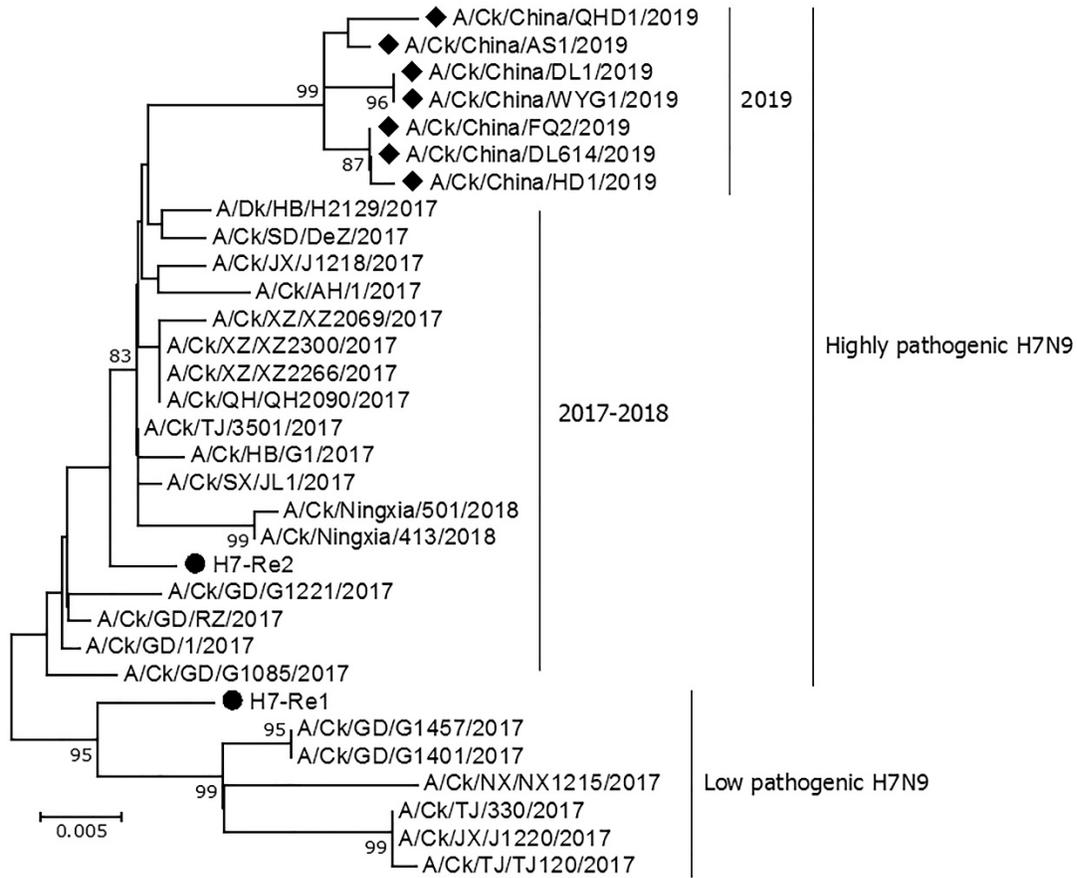


Antigenic Variant of Highly Pathogenic Avian Influenza A(H7N9) Virus, China, 2019

Appendix

Appendix Table. Virulence and shedding of H7N9 highly pathogenic avian influenza viruses in ducks

Isolate	Day post challenge	No. necropsy	Virus isolation						Virus shedding		Seroconversion (positive/total)
			Positive number/total number (Mean Ct)						Number shedding/total number (Mean Ct)		
			Brain	Liver	Spleen	Lung	Intestine	Kidney	Tracheal	Cloacal	
FQ2	3	5	1/5	2/5	2/5	2/5	5/5	2/5	10/10	10/10	10/10
	5	5	1/5	2/5	2/5	2/5	5/5	2/5	10/10	10/10	
DL1	3	5	1/5	2/5	3/5	3/5	5/5	2/5	10/10	10/10	10/10
	5	5	1/5	2/5	3/5	3/5	5/5	2/5	10/10	10/10	



Appendix Figure. Phylogenetic trees of the hemagglutinin gene of H7N9 avian influenza viruses. Trees were constructed with MEGA6.05 software using the neighbor-joining method. Bootstrap analysis was performed with 1,000 replications. “◆”represents viruses isolated in 2019 and “●”represents vaccine strains. Scale bars indicate the number of nucleotide substitutions per site.