

Table S2. Amino acids composition of the HA cleavage site and receptor-binding site of the HA gene of H7N3 strains.

	HA cleavage	Receptor-binding site							Left edge of Receptor- binding site	Right edge of Receptor- binding site
H7 position:	333-342	106	162	192	199	202	203		229-238	142-146
A/mallard/Dagestan/1050/2018	PELPKGRGLF	Y	L	H	E	K	L		RPQVNGQSGR	GATSA
A/mallard/Dagestan/1051/2018	PELPKGRGLF	Y	L	H	E	K	L		RPQVNGQSGR	GATSA