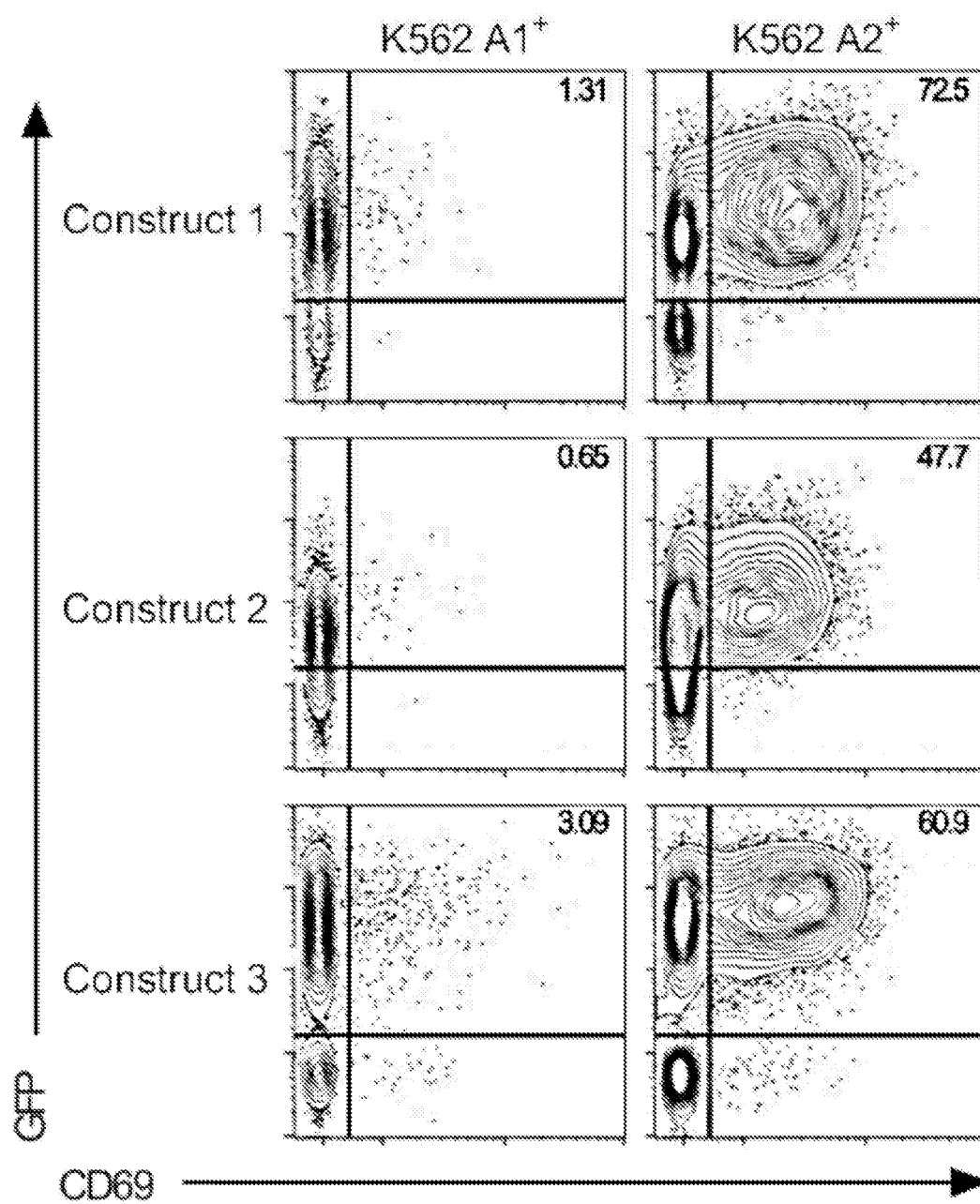


FIGURE 7 (CONTINUED)

