

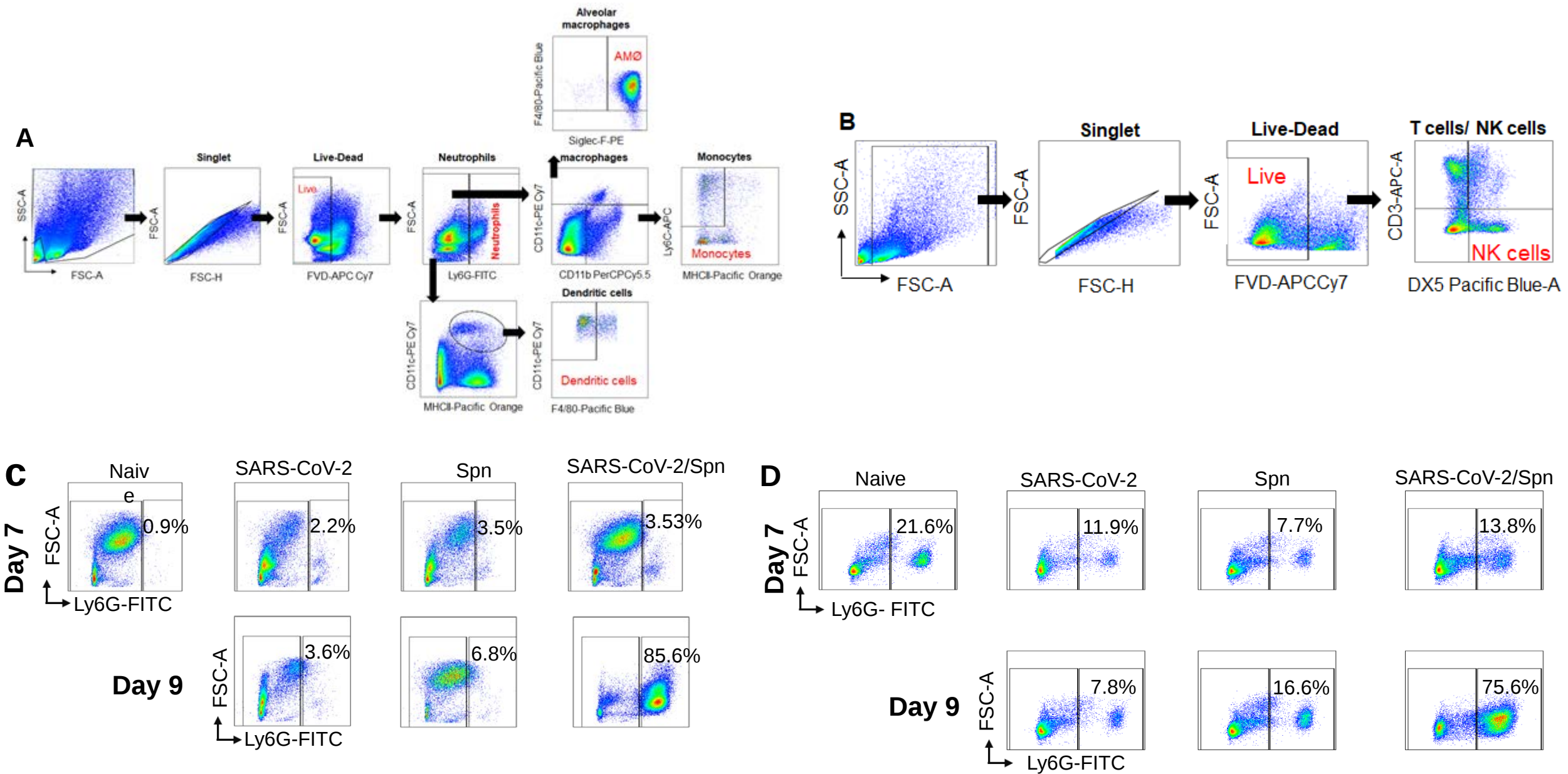


Fig. S1. **Gating strategy for myeloid and lymphoid cells and representative dot plot for neutrophils.** Gating strategy for (A) myeloid cells and (B) lymphoid cells. hACE2 mice were infected with SARS-CoV-2 on day 0 and *S. pneumoniae* on day 6 and BALF (C) and lung tissues (D) were evaluated for neutrophil cell population on day 7 and day 9.

