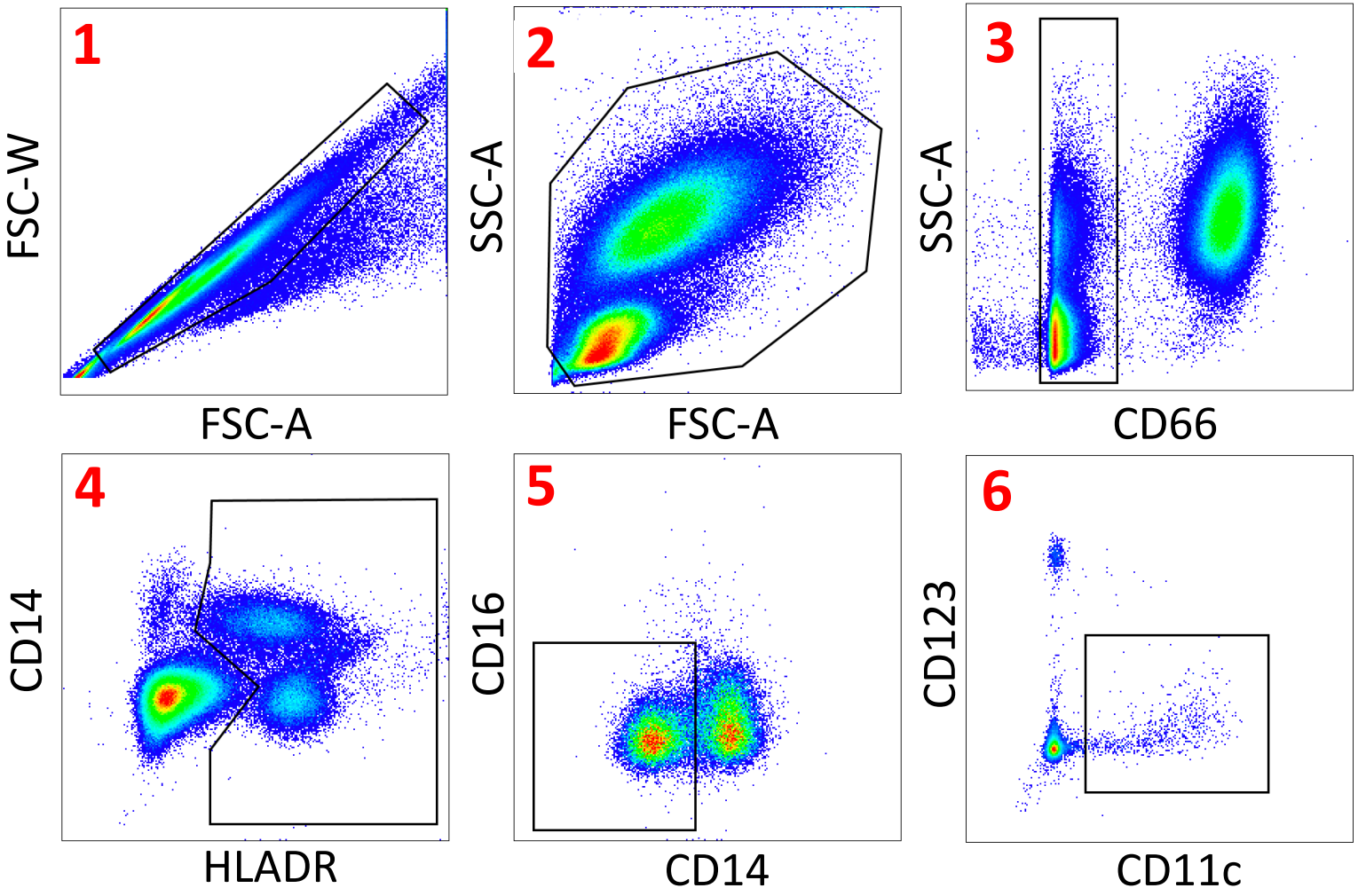
