

## **Description of Additional Supplementary Files**

**Supplementary Data 1:** Contains detailed antibodies information of Panels 1-3 used in this study: isotope, marker, clone, provider, reference and dilution if relevant. Panel 1 was used to characterize circulating cell populations, Panel 2 for CD4 T cell lineage distribution and Panel 3 for CD4 T cell phospho-protein signaling profile.