

Supplementary Table 1. Statistical analysis of replication kinetics of H4N1 in MDCK cells

2 µg/mL TPCK-trypsin

Tukey's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Below threshold?	Summary	Adjusted P Value
12h					
CS01 vs. CS01-A4	-0.34	-0.7350 to 0.05503	No	ns	0.1032
CS01 vs. CS01-A7	-0.7367	-1.132 to -0.3416	Yes	***	0.0002
CS01-A4 vs. CS01-A7	-0.3967	-0.7917 to -0.001638	Yes	*	0.0489
24h					
CS01 vs. CS01-A4	-0.3767	-0.7717 to 0.01836	No	ns	0.0642
CS01 vs. CS01-A7	-1.603	-1.998 to -1.208	Yes	****	<0.0001
CS01-A4 vs. CS01-A7	-1.227	-1.622 to -0.8316	Yes	****	<0.0001
36h					
CS01 vs. CS01-A4	-0.86	-1.255 to -0.4650	Yes	****	<0.0001
CS01 vs. CS01-A7	-1.527	-1.922 to -1.132	Yes	****	<0.0001
CS01-A4 vs. CS01-A7	-0.6667	-1.062 to -0.2716	Yes	***	0.0006
48h					
CS01 vs. CS01-A4	-0.5367	-0.9317 to -0.1416	Yes	**	0.0057
CS01 vs. CS01-A7	-0.7167	-1.112 to -0.3216	Yes	***	0.0002
CS01-A4 vs. CS01-A7	-0.18	-0.5750 to 0.2150	No	ns	0.512
60h					
CS01 vs. CS01-A4	-0.4467	-0.8417 to -0.05164	Yes	*	0.0237
CS01 vs. CS01-A7	-0.73	-1.125 to -0.3350	Yes	***	0.0002
CS01-A4 vs. CS01-A7	-0.2833	-0.6784 to 0.1117	No	ns	0.1999
72h					
CS01 vs. CS01-A4	-0.3067	-0.7017 to 0.08836	No	ns	0.154
CS01 vs. CS01-A7	-0.5167	-0.9117 to -0.1216	Yes	**	0.0079
CS01-A4 vs. CS01-A7	-0.21	-0.6050 to 0.1850	No	ns	0.4047

1 µg/mL TPCK-trypsin

Tukey's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Below threshold?	Summary	Adjusted P Value
12h					
CS01 vs. CS01-A4	-0.15	-0.6275 to 0.3275	No	ns	0.7249
CS01 vs. CS01-A7	-0.29	-0.7675 to 0.1875	No	ns	0.3102
CS01-A4 vs. CS01-A7	-0.14	-0.6175 to 0.3375	No	ns	0.7553
24h					
CS01 vs. CS01-A4	-0.53	-1.008 to -0.05245	Yes	*	0.0268
CS01 vs. CS01-A7	-1.083	-1.561 to -0.6058	Yes	****	<0.0001
CS01-A4 vs. CS01-A7	-0.5533	-1.031 to -0.07579	Yes	*	0.0201
36h					
CS01 vs. CS01-A4	-0.2633	-0.7409 to 0.2142	No	ns	0.3786
CS01 vs. CS01-A7	-1.327	-1.804 to -0.8491	Yes	****	<0.0001
CS01-A4 vs. CS01-A7	-1.063	-1.541 to -0.5858	Yes	****	<0.0001
48h					
CS01 vs. CS01-A4	-0.3633	-0.8409 to 0.1142	No	ns	0.1652
CS01 vs. CS01-A7	-1.207	-1.684 to -0.7291	Yes	****	<0.0001
CS01-A4 vs. CS01-A7	-0.8433	-1.321 to -0.3658	Yes	***	0.0003
60h					
CS01 vs. CS01-A4	-0.2867	-0.7642 to 0.1909	No	ns	0.3184
CS01 vs. CS01-A7	-0.89	-1.368 to -0.4125	Yes	***	0.0002
CS01-A4 vs. CS01-A7	-0.6033	-1.081 to -0.1258	Yes	*	0.0105
72h					
CS01 vs. CS01-A4	-0.26	-0.7375 to 0.2175	No	ns	0.3877
CS01 vs. CS01-A7	-0.9767	-1.454 to -0.4991	Yes	****	<0.0001
CS01-A4 vs. CS01-A7	-0.7167	-1.194 to -0.2391	Yes	**	0.0022