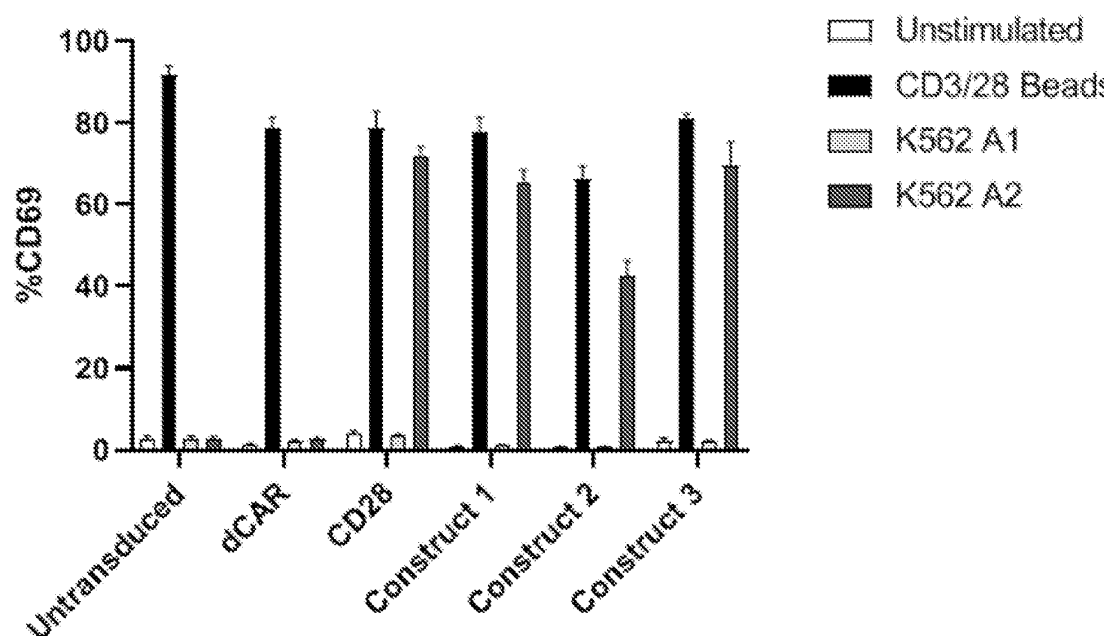
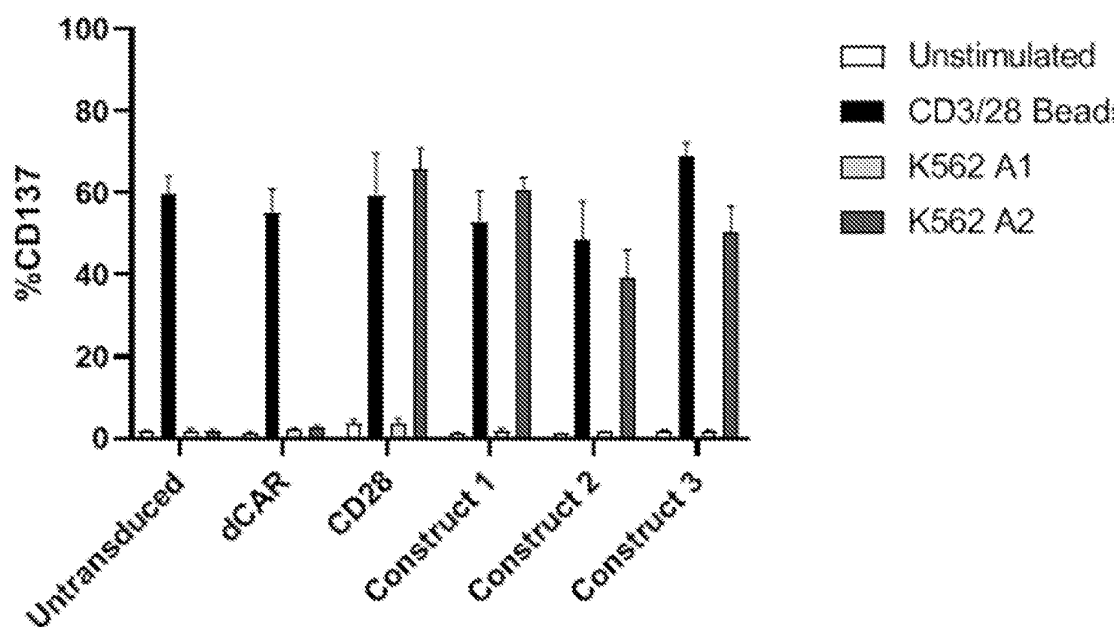
**B**

