



SUPPLEMENTARY FIG. S5. Lung histopathological changes in Hkx-31-infected mice at day 3 and 5 postinfection. Histopathological H&E analysis of lungs from WT C57Bl/6J mice treated once daily via intranasal administration of MitoTEMPO (100 μ g) over a 4–6-day period 1 day before virus infections. Mice were intranasally infected with X31 (10^3 – 10^4 PFUs) or PBS (control) and culled for assessment at (A) day 3 p.i or (B) day 5 p.i. Representative images are at three different magnifications (1 \times [clear], 10 \times [blue], 20 \times [green]). Data are expressed as mean \pm SEM (Control, $n=6$ –8; MitoTEMPO, $n=6$ –8; X31 $n=10$ X31+mito $n=12$ –14).