



**Supplement Figure 1 A-B: Sex-specific differences in SARS pathogenesis following inhalant and injectable anesthesia and serum estradiol levels in naïve control and estrogen receptor antagonist treated female mice.** (A) 8-9 month male and female mice were anesthetized with isoflurane and ketamine/xylazine and were intranasally infected with 5000 PFU of SARS-CoV in 50 $\mu$ l of DMEM. Survival was monitored for 12 dpi (n=4-5 mice/group). (B) Naïve 8-9 month female C57BL/6 mice were treated with vehicle or ICI 182, 780 as described in Materials and Methods. Serum estradiol concentrations were measured by ELISA.