FIGURE 7 (CONTINUED)

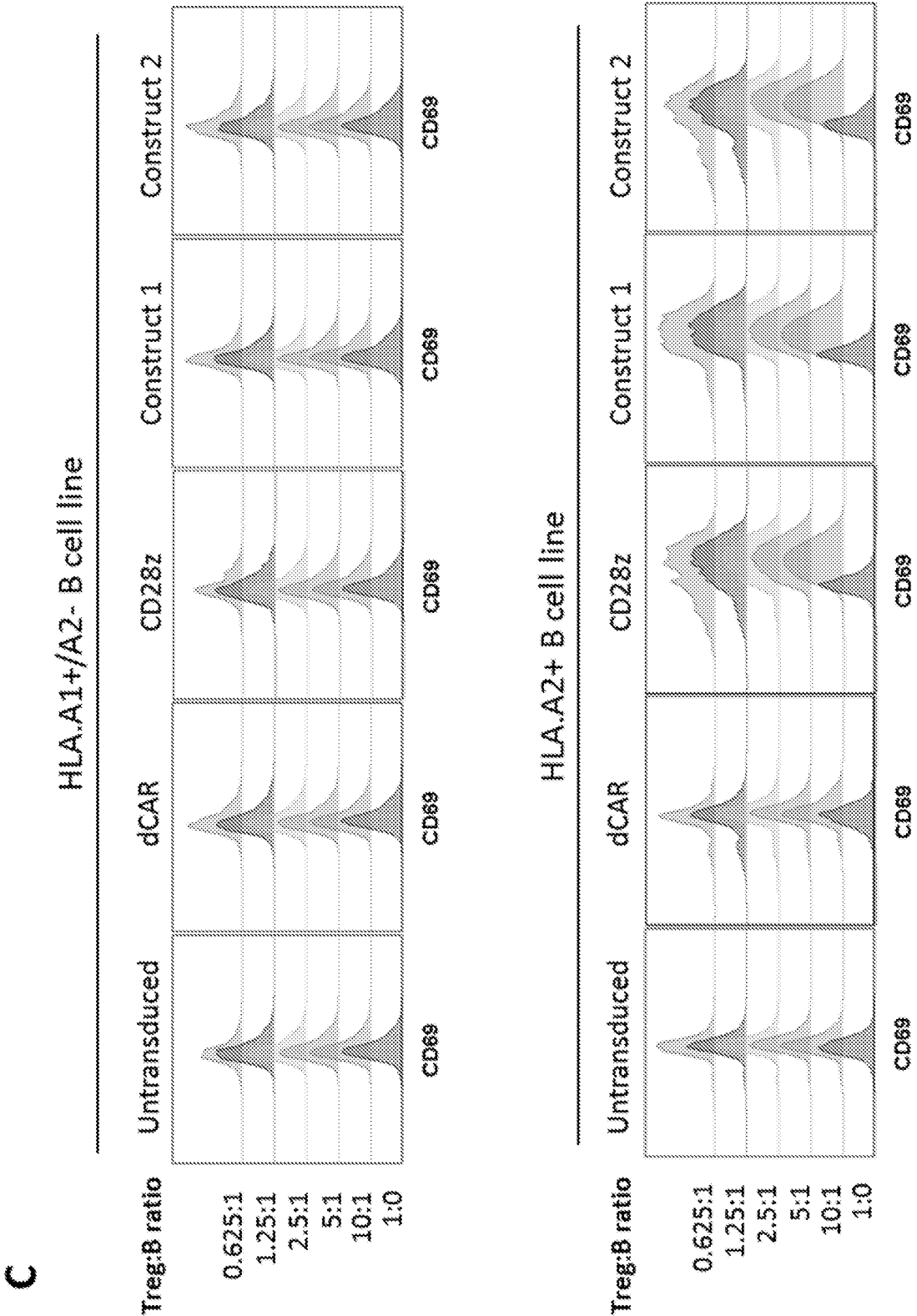


