

Table S4: The evaluation of lung pathology for infected animals

The pathological lesions	Control		Infection by:																	
			SARS-CoV-2			HAdV-5			IAV			SARS-CoV-2/HAdV-5			HAdV-5/3 day/SARS-CoV-2			IAV/SARS-CoV-2		
												2	3	4	1	2	3			
Interstitial pneumonia involving neutrophils and heterophiles	0	0	2	2	2	1	2	1	1	2	2	2	3	2	2	3	3	3	2	3
Acute diffuse alveolar damage, necrosis of alveolar epithelial cells	0	0	1	2	2	0	0	0	1	0	1	2	2	2	2	3	2	2	2	2
Bronchitis with necrosis of bronchial epithelial cells	0	0	2	1	2	0	1	0	1	1	1	2	1	2	1	1	2	1	2	2
Hyperplasia of the bronchial epithelium	0	0	1	1	1	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1
Endothelitis with necrosis and desquamation of endothelial cells	0	0	1	1	1	0	0	0	0	1	0	1	1	1	1	1	2	1	2	1
Perivascular edema and perivascular lymphocytic infiltration	0	0	1	0	2	1	1	0	1	1	1	2	3	2	2	2	2	2	2	2
Intraalveolar hemorrhages	0	0	1	1	1	0	0	1	1	1	0	1	1	1	1	1	2	2	2	2

Note. The pathological changes of the lung on a scale: 0 - absence of pathology; 1- mild lesions; 2 - moderately lesions; 3 – pronounced lesions [1]. Mock-infected (2 hamsters), SARS-CoV-2, HAdV-5, IAV, SARS-CoV-2/HAdV-5, HAdV-5/3 day/ SARS-CoV-2, IAV/SARS-CoV-2 (3 hamsters). Three evenly distributed sections from each lung were scored for various parameters.

1. Gruber AD, Osterrieder N, Bertzbach LD, Vladimirova D, Greuel S, Ihlow J, Horst D, Trimpert J, Dietert K. Standardization of Reporting Criteria for Lung Pathology in SARS-CoV-2-infected Hamsters: What Matters? Am J Respir Cell Mol Biol. 2020 Dec;63(6):856-859. doi: 10.1165/rcmb.2020-0280LE. PMID: 32897757