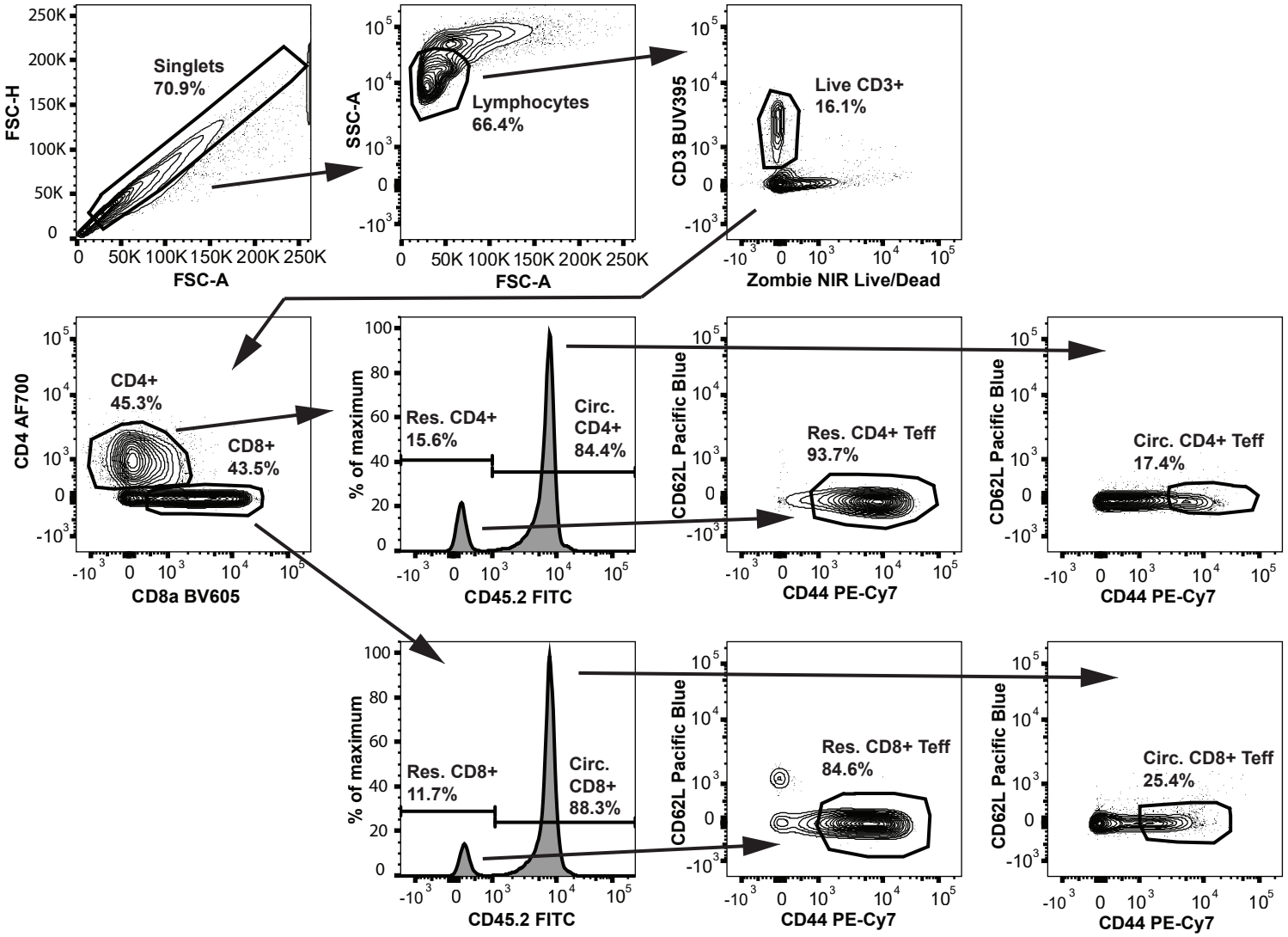
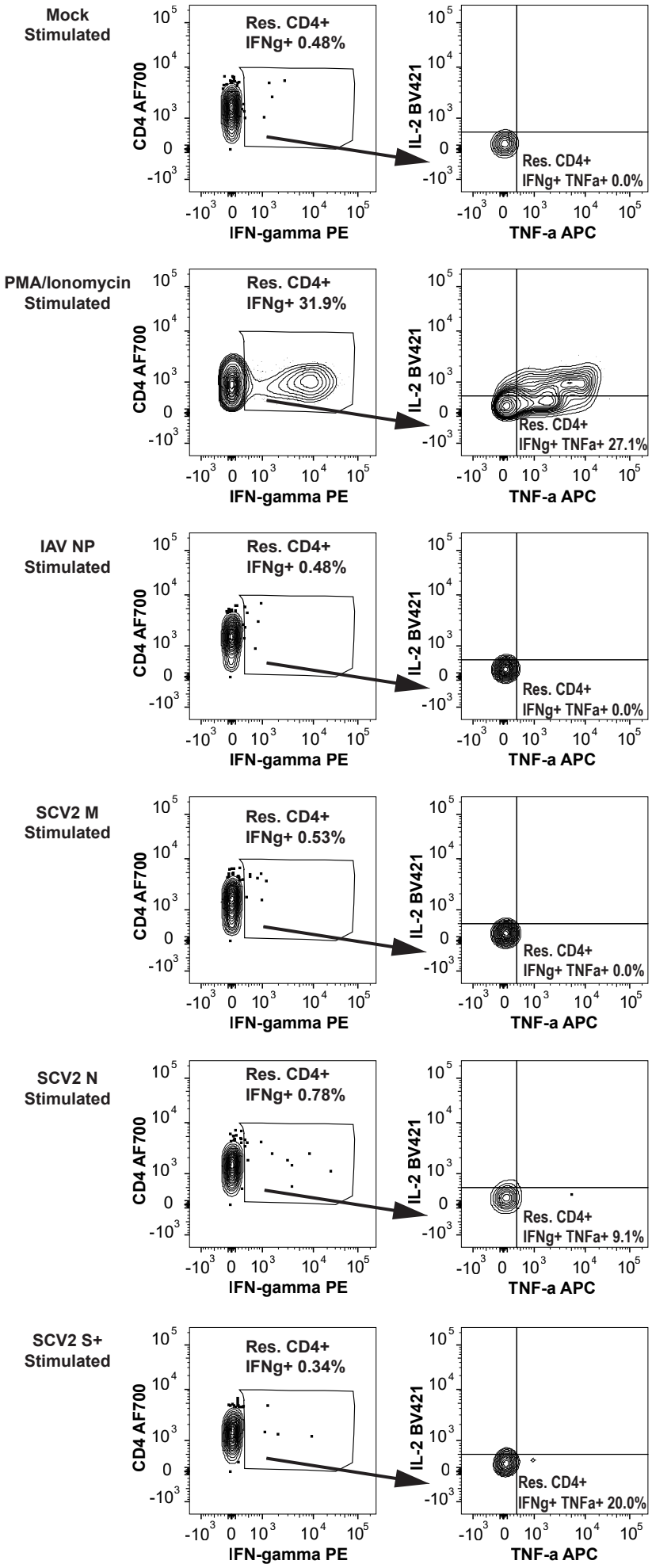
Supplemental Figure 1