FIGURE 8

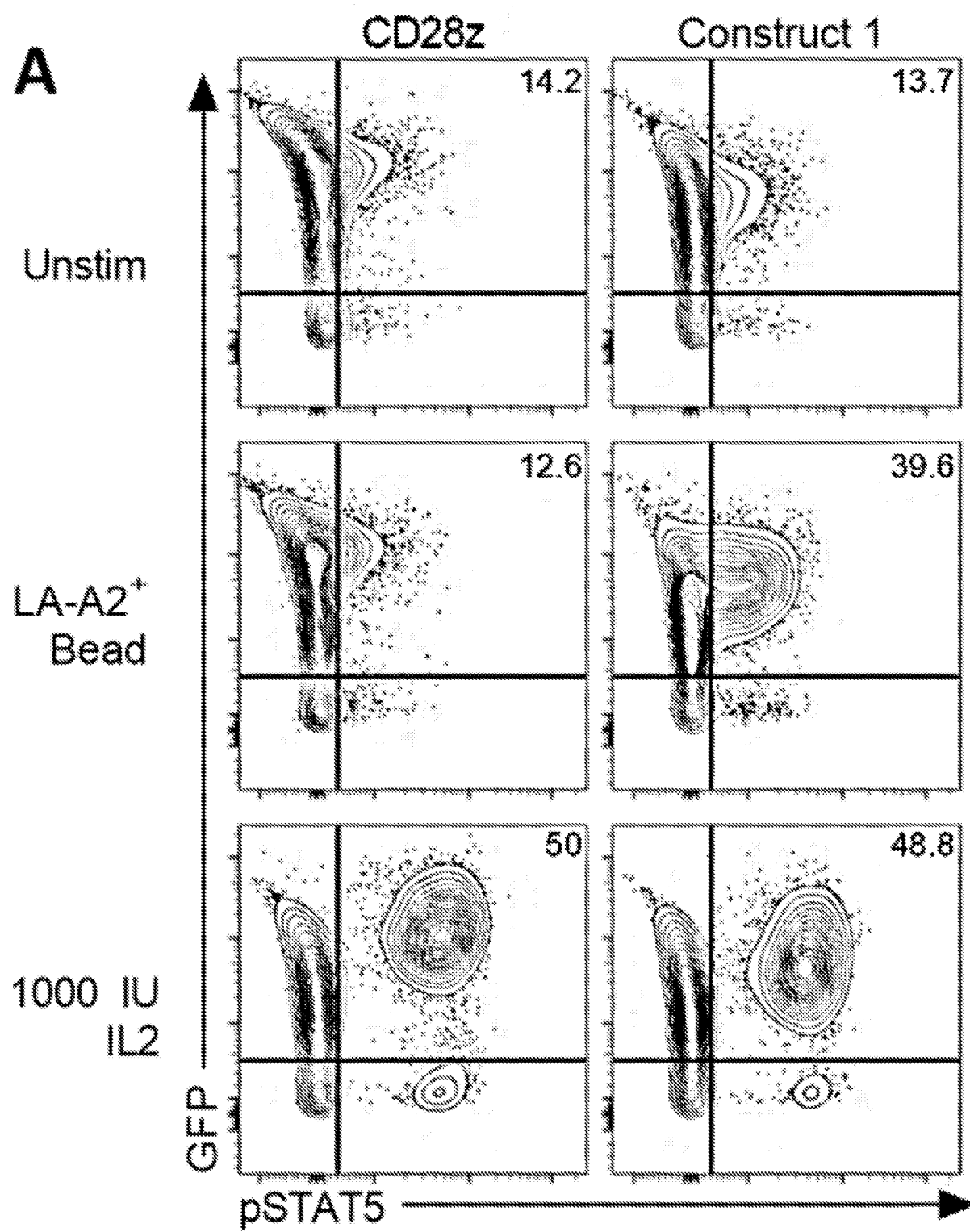


FIGURE 8 (CONTINUED)