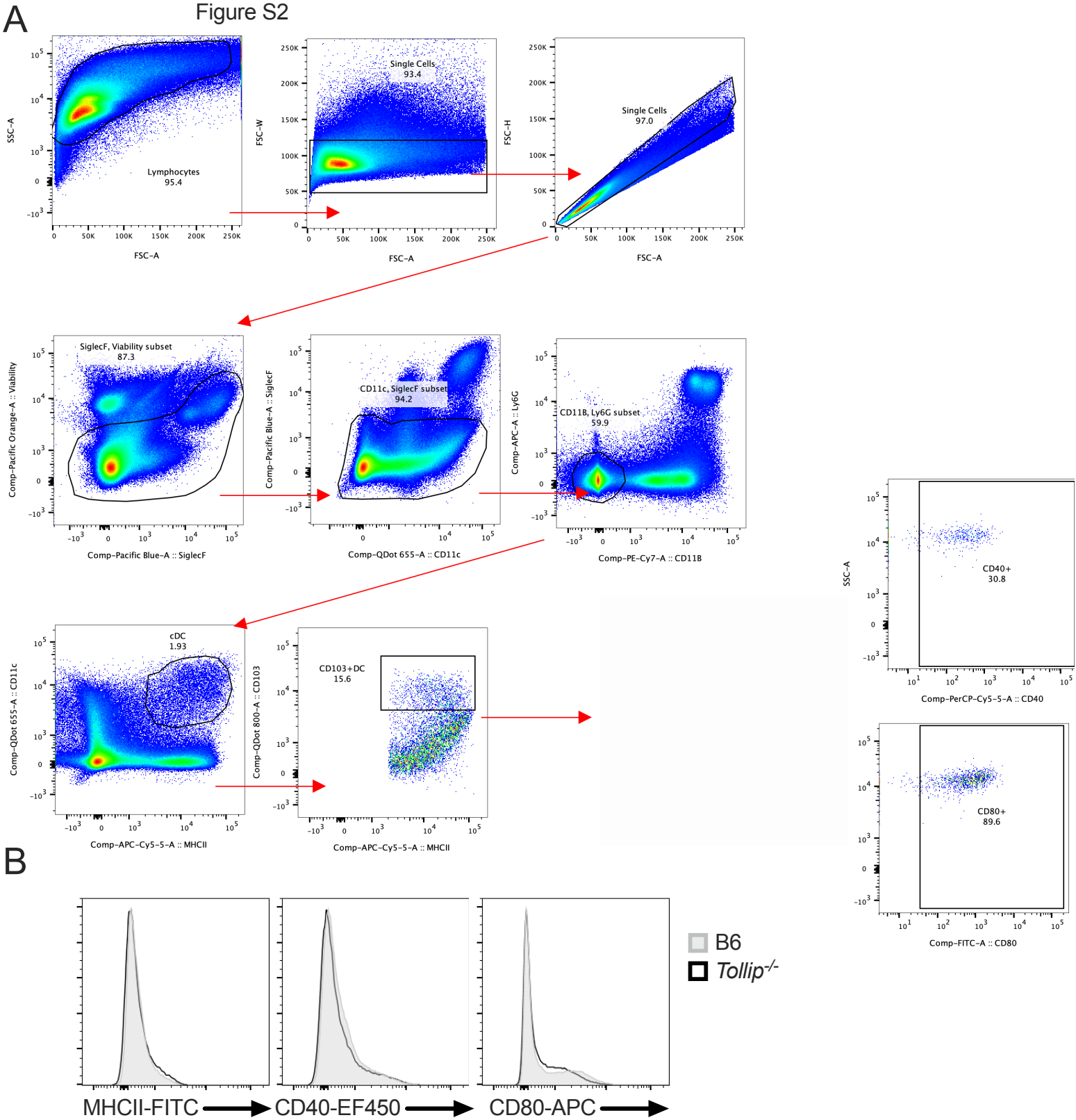
Figure S1

