

Virus	Relative humidity (%)	72°C ^a				82°C ^a									
		PBS		DMEM ^b		Saliva		PBS + BSA		PBS		DMEM		Saliva	
MS2	1	0.11 0.36 (0.24)	1.31 1.57 (1.44)	-	-	0.08 0.29 (0.19)	2.42 3.12 (2.77)	0.73 1.02 (0.88)	0.90 0.64 (0.77)						
	13	0.41 0.34 (0.38)	5.02 4.75 (4.89)	1.01 0.96 (0.99)	1.53 1.46 (1.5)	1.36 0.96 (1.16)	5.54 > 6.35 (5.93)	1.44 2.03 (1.74)	3.28 3.64 (3.46)						
	25	1.31 1.46 (1.39)	6.41 6.28 (6.35)	1.41 1.48 (1.45)	2.25 3.18 (2.72)	4.07 4.03 (4.05)	> 6.86 > 6.18 (> 6.52)	-	-						
	36	3.71 3.72 (3.72)	> 6.67 > 6.74 (> 6.71)	-	-	> 6.71 6.03 (> 6.37)	> 6.80 > 6.75 (> 6.78)	-	-						
	48	> 6.81 6.64 (> 6.73)	> 6.57 > 6.19 (> 6.38)	-	-	> 6.78 > 6.32 (> 6.55)	> 6.58 > 5.48 (> 6.03)	-	-						
	71	> 6.85 > 6.62 (> 6.74)	> 6.86 > 6.43 (> 6.65)	-	-	> 6.58 > 7.09 (> 6.84)	> 6.83 > 7.13 (> 6.98)	-	-						
	89	> 7.11 > 6.62 (> 6.87)	> 6.93 > 6.19 (> 6.56)	-	-	> 6.83 > 6.96 (> 6.90)	> 6.99 > 7.33 (> 7.16)	-	-						
phi6	1	0.85 1.12 (0.99)	2.77 2.38 (2.58)	-	-	0.79 2.16 (1.48)	3.08 4.66 (3.87)	1.11 1.06 (1.09)	1.07 0.44 (0.76)						
	13	1.97 1.27 (1.62)	4.48 4.12 (4.3)	1.19 0.70 (0.95)	1.26 1.40 (1.33)	3.84 2.97 (3.41)	6.61 7.18 (6.9)	2.33 2.91 (2.62)	2.44 1.51 (1.98)						
	25	3.07 2.63 (2.85)	6.02 > 7.44 (> 6.73)	1.78 1.60 (1.69)	1.11 1.56 (1.34)	5.60 5.38 (5.49)	> 8.08 > 7.18 (> 7.63)	-	-						
	36	4.88 5.65 (5.27)	> 7.70 > 7.41 (> 7.56)	-	-	> 7.25 > 6.30 (> 6.78)	> 7.40 > 6.38 (> 6.89)	-	-						
	48	7.14 7.03 (7.09)	> 7.76 > 7.45 (> 7.61)	-	-	> 6.97 > 6.49 (> 6.73)	> 7.55 > 5.95 (> 6.75)	-	-						
	71	> 6.20 > 7.05 (> 6.63)	> 7.83 > 7.10 (> 7.47)	-	-	> 7.08 > 7.02 (> 7.05)	> 7.40 > 7.54 (> 7.47)	-	-						
	89	> 6.86 > 6.72 (> 6.79)	> 7.62 > 6.00 (> 6.81)	-	-	> 7.07 > 6.33 (> 6.70)	> 7.74 > 7.51 (> 7.63)	-	-						
IAV	1	-	2.56 2.45 (2.51)	-	-	-	3.85 2.75 (3.30)	-	-						
	13	-	3.98 3.50 (3.74)	-	-	-	> 3.96 4.14 (> 4.05)	-	-						
	25	-	3.61 > 4.05 (> 3.83)	-	-	-	> 3.89 > 4.49 (> 4.19)	-	-						
	89	-	> 4.19 > 4.19 (> 4.19)	-	-	-	> 4.33 > 4.43 (> 4.38)	-	-						
MHV	1	-	0.89 1.60 (1.25)	-	-	-	2.89 2.53 (2.71)	-	-						
	13	-	2.56 2.48 (2.52)	-	-	-	> 4.17 > 3.45 (> 3.81)	-	-						
	25	-	> 3.52 > 3.59 (> 3.56)	-	-	-	> 3.56 > 3.31 (> 3.44)	-	-						
	89	-	> 3.83 > 3.59 (> 3.71)	-	-	-	> 3.30 > 3.43 (> 3.37)	-	-						

^aReplicates shown side-by-side for a given treatment, and arithmetic mean shown in parentheses below replicates. Greater than symbol is used to designate replicates outside of dynamic range. For treatment settings with one or more replicates outside of dynamic range, the arithmetic mean was calculated from the values shown.

^bDMEM-A was used as the deposition solution for MS2, phi6, and IAV experiments, and DMEM-B was used as the deposition solution for MHV experiments.