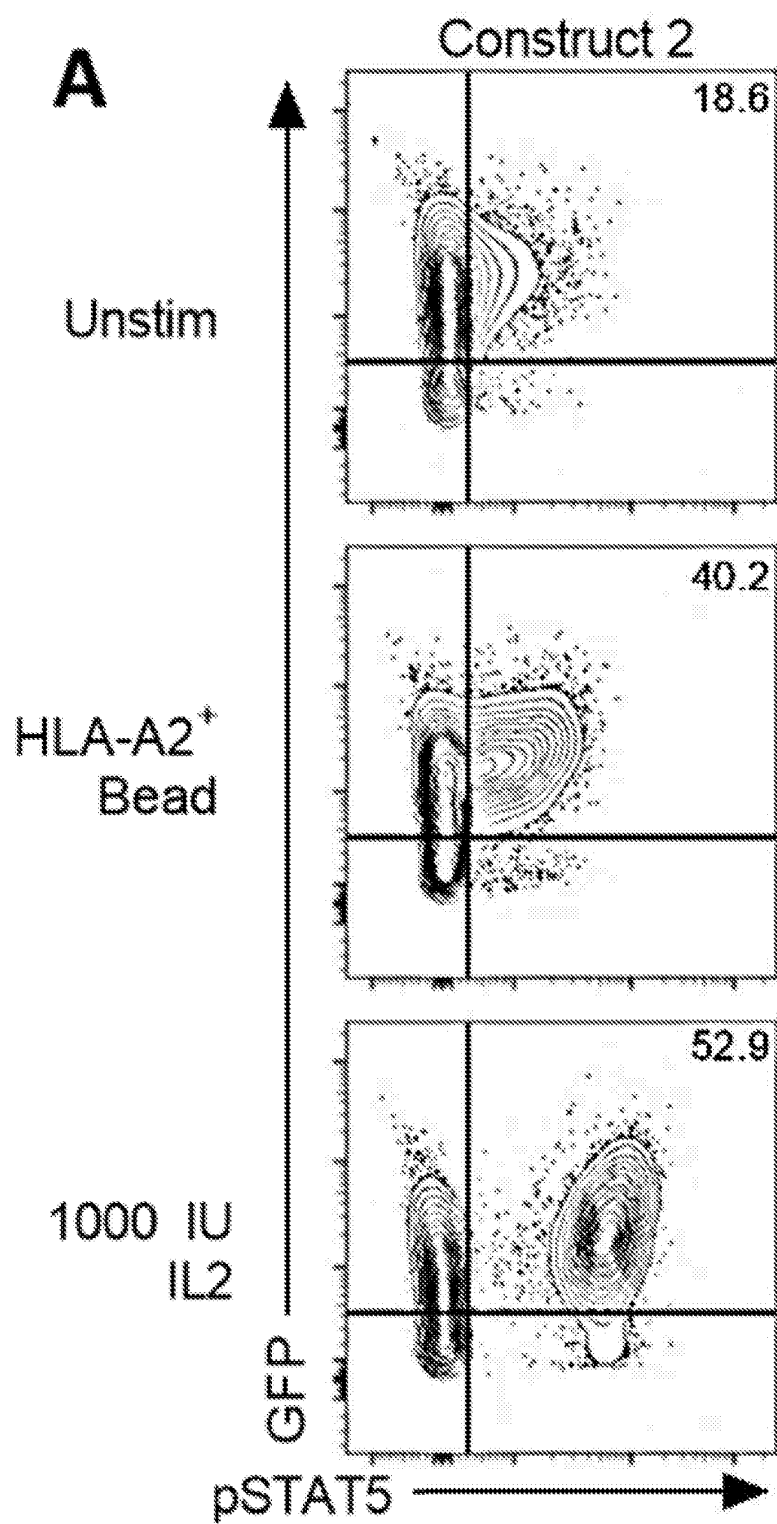
