

Supplementary Fig. S9 Viral sgRNA in the lungs and tracheas of SARS-CoV-2- or pCoV-GD01-inoculated hACE2 Mice. 8-week-old hACE2 mice (n = 6) at were inoculated with  $6\times10^3$  PFU of pCoV-GD01 or SARS-CoV-2 through i.n. administration, and all mice were sacrificed at 72 hpi for lungs. Viral sgRNAs in the lungs and tracheas were determined by qRT-PCR. Data are shown as means  $\pm$  SD. Student's t-test was performed for statistical analysis (\*p<0.05). L.O.D, limit of detection.