## Figure A1. HMPV-immunized mice showed significant differences in histopathology 5 days after viral challenge.

After intranasal immunization with  $5\times10^5$  TCID<sub>50</sub> of  $\Delta$ SH-C-85473,  $\Delta$ G-C-85473 or WT rC85473 virus, mice were inoculated with  $1\times10^6$  TCID<sub>50</sub> (LD<sub>50</sub>) of rC-85473 3-weeks later. Tissues observations (x100 magnification) and measure of pulmonary edema scores were performed on mice lungs on day 5 post-challenge (n=2).

	pulmonary edema score
challenged mice mock- immunized	1.5
challenged mice rC-85473 WT immunized	0
challenged mice ΔSH-C-85473 immunized	0
challenged mice ΔG-C-85473 immunized	0