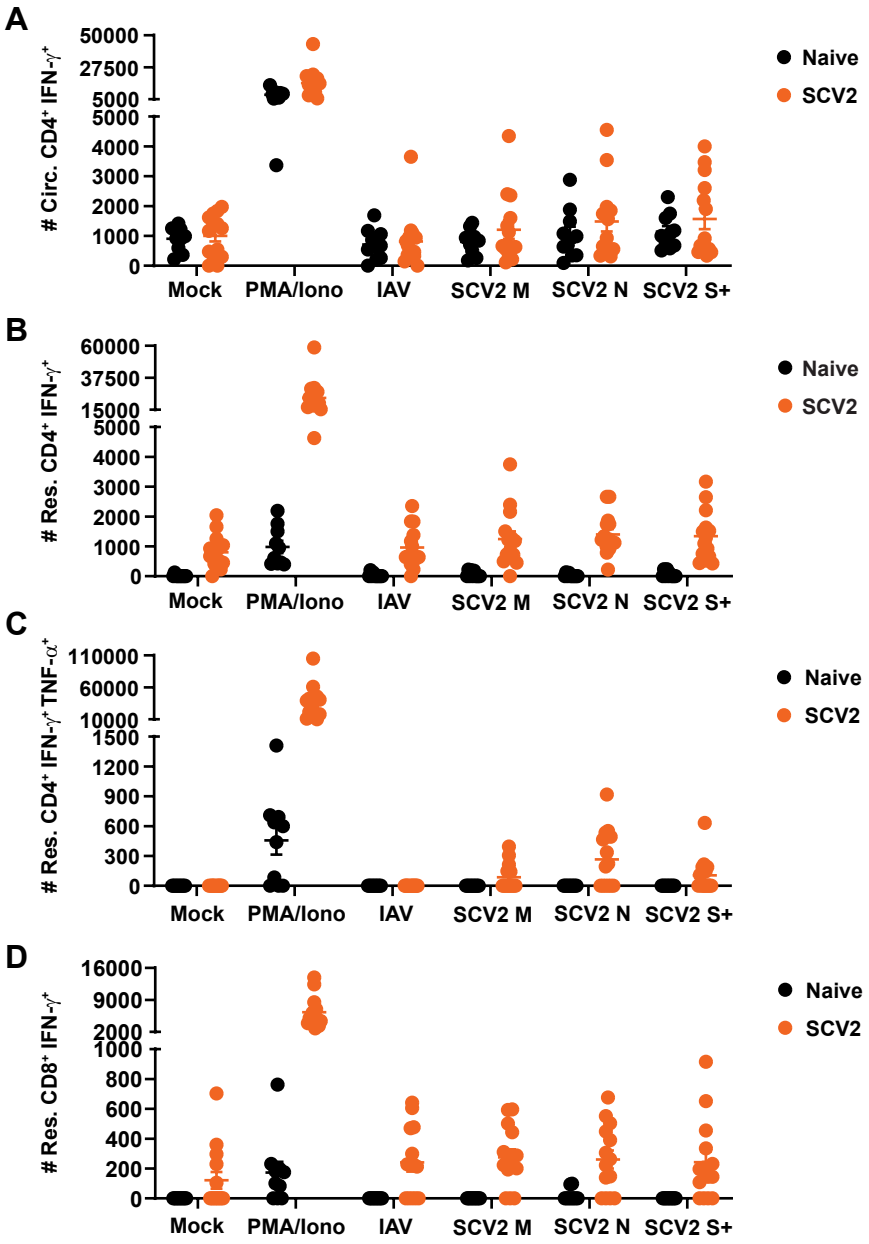
Supplemental Figure 1. Gating scheme. Representative gating scheme for quantifying resident and circulating CD4+ and CD8+ Teff cells.

