



**Figure S1.** SARS-CoV-2 replication in Syrian hamster mono-infected and co-infected with enteroviruses.

Syrian hamsters were intranasally challenged on Day 0 for mono-infection: SARS-CoV-2 ( $10^5$  TCID<sub>50</sub>); LEV-8 ( $10^6$  TCID<sub>50</sub>); EV-A71 ( $10^6$  TCID<sub>50</sub>) and for co-infection: LEV-8 ( $10^6$  TCID<sub>50</sub>)/SARS-CoV-2 ( $10^5$  TCID<sub>50</sub>); EV-A71 ( $10^6$  TCID<sub>50</sub>)/SARS-CoV-2 ( $10^5$  TCID<sub>50</sub>). On Days 3 and 6 post-infection, the lung tissues collected from Syrian hamsters were homogenized to determine the viral infectious titers. The SARS-CoV-2, LEV-8 and EV-A71 titers, expressed as the 50% tissue culture infectious doses per gram (TCID<sub>50</sub>/g), were determined by the CPE assay in Vero E6 (SARS-CoV-2) and HEK293A (LEV-8 and EV-A71) cells, respectively. The values represent the means  $\pm$  SDs of three animals. Student's t-test was used for two-group comparisons. \* $p < 0.05$ .

**Table S1:** Evaluation of lung pathology for infected Syrian hamsters

The pathological lesions	Control	SARS-CoV-2	LEV-8	LEV-8/3day/SARS-CoV-2
Interstitial pneumonia involving neutrophils and heterophils	0 0	2 3 3	0 0 0	1 1 1
Acute diffuse alveolar damage, necrosis of alveolar epithelial cells	0 0	2 3 3	0 0 0	0 0 0
Bronchitis with necrosis of bronchial epithelial cells	0 0	2 2 3	0 0 0	0 1 0
Hyperplasia of the bronchial epithelium	0 0	1 2 1	0 0 0	0 1 0
Endotheliitis with necrosis and desquamation of endothelial cells	0 0	1 1 2	0 0 0	0 1 0
Perivascular edema and perivascular lymphocytic infiltration	0 0	2 3 2	0 0 0	0 1 0
Intraalveolar hemorrhages	0 0	2 2 2	0 0 0	0 0 0

Note. The pathological changes in the lung according to the scale: 0 – no pathology; 1 – mild lesions; 2 – moderate lesions; 3 – pronounced lesions [1]. Mock-infected (2 animals), SARS-CoV-2, LEV-8, LEV-8/3 day/ SARS-CoV-2 (3 animals).

Three evenly distributed sections from each lung were scored for various parameters.

1. Gruber, A.D.; Osterrieder, N.; Bertzbach, L.D.; 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**, 63(6), 856-859. <https://doi.org/10.1165/rcmb.2020-0280LE>.