

Supplementary table 1.

Information of the coding sequences of hemagglutinin (HA) genes used in the study

SI No	Accession No	Length
1	KF280655	1701
2	KF280663	1701
3	KF280671	1701
4	KF280679	1701
5	KF280687	1701
6	KF280695	1701
7	KF280703	1701
8	KF280711	1701
9	KF280719	1701
10	KF280727	1701
11	KF280735	1701
12	KF280743	1701
13	KF280751	1701
14	JQ319658	1701
15	JQ319657	1701
16	HM204579	1770
17	HM204578	1743
18	HM204577	1743
19	HM204576	1707
20	HM204575	1770
21	HM204574	1707
22	HM204573	1707
23	HM204572	1743
24	HM204571	1707
25	HM204570	1710
26	HM204569	1707
27	HM204568	1755
28	HM204567	1707
29	HM204566	1767
30	JN600356	1701
31	JF293316	1701
32	JF293315	1701