Supplemental Figure 2



Supplemental Figure 2. ICS gating scheme. Representative gating scheme for quantifying cytokine responses by resident and circulating CD4+ and CD8+ T cells following stimulation. Resident and circulating CD4+ and CD8+ T cells were gated on as in Supplemental Fig. 1. Mock, PMA/Ionomycin, IAV NP, SCV2 M, SCV2 N, and SCV2 S+ stimulations are shown for resident CD4+ T cells to illustrate how all intracellular cytokine data was analyzed.

Supplemental Figure 3



Supplemental Figure 3. Resident and circulating T cells are specific for multiple SCV2 antigens and respond to non-specific stimulation. hACE2 mice were intranasally infected with 10^2 PFU of SARS-CoV-2. Uninfected mice served as negative controls. Twenty-eight days later, lung cells were mock stimulated, stimulated with PMA/Ionomycin, or IAV NP, SCV2 M, SCV2 N, or SCV2 S+ peptide pools. The production of A) IFN-γ by circulating CD4+ T cells, B) IFN-γ by resident CD4+ T cells, C) IFN-γ and TNF-α by resident CD4+ T cells, and D) IFN-γ by resident CD8+ T cells was determined by flow cytometry. n=10-14 mice/group and are combined from 3 independent experiments. Each point represents an individual mouse; error bars indicate SEM.