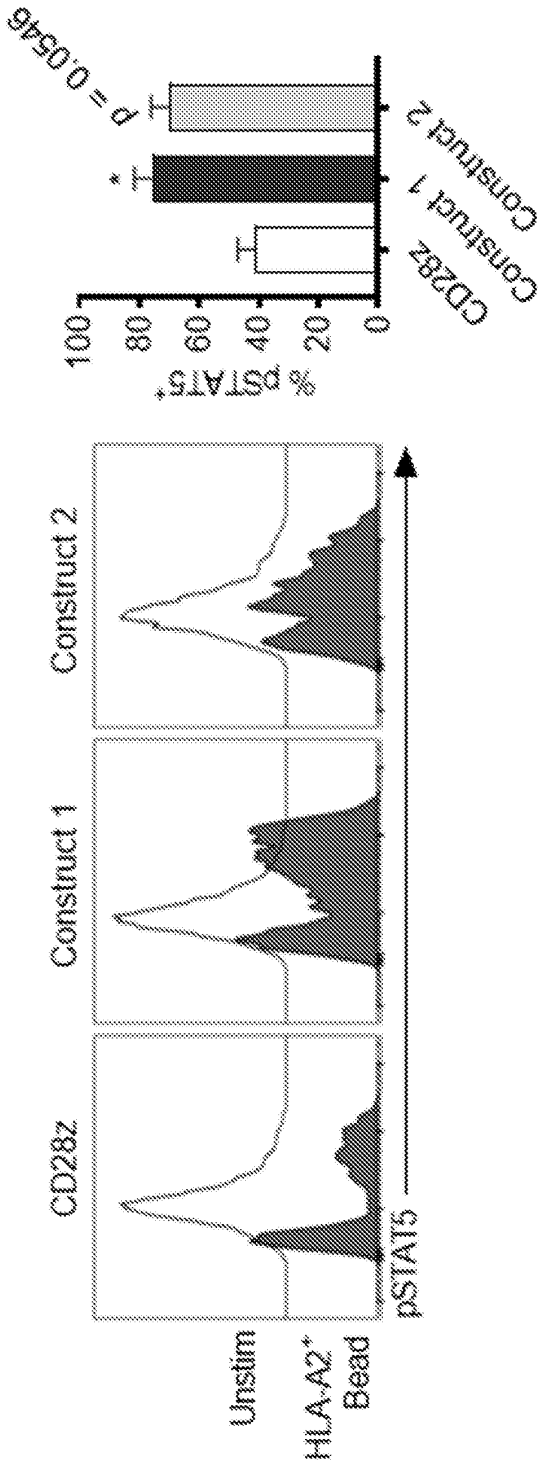


