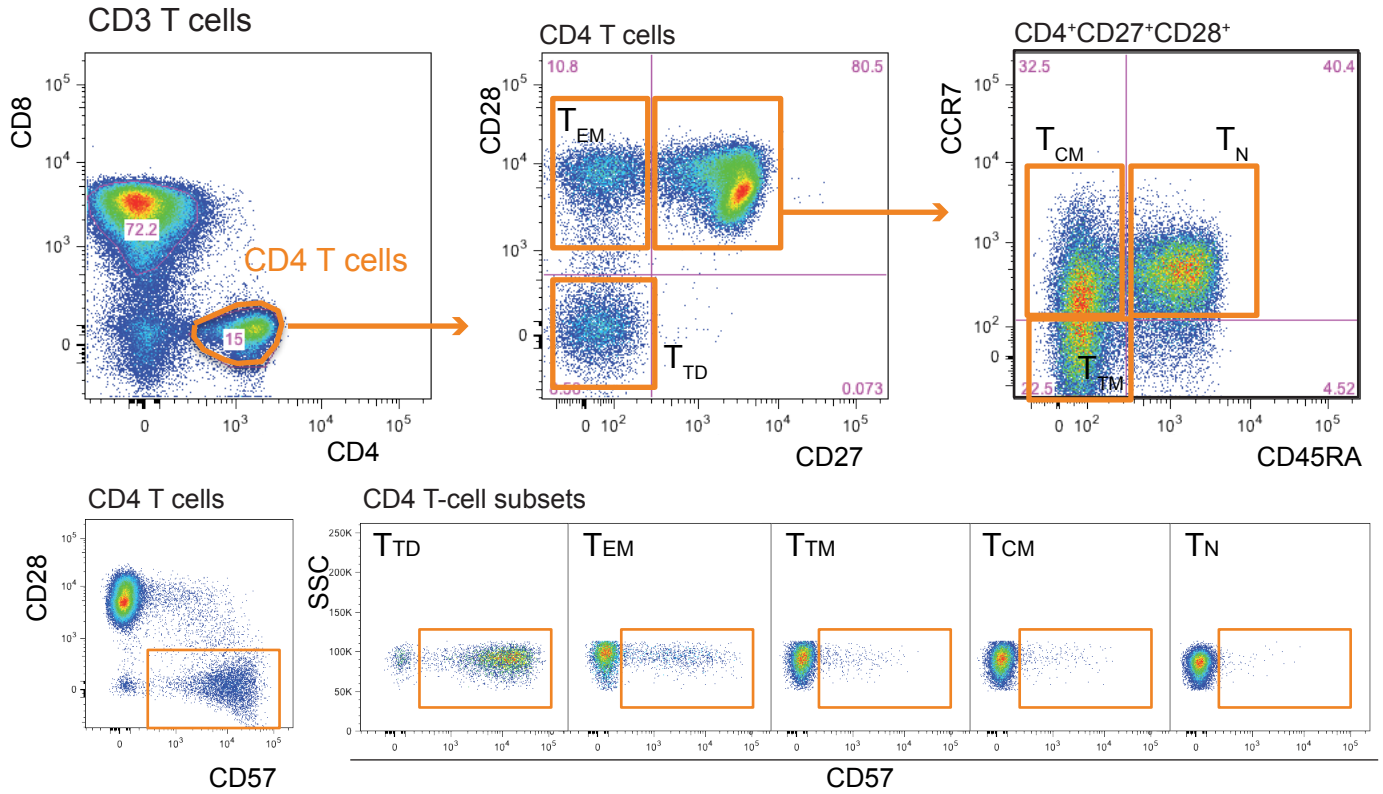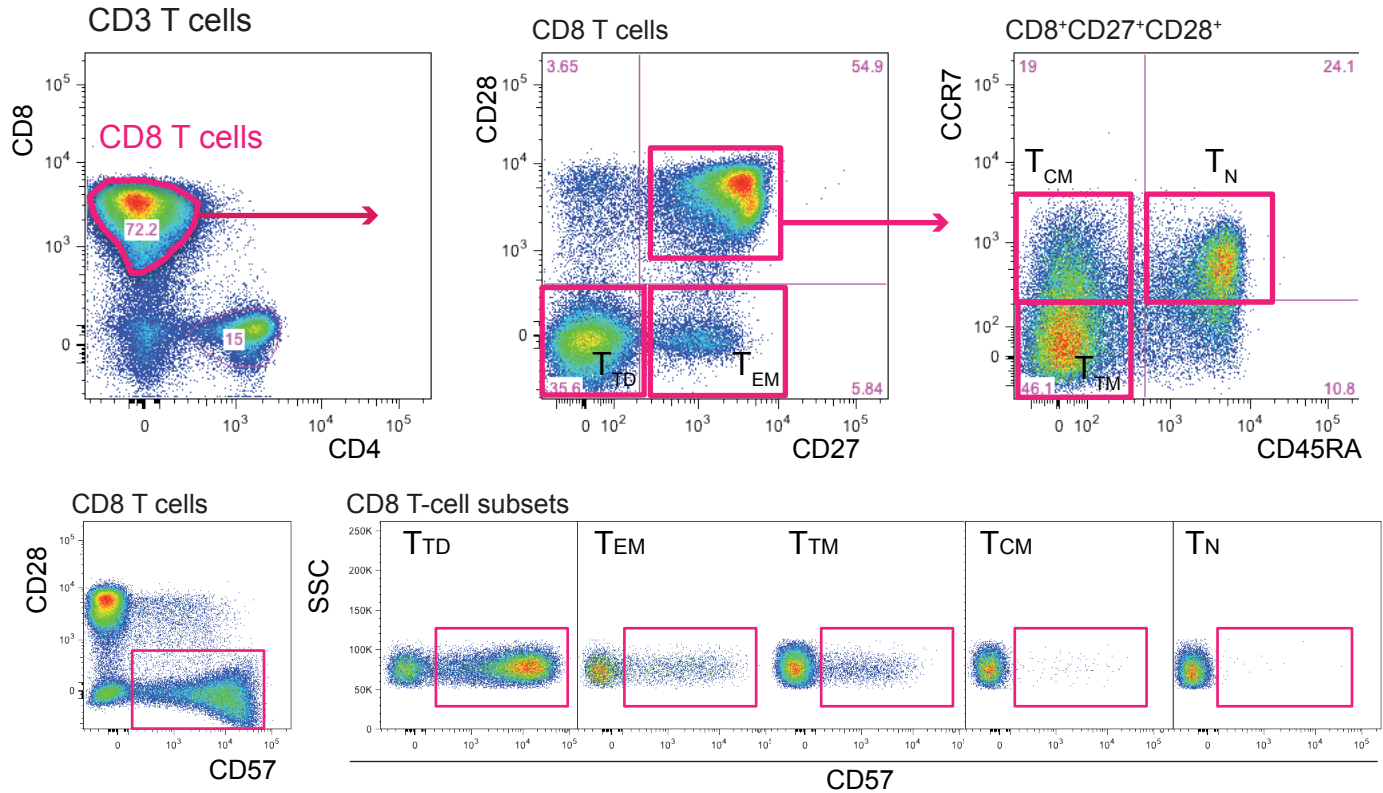**Supplementary Figure 1.** Gating strategy followed to identify T-cell maturation stages. **Panel A.** CD4 and CD8 T cells were gated and analyzed for the expression of CD27 and CD28. For CD4 T cells, terminally differentiated (T_{TD}) cells were defined as CD28$^-$CD27$^-$, while effector memory (T_{EM}) cells were CD28$^+$CD27$^-$. Double positive cells were further analyzed for CCR7 and CD45RA expression to identify naïve (T_N) cells (CCR7$^+$CD45RA$^+$), central memory (T_{CM}) cells (CCR7$^+$CD45RA$^-$) and transitional Memory (T_{TM}) cells (CCR7$^-$CD45RA$^-$). **Panel B.** For CD8 T cells, the general strategy was similar, unless for the definition of T_{EM} cells that was CD27$^+$CD28$^-$ cells. The expression of CD57 was analyzed in the whole CD4 or CD8 T-cell population (lower left dot plot in each panel) to define replicative senescence (CD28$^-$CD57$^+$ cells). In addition the expression of CD57 in each subset was also evaluated (lower dot plots in each panels).