

Supplementary Table 2. Statistical analysis of replication kinetics of H4N1 in A549 and DF-1 cells

A549 cells

Tukey's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Below threshold?	Summary	Adjusted P Value
12h					
CS01 vs. CS01-A4	-0.02667	-0.2804 to 0.2270	No	ns	0.9643
CS01 vs. CS01-A7	-1.377	-1.630 to -1.123	Yes	****	<0.0001
CS01-A4 vs. CS01-A7	-1.35	-1.604 to -1.096	Yes	****	<0.0001
24h					
CS01 vs. CS01-A4	-0.2267	-0.4804 to 0.02702	No	ns	0.0877
CS01 vs. CS01-A7	-1.46	-1.714 to -1.206	Yes	****	<0.0001
CS01-A4 vs. CS01-A7	-1.233	-1.487 to -0.9796	Yes	****	<0.0001
36h					
CS01 vs. CS01-A4	-0.2433	-0.4970 to 0.01035	No	ns	0.0623
CS01 vs. CS01-A7	-1.367	-1.620 to -1.113	Yes	****	<0.0001
CS01-A4 vs. CS01-A7	-1.123	-1.377 to -0.8696	Yes	****	<0.0001
48h					
CS01 vs. CS01-A4	-0.1833	-0.4370 to 0.07035	No	ns	0.1953
CS01 vs. CS01-A7	-1.223	-1.477 to -0.9696	Yes	****	<0.0001
CS01-A4 vs. CS01-A7	-1.04	-1.294 to -0.7863	Yes	****	<0.0001
60h					
CS01 vs. CS01-A4	0.3133	0.05965 to 0.5670	Yes	*	0.0126
CS01 vs. CS01-A7	-0.8167	-1.070 to -0.5630	Yes	****	<0.0001
CS01-A4 vs. CS01-A7	-1.13	-1.384 to -0.8763	Yes	****	<0.0001
72h					
CS01 vs. CS01-A4	-0.27	-0.5237 to -0.01632	Yes	*	0.0349
CS01 vs. CS01-A7	-1.387	-1.640 to -1.133	Yes	****	<0.0001
CS01-A4 vs. CS01-A7	-1.117	-1.370 to -0.8630	Yes	****	<0.0001

DF-1 cells

Tukey's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Below threshold?	Summary	Adjusted P Value
12h					
CS01 vs. CS01-A4	0.01667	-0.2850 to 0.3184	No	ns	0.99
CS01 vs. CS01-A7	-0.9667	-1.268 to -0.6650	Yes	****	<0.0001
CS01-A4 vs. CS01-A7	-0.9833	-1.285 to -0.6816	Yes	****	<0.0001
24h					
CS01 vs. CS01-A4	0.04333	-0.2584 to 0.3450	No	ns	0.9344
CS01 vs. CS01-A7	-0.8633	-1.165 to -0.5616	Yes	****	<0.0001
CS01-A4 vs. CS01-A7	-0.9067	-1.208 to -0.6050	Yes	****	<0.0001
36h					
CS01 vs. CS01-A4	0.2767	-0.02504 to 0.5784	No	ns	0.0777
CS01 vs. CS01-A7	-0.64	-0.9417 to -0.3383	Yes	****	<0.0001
CS01-A4 vs. CS01-A7	-0.9167	-1.218 to -0.6150	Yes	****	<0.0001
48h					
CS01 vs. CS01-A4	0.16	-0.1417 to 0.4617	No	ns	0.4065
CS01 vs. CS01-A7	-0.47	-0.7717 to -0.1683	Yes	**	0.0015
CS01-A4 vs. CS01-A7	-0.63	-0.9317 to -0.3283	Yes	****	<0.0001
60h					
CS01 vs. CS01-A4	0.31	0.008292 to 0.6117	Yes	*	0.043
CS01 vs. CS01-A7	-0.67	-0.9717 to -0.3683	Yes	****	<0.0001
CS01-A4 vs. CS01-A7	-0.98	-1.282 to -0.6783	Yes	****	<0.0001
72h					
CS01 vs. CS01-A4	0.14	-0.1617 to 0.4417	No	ns	0.4997
CS01 vs. CS01-A7	-0.5567	-0.8584 to -0.2550	Yes	***	0.0002
CS01-A4 vs. CS01-A7	-0.6967	-0.9984 to -0.3950	Yes	****	<0.0001