

Supplementary information

Supplementary Table 1: Virus neutralization (VN) test and hemagglutination inhibition (HI) test of chicken sera using a heterologous HPAIV H5N8 virus (A/tufted duck/Germany/AR8444-L01987/2016, clade 2.3.4.4 group B). Shown are the VN- and HI-titers and positive reactions are indicated in bold. d23 = 12 days post boost, d30 = 7 days post challenge.

	VN titer		HI titer			VN titer		HI titer	
	d23	d30	d23	d30		d23	d30	d23	d30
Subadult group	Vaccinated and challenged	<1:8	<1:8	<1:8	<1:8	<1:32	1:10	<1:32	<1:8
		<1:16	<1:8	<1:16	<1:8	<1:32	<1:8	<1:32	<1:8
		<1:8	<1:8	<1:8	<1:8	<1:16	<1:8	<1:16	<1:8
		<1:8	<1:8	<1:8	<1:8	<1:32	1:25	<1:32	<1:8
		<1:8	<1:8	<1:8	<1:8	<1:8	<1:8	<1:8	<1:8
	Juvenile group	<1:8	<1:8	<1:8	<1:8	<1:32	1:10	<1:32	<1:8
		<1:8	<1:8	<1:8	<1:8	<1:32	<1:8	<1:32	<1:8
		<1:8	<1:8	<1:8	<1:8	<1:16	<1:8	<1:16	<1:8
		<1:8	<1:8	<1:8	<1:8	<1:16	<1:8	<1:16	<1:8
		<1:8	1:10	<1:8	<1:8				
Naïve contact	<1:16	<1:8	<1:16	<1:8	<1:16	<1:8	<1:16	<1:8	
	<1:8	<1:8	<1:8	<1:8	<1:16	<1:8	<1:16	<1:8	
	<1:16	<1:8	<1:16	<1:8	<1:16	<1:8	<1:16	<1:8	
	<1:16	<1:8	<1:16	<1:8	<1:16	<1:8	<1:16	<1:8	
	<1:16	<1:8	<1:16	<1:8	<1:16	<1:8	<1:16	<1:8	

Supplementary Table 2: Virus neutralization (VN) test and hemagglutination inhibition (HI) test of ferret sera using a heterologous HPAIV H5N8 virus (A/tufted duck/Germany/AR8444-L01987/2016, clade 2.3.4.4 group B). Shown are the VN- and HI-titers and positive reactions are indicated in bold. d22 = 12 days post boost, d28 = 6 days post challenge.

	VN titer		HI titer	
	d22	d28	d22	d28
Vaccinated and challenged	<1:256	<1:8	<1:256	<1:8
	<1:16	1:13	<1:16	<1:8
	<1:16	<1:8	<1:16	<1:8
	<1:64	<1:8	<1:64	<1:8
Naive contact	<1:8	<1:8	<1:8	<1:8
	<1:16	<1:8	<1:16	<1:8
	<1:16	<1:8	<1:16	<1:8
	<1:64	<1:8	<1:64	<1:8