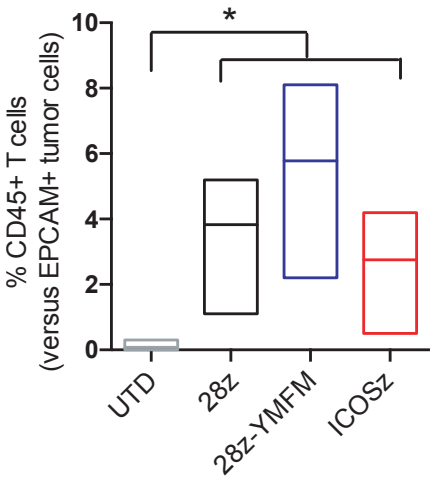
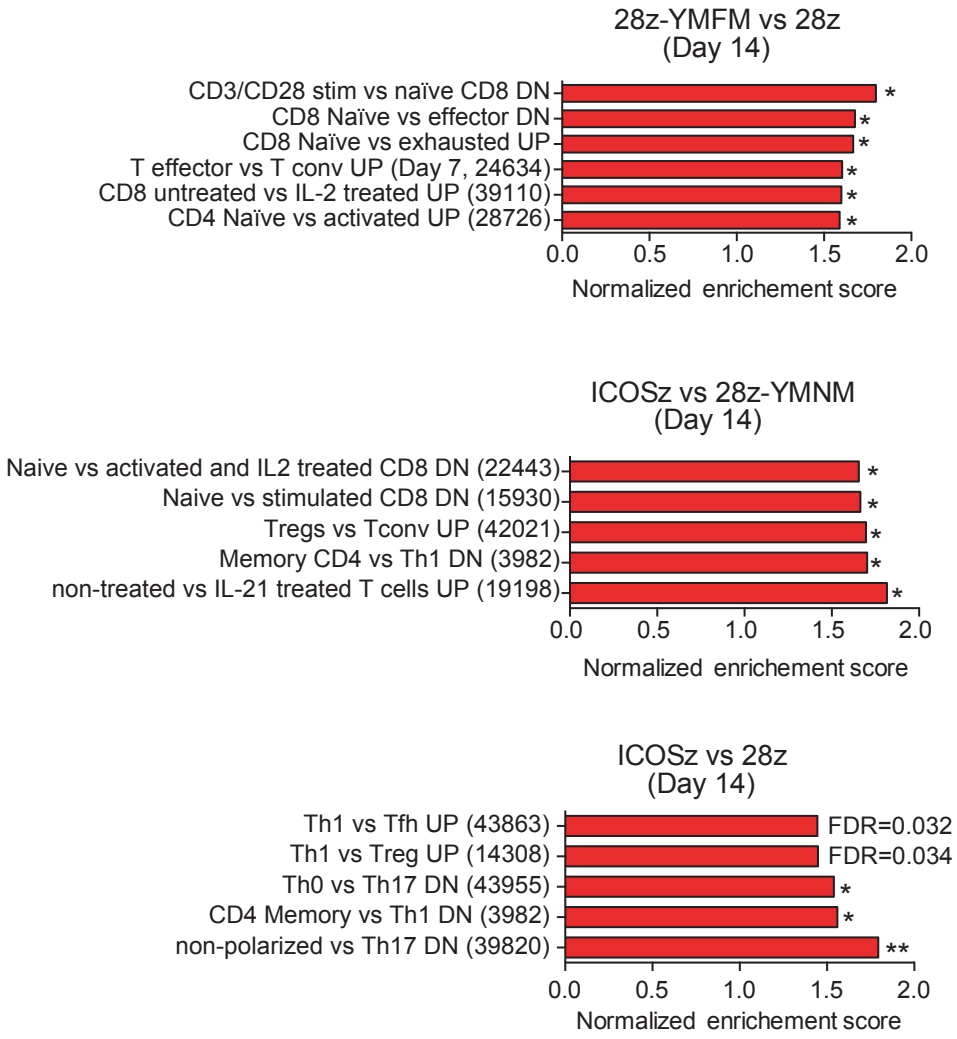
Figure S1



Supplementary Figure 1. T cell infiltration in tumors from NSG animals treated with SS1-CART. NSG mice bearing s.c. Capan-2 tumors were treated with a single dose of CAR-T cells administered intravenously. Tumors were obtained at day 7 after treatment. The percentage of live human $CD45^+$ T cells infiltrating the tumor versus $EPCAM^+$ live tumor cells was analyzed by flow cytometry. *$P < 0.05$ by one-way ANOVA with Tukey post hoc test.

Figure S2



Supplementary Figure 2. Long-term signaling through 28z-YMFM CAR delays T cell differentiation and exhaustion and drives Th17 polarization. NSG mice bearing s.c. Capan-2 tumors were treated with CAR-T cells. T cells were isolated from tumors at day 14 after treatment and were subjected to RNA-seq sample preparation and sequencing. Data shows normalized enrichment score of selected up- or down-regulated gene sets associated with T cell differentiation or Th17 polarization as determined by GSEA using MSigDR C7 gene ontology sets. For all pathways, the false discovery rate (FDR) $q \leq 0.02$. GSE datasets are indicated in parentheses.