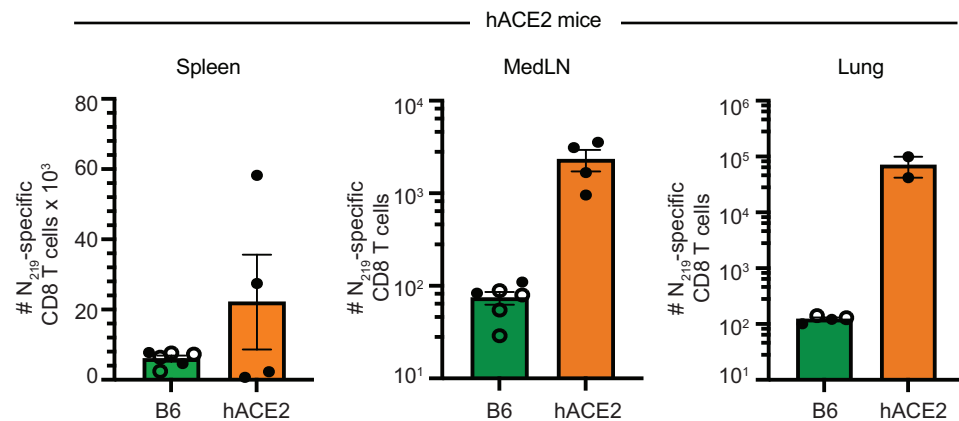
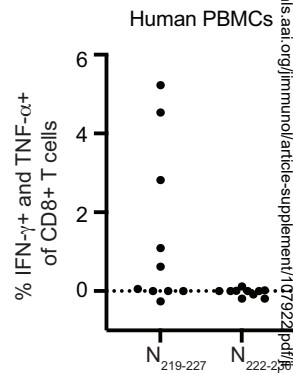


A



B



Supplemental Figure 1. N_{219} -specific CD8 T cell responses in SARS-CoV-2 infected hACE2 transgenic mice and human COVID-19 patients. (A) Enumeration of N_{219} -specific CD8 T cells in the spleen, mediastinal lymph node, and lungs of mice expressing hACE2 transgene 10 days after intranasal SARS-CoV-2 infection. B6 mice served as controls. Lung tissue was collected in only two of four hACE2 transgenic mice. **(B)** Ten peripheral blood mononuclear cell (PBMC) samples from HLA-A*02+ hospitalized COVID-19 patients were briefly stimulated with SARS-CoV-2 $N_{219-227}$ or $N_{222-230}$, washed, cultured in IL-2 conditioned media for 18 days, and then restimulated with $N_{219-227}$ or $N_{222-230}$ overnight, and stained for intracellular cytokines.