



Supplemental Figure 3. T cell gated hierarchy.

Whole blood and tissue-derived lymphocytes were stained using fluorophore conjugated monoclonal antibodies and analysis was performed using a LSR II Becton Dickinson instrument. The resulting list mode multi-parameter data files were analyzed using the FlowJo software program (version 9.9.6; Ashland, OR: Becton, Dickinson and Company; 2020) with the hierarchy shown here. CD3⁺ small lymphocytes were selected and divided into CD4⁺ and CD8⁺ T cell subsets, then defined as memory and naïve T cell subset populations based on CD28 and CD95 expression patterns. Memory subsets were then further differentiated by their expressions of CD28 and CCR7. Naïve (CD28⁺ CD95⁻), central memory (CD28⁺ CD95⁺ CCR7⁺), transitional memory (CD28⁺ CD95⁺ CCR7⁻), and effector memory (CD28⁻ CD95⁺ CCR7⁻) T cells were then analyzed for subsets manifesting upregulation of the markers for activation (CD38) and proliferation (Ki67).