

Supplementary Table S1. Quantitative analysis of *ACE2* and *TMPRSS2* mRNA expression (H-score) between tissue compartments in mock and SIV-infected pigs

			<i>ACE2</i>			<i>TMPRSS2</i>		
Compartment	Infection status	<i>n</i>	Median	Interquartile Range	Range	Median	Interquartile Range	Range
Trachea	Mock	3	3.804994	7.682812	7.682812	164.0523	130.00153	130.00153
Trachea	SIV-infected	4	2.258819	9.901621	12.6784775	160.59205	47.558	63.35110555
Bronchi	Mock	3	1.653747	11.035171	11.035171	79.27649	78.83115	78.83115
Bronchi	SIV-infected	4	3.177524	5.014165113	5.150139727	120.805	19.71135	24.52183689
Bronchioles	Mock	3	1.046025	3.323927	3.323927	51.24688	79.47589	79.47589
Bronchioles	SIV-infected	4	1.084394	4.8001505	6.154314476	166.67515	38.0509	46.23672577
Alveoli	Mock	3	2.470991	3.670127	3.670127	9.024126	25.90625	25.90625
Alveoli	SIV-infected	4	5.6622895	8.55464475	9.471389443	49.14735	23.3593325	28.2236812