FIGURE 8 (CONTINUED)



**B**

FIGURE 9

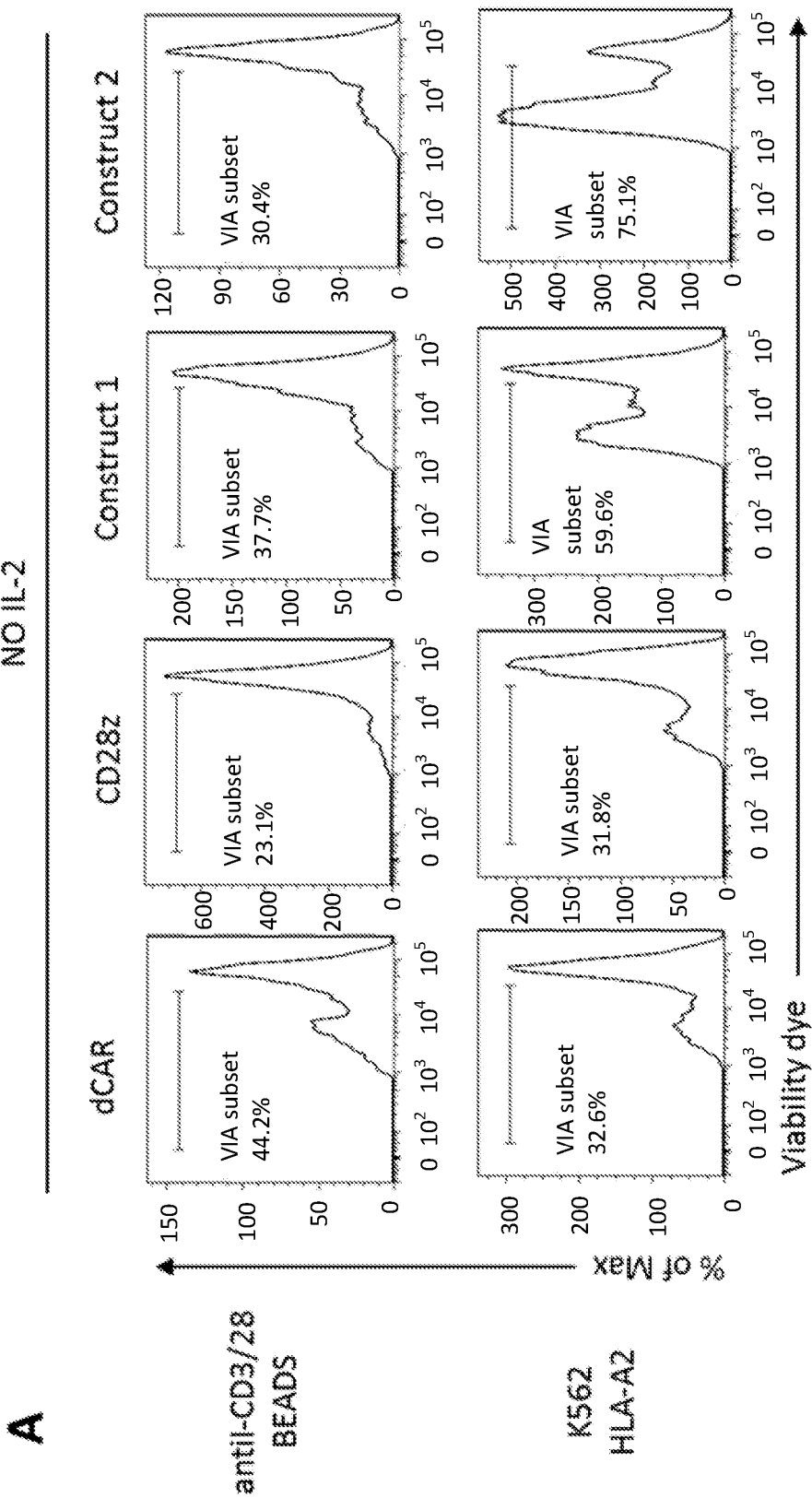


FIGURE 9 (CONTINUED)

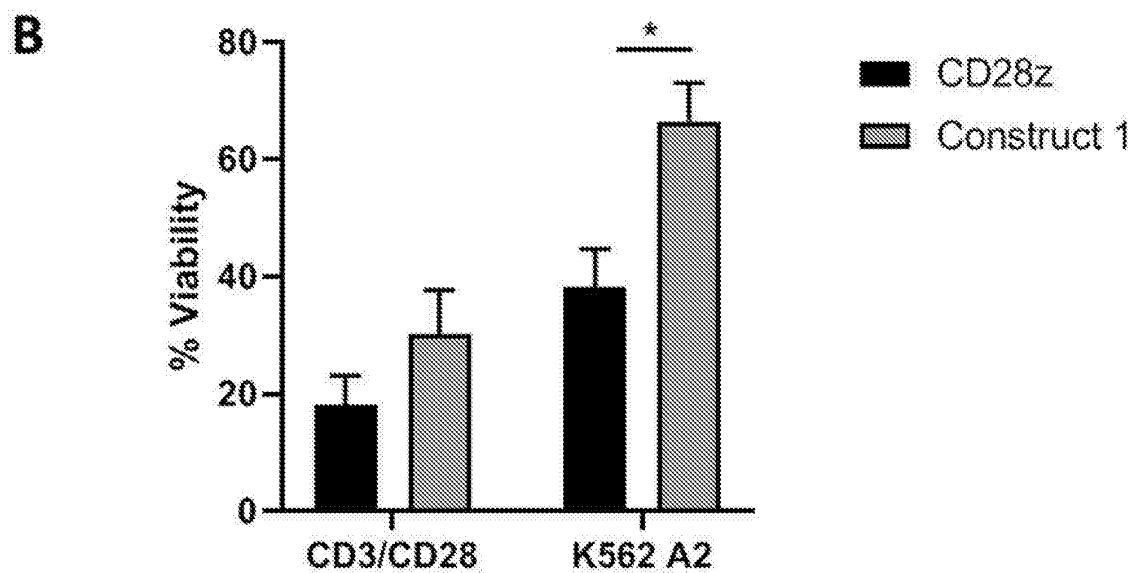


FIGURE 10