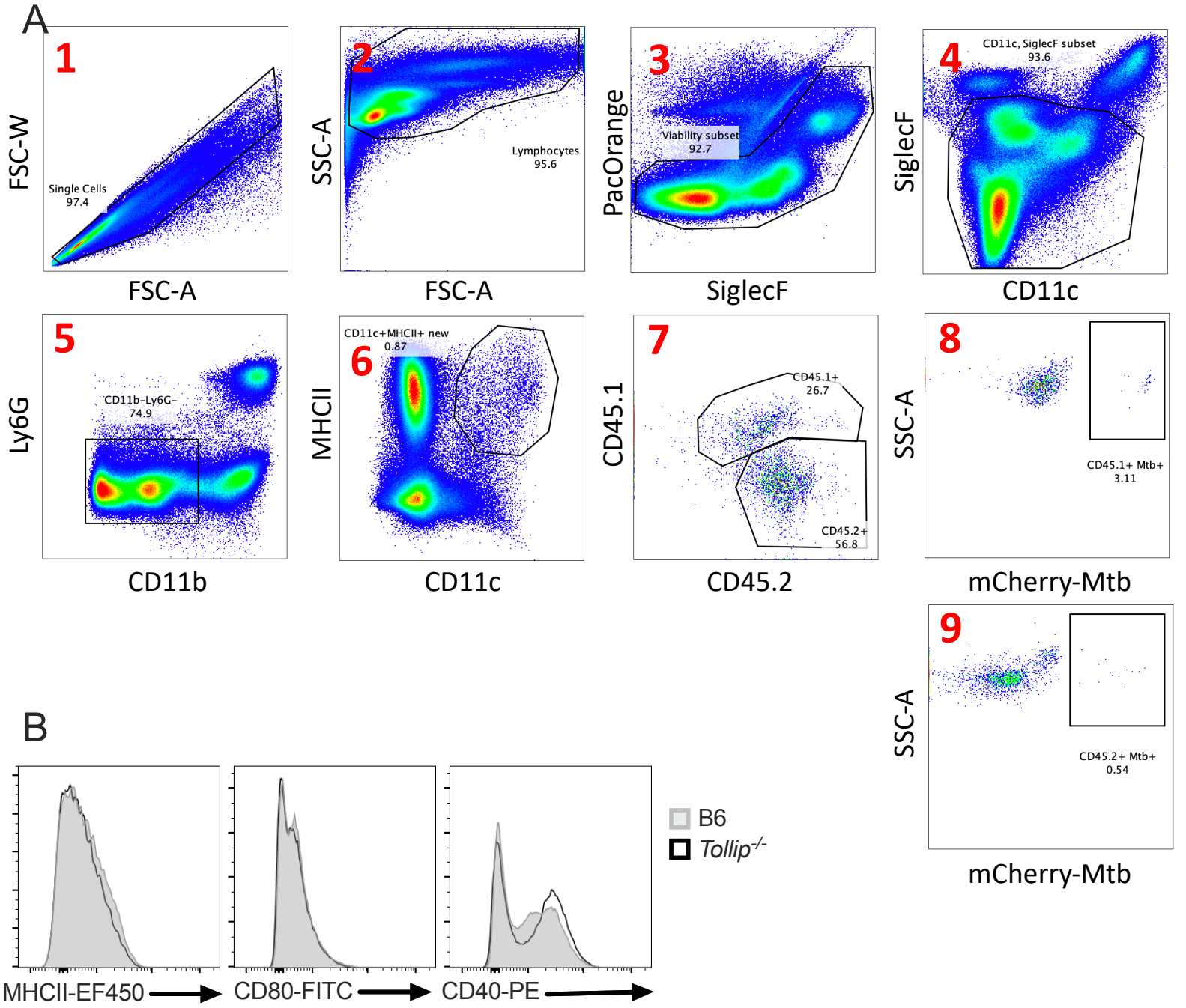


Supplemental Figure 1. Related to Figure 2. Gating strategy for identifying the frequency of cytokine-producing CD14+ monocytes, CD11c+ DC, and CD123+ plasmacytoid DC in healthy study participants. 1) Singlets were selected, then 2) debris was removed. 3) CD66a/c/e+ cells were excluded, then 4) HLA-DR+ cells were selected. 5) CD14- and CD16- cells were selected, then CD11c+ CD123- cells were identified. The proportion of cytokine-producing cells was determined from this population.



