



SUPPLEMENTARY FIG. S3. Marked suppression of proinflammatory and antiviral cytokine expression with MitoTEMPO treatment at day 5 postinfection. Mice were infected with Hkx-31 at (10^3 PFUs) or PBS (control) *via* intranasal administration. Animals were treated once daily *via* intranasal administration of MitoTEMPO (100 μ g) over a 6-day period 1 day before virus infection for measurements at day 5 p.i. qPCR was used to quantify expression of cytokines and chemokines: IFN- β , IFN- γ , IL-1 β , IL-6, TNF- α , IL-17A, CXCL2, and CCL3. Responses are relative to GAPDH and then expressed as a fold-change above naive controls. Data are expressed as mean \pm SEM (Control, $n=6-8$; MitoTEMPO, $n=6-8$; X31 $n=10$ X31+mito $n=12-14$). Statistical analysis was conducted using one-way ANOVA test followed by Tukey's *post hoc* test for multiple comparisons. Statistical significance was taken where $p < 0.05$ (* $p < 0.05$ and ** $p < 0.01$). qPCR, quantitative polymerase chain reaction.