



Supplementary information, Fig. S1: ScRNA-seq data quality and features of subclusters. **a**, Histograms of percent of UMI and mitochondrial genes. **b**, t-SNE projection of T cells that are color-coded for CD4⁺ and CD8⁺ cell type (left), patient source (middle), and tissue type (right). **c**, Heatmap showing differentially expressed genes between the nine clusters of expanded CD8⁺ T cells. **d**, Heatmap showing differentially expressed genes between the ten clusters of expanded CD4⁺ T cells.