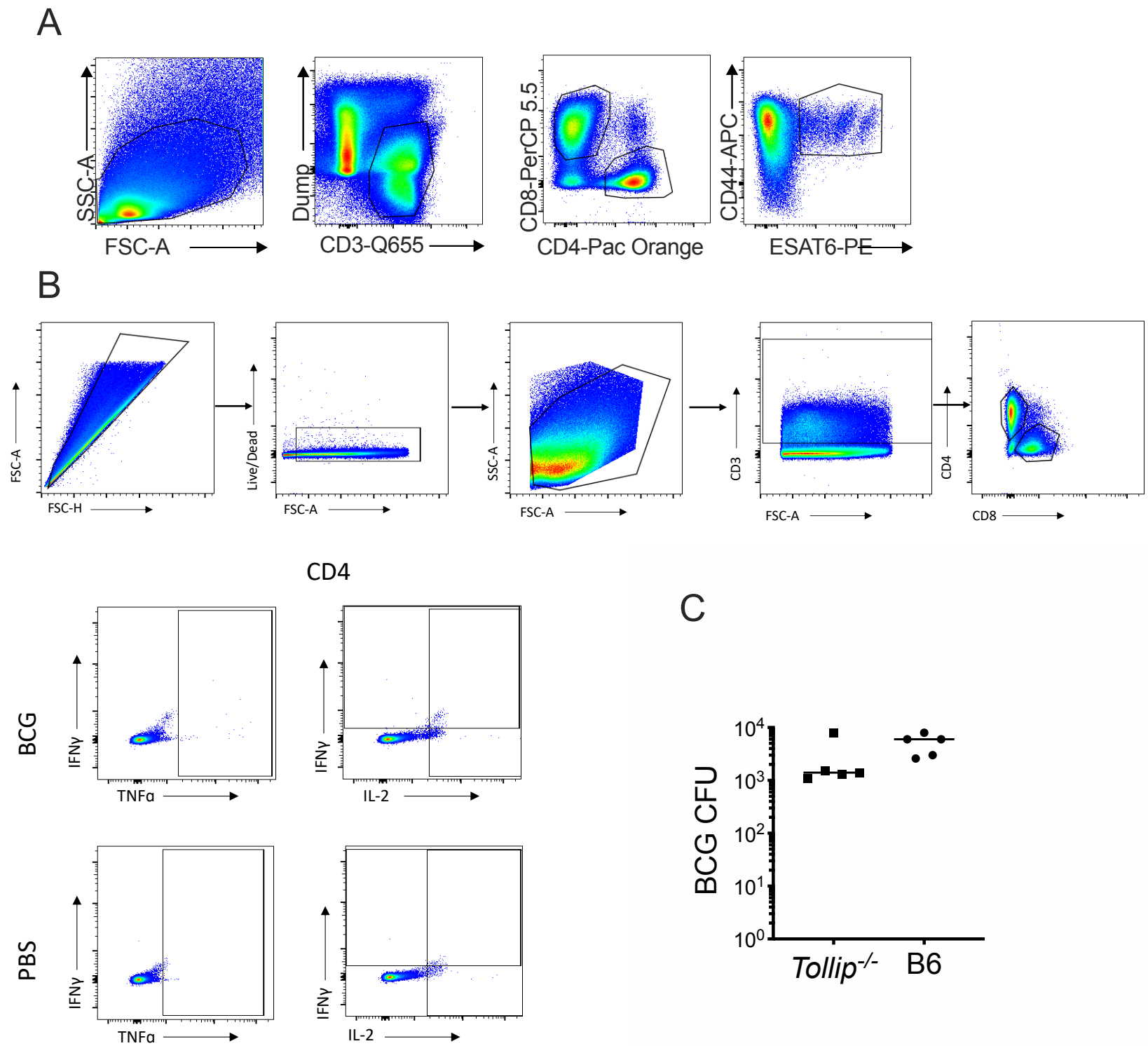
Supplemental Figure 2. Related to Figure 4. A) Gating strategy for measuring lung- and LN-resident DC. Lymphocytes were selected, then singlets. Live cells were selected, then SiglecF- cells were included. Ly6G+ cells were excluded, then CD11c+MHCII+ (I-A^b) were selected. CD103+ cells were identified from this population. B) Basal expression of MHC-II, CD40, and CD80 from splenic CD11c+ DC in B6 and whole-body knockout *Tollip*$^{-/-}$ mice.

Figure S3



Supplemental Figure 3. Related to Figure 5. Gating strategy for measuring lung- and MLN-resident DC in mixed bone marrow chimeric mice. Singlets were selected, then dead cells were excluded. SiglecF+ cells were excluded, along with Ly6G+ and CD11b+ cells. MHCII+CD11c+ cells were included, then CD45.1+/CD45.2+ and CD45.2+ cells were identified as CD11b+ or CD103+ DC. B) Basal expression of MHC-II, CD40, and CD80 from splenic CD11c+ DC in B6 and *Tollip*$^{-/-}$ lineages from mixed bone marrow chimeric mice.

Figure S4



Supplemental Figure 4. Related to Figure 6 and 7.

A) Gating strategy for measuring the frequency of ESAT-6+CD44+CD4+ T cells in the lungs of Mtb-infected mice. Lymphocytes were selected, then CD3+ cells. CD4+ and CD8+ cells were selected, then CD44+ESAT6+ cells were selected.

B) Gating strategy for measuring the frequency of cytokine-producing cells in vaccinated mice. Singlets were selected, then dead cells were excluded. CD4+CD3+ cells were selected, then representative gates for cytokine producing cells after peptide stimulation or vehicle controls were identified.

C) BCG CFU in the spleens of B6 and Tollip-/- mice four weeks after vaccination with 10^6 CFU via the intravenous route.