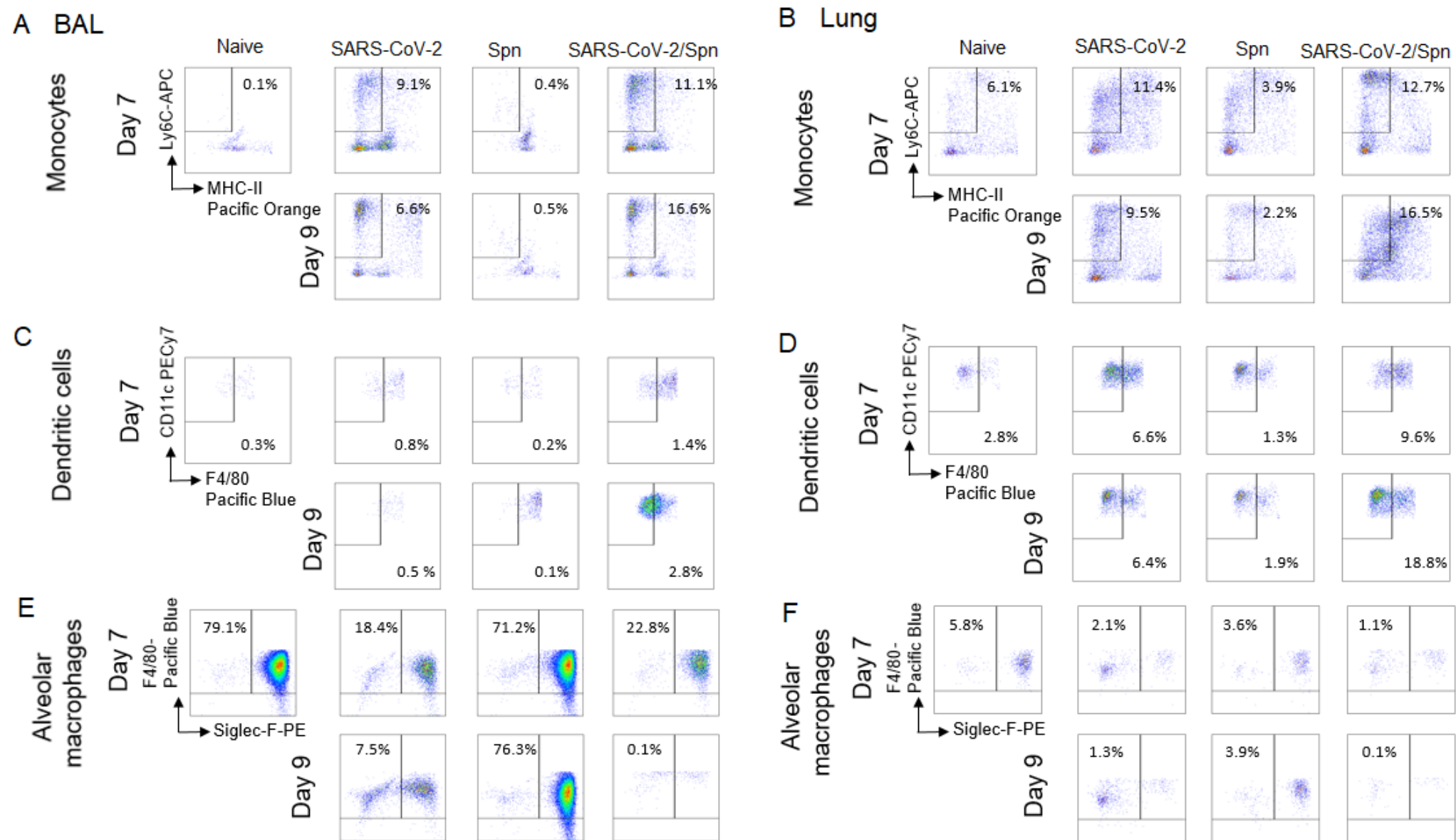


Fig. S2. Representative dot plot for monocytes, dendritic cells and macrophages. hACE2 mice were infected with SARS-CoV-2 on day 0 and *S. pneumoniae* on day 6 and BALF and lung tissues were evaluated for (A and B) monocytes, (C and D) dendritic cells, (E and F) macrophage cell population on day 7 and day 9.