Table S4. Stability of attenuating mutations in internal genes of H7N9 LAIV clinical isolates

Isolate number	Day	Gene of L17 MDV origin (attenuating mutation N't position)							
		PB2	PB1		PA		M		NS
		1459	819	1795	107	1045	68	457	798
Vaccine virus isolation post–Dose 1									
1	1	+	+	+	+	+	+	+	+
2	1	+	+	+	+	+	+	+	+
3	1	+	+	+	+	+	+	+	+
4	1	+	+	+	+	+	+	+	+
5	1	+	+	+	+	+	+	+	+
6	1	+	+	+	+	+	+	+	+
7	2	+	+	+	+	+	+	+	+
8	2	+	+	+	+	+	+	+	+
9	2	+	+	+	+	+	+	+	+
10	2	+	+	+	+	+	+	+	+
11	2	+	+	+	+	+	+	+	+
12	3	+	+	+	+	+	+	+	+
13	3	+	+	+	+	+	+	+	+
14	3	+	+	+	+	+	+	+	+
15	3	+	+	+	+	+	+	+	+
16	3	+	+	+	+	+	+	+	+
17	4	+	+	+	+	+	+	+	+
18	4	+	+	+	+	+	+	+	+
19	4	+	+	+	+	+	+	+	+
Vaccine virus isolation post–Dose 2									
20	29	+	+	+	+	+	+	+	+
21	30	+	+	+	+	+	+	+	+
22	30	+	+	+	+	+	+	+	+
23	31	+	+	+	+	+	+	+	+
24	32	+	+	+	+	+	+	+	+
25	32	+	+	+	+	+	+	+	+
Control viruses									
H7N9 LAIV		+	+	+	+	+	+	+	+
L17 MDV		+	+	+	+	+	+	+	+
LWT[2]		–	–	–	–	–	–	–	–

[1]Day of isolation. [2]A/Leningrad/134/57 (H2N2) WT parent of L17 MDV