

S3 Table. Receptor binding of H7 mutants

HA	ELISA-like assay		Glycan array	
	α 2-3	α 2-6	α 2-3	α 2-6
WT	++ ^a	- ^b	++	-
G225D	ND ^c	ND	-	-
E190D	ND	ND	-	-
G225D	ND	ND	-	-
K193T	+ ^d	-	-	-
V186K	-	+	-	-
V186K	+	+	-	-
G228S	+	+	-	-
V186G	-	-	+	-
V186G	+	-	+	+
G228S	+	-	+	+
V186G	-	-	-	-
K193T	-	-	-	-
V186N	-	-	-	-
N224K	-	-	-	-
N224K	++	++	++	-
G228S	++	++	++	-

^a Significant binding above 1×10^4 RFUs (see Fig. S2)

^b Signals below 2×10^3 RFUs

^c Not determined

^d Significant binding below 5×10^3 RFUs