



Supplemental Figure 3. **IRE1 α is required for optimal HCoV-OC43 infection. (A-C)** HCT-8 cells were treated with IRE1 α nuclease inhibitor STF-083010 or DMSO solvent control prior to infection with HCoV-OC43. RNA was harvested 48 hours post-infection and the relative abundance of spliced *XBP1* (A), *ERDJ4* (B), and HCoV-OC43 viral RNA (C) were determined by quantitative RT-PCR. Data are means \pm SD of four replicates and are representative of three independent experiments. * P < 0.05, ** P < 0.01, *** P < 0.001, by unpaired t test.