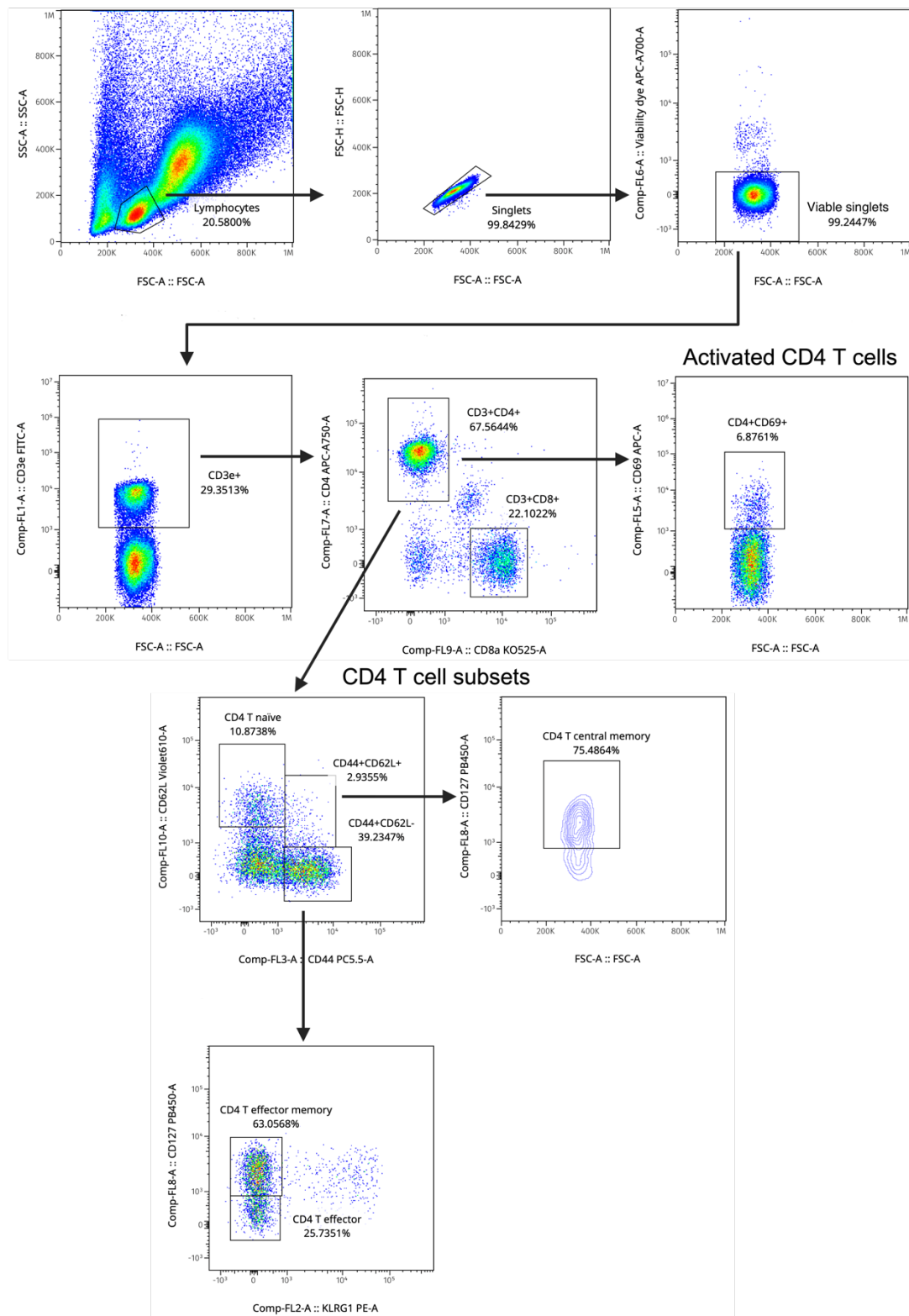


Additional File 1

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A



B

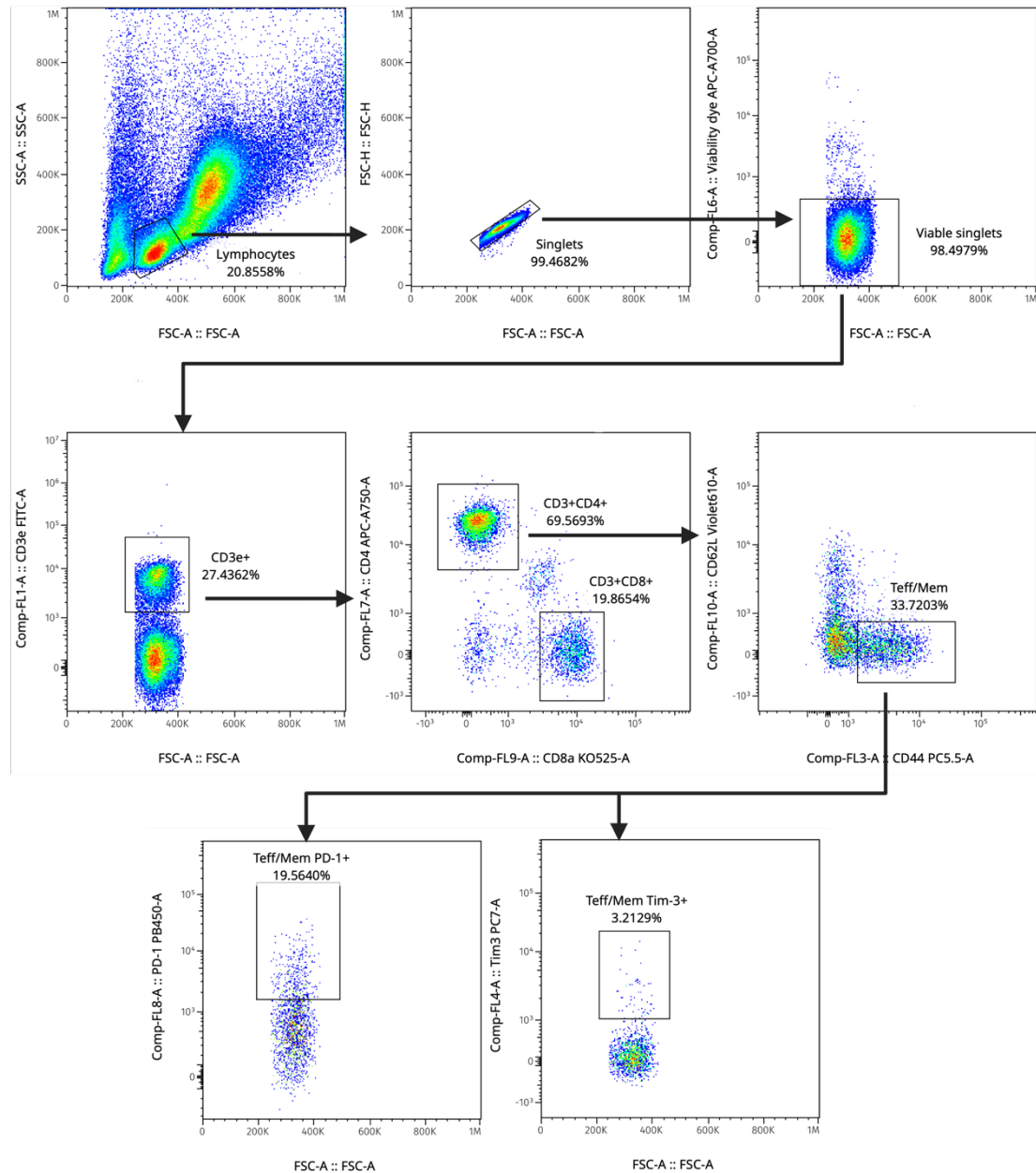


Fig. S1 - Gating strategy of T cell subsets. Two flow cytometry panels were designed to study the frequency of T cell subsets and the expression of immune check points PD-1 and Tim-3 on effector/effector memory T cells represented in Figure 2. A) Example of gating strategy to define CD4 T cell subsets: CD4 T naïve (CD4- CD62Lhigh of the CD4+ population); CD4 T central memory (CD44+ CD62L+ CD127+ of the CD4+ population); CD4 T effector (CD44+ CD62L- CD127- KLRG1- of the CD4+ population); CD4 T effector memory (CD44+ CD62L- CD127+ KLRG1- of the CD4+ population); activated CD4 T cells (CD69+ of the CD4+ population). The same gating strategy was used for CD8 T cell subsets and activation. B) Example of gating strategy to define CD4 effector/effector memory T cells expressing immune check points PD-1 and Tim-3. The same gating strategy was used for CD8 effector/effector memory T cells.