



**Figure S3: Gene expression of importins and Rho-GTPases in A549 cells and ferrets.**

**A.** Experimental design of GSE147507 dataset, composed of I. A549 cells infected or not with SARS-CoV-2 for 24h with a multiplicity of infection (MOI) of 2 and II. trachea biopsies of 4-month-old ferrets harvested 3 days after infection with SARS-CoV-2 or mock treatment. **B.** Gene expression of importins and Rho-GTPases in A549 cell line. Statistical significance was calculated using Student's t test. **C.** Gene expression of importins in ferrets. Statistical significance was calculated using Welch's t test.