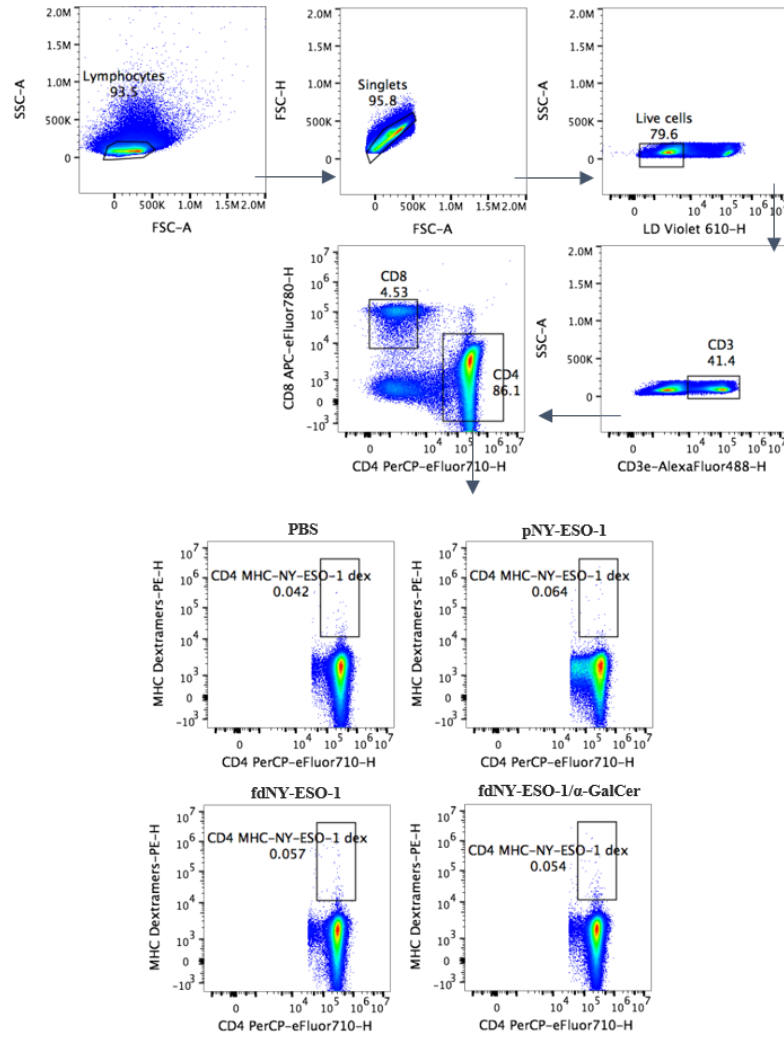


Figure S1. J76 NFAT-GFP 1G4 cell sorting. J76 NFAT-GFP cells were transduced with recombinant lentiviral particles encoding the NY-ESO-1 specific 1G4 TCR. 48 hours later, cells were stained with APC-conjugated anti-human CD3 and acquired by FACS. Cells with brighter CD3 signals (P3, blue) were gated and sorted. Sorted cells were then assayed for CD3 expression.

A



B

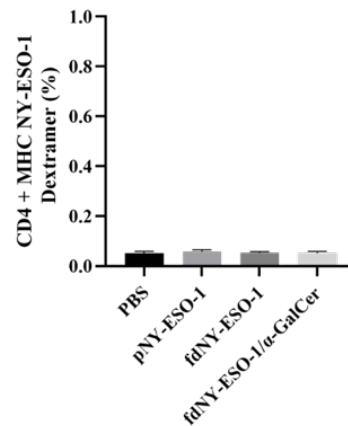


Figure S2. Analysis of MHC-I-NY-ESO-1-dextramers positive on CD4⁺ T cells (A) Gating strategy of one representative sample. Lymphocytes and singlets were gated by dimension; then live cells were gated as negative for live-dead dye. Then CD3⁺ T cells were gated on live cells and MHC-I NY-ESO-1-dextramer positive cells were shown as percentage on CD4⁺ gated T cells. (B) Percentages of MHC-I NY-ESO-1-dextramer⁺/CD4⁺ cells. Mean \pm SEM of 4 mice per group are shown.