

**Table S1:** Absolute values of RNA copies obtained by qRT-PCR for figure 2. Data represent means of 6 (A549-ACE2/TMPRSS2), 4 (Calu-3 - PR-1) or 3 (rest of data sets) independent experiments.

<b><u>A549-ACE2/TMPRSS2</u></b>					
	<b>PR-1</b>	<b>Alpha</b>	<b>Beta</b>	<b>Gamma</b>	<b>Delta</b>
	viral RNA copies [ $\times 10^3$ ]				
<b>untreated</b>	109	795	184	326	33
<b>5 <math>\mu\text{g/mL}</math></b>	73	369	125	168	17
<b>10 <math>\mu\text{g/mL}</math></b>	58	359	73	122	14
<b>15 <math>\mu\text{g/mL}</math></b>	46	244	77	95	8
<b>20 <math>\mu\text{g/mL}</math></b>	42	176	68	47	6
<b>100 <math>\mu\text{g/mL}</math></b>	13	54	20	5	2
<b><u>Calu-3</u></b>					
	<b>PR-1</b>	<b>Alpha</b>	<b>Beta</b>	<b>Gamma</b>	<b>Delta</b>
	viral RNA copies [ $\times 10^3$ ]				
<b>untreated</b>	5453	2932	1984	1537	112
<b>0.1 <math>\mu\text{g/mL}</math></b>	4811	1655	1137	1032	57
<b>1 <math>\mu\text{g/mL}</math></b>	1694	175	453	354	27
<b>10 <math>\mu\text{g/mL}</math></b>	898	81	297	84	13
<b>100 <math>\mu\text{g/mL}</math></b>	23	35	188	7	4

**Table S2:** Absolute values of RNA copies obtained by qRT-PCR for figure 3. Data represent means of 4 (Beta and Gamma) and 3 (PR-1 and Alpha) independent experiments.

		<b>PR-1</b>	<b>Alpha</b>	<b>Beta</b>	<b>Gamma</b>
		viral RNA copies [ $\times 10^3$ ]			
	untreated	2802	5100	635	4724
<b>kappa-carrageenan</b>	10 $\mu\text{g/mL}$	1938	4483	320	3600
	100 $\mu\text{g/mL}$	941	1999	122	1518
<b>lambda-carrageenan</b>	10 $\mu\text{g/mL}$	2044	4435	380	3312
	100 $\mu\text{g/mL}$	964	1535	124	1801