

**Table S3. Influenza virus-specific antibody detection.** The ratio of antibody-positive chickens to the number of virus-inoculated chickens as determined by influenza-specific ELISA and subtype-specific hemagglutinin inhibition (HI) tests. Serum samples taken at 5 and 7 days post inoculation (dpi) are shown. The HI titres are expressed as the mean  $\log_2$  values  $\pm$  standard deviation (SD).

Virus group	ELISA positives		HI test positives (titre) <sup>a</sup>	
	5 dpi	7 dpi	5 dpi	7 dpi
H3N8 NS allele A	0/4	2/4	0/4	1/4 (3)
H3N8 NS allele B	0/4	2/4	0/4	1/4 (3)
H4N6 NS allele A	0/4	1/4	0/4	0/4
H4N6 NS allele B	0/4	4/4	0/4	0/4
H8N4 NS allele A	4/4	3/4	3/4 (4.3 $\pm$ 0.6)	2/4 (5.0 $\pm$ 0.0)
H8N4 NS allele B	0/4	0/4	0/4	0/4
H9N2 NS allele A	1/4	3/4	0/4	0/4
H9N2 NS allele B	0/4	1/4	0/4	0/4

dpi, days post inoculation; HI, hemagglutination inhibition; NS, nonstructural protein

<sup>a</sup> HI titres of 3  $\log_2$  or higher were considered positive.