

Table S6: Vaccination strategies in pigeons (PPMV-1)

Vaccine program	Pre-challenge Abs' titer (log-2)	Challenge virus/dpv	Protection %		Virus shedding (log-10)	Reference
			Morbidity	Mortality		
LaSota-live (GII), inactivated PPMV-1 (GVI)	NR	V PPMV-1 (G VI)	-	100%		<i>Hassan, 2005</i>
Inactivated PPMV-1 (G VI)				90%		
Inactivated PPMV-1 (GVI)	5.0	V PPMV-1 (G VI)/ 21dpv	-	100%	-	<i>Amer et al., 2013</i>
Live HB1(GII)	4.5		-	50%	-	
Inactivated ND vaccine (GII)	4.3		-	60%	-	
Bivalent inactivated vaccine (S. Typhimurium and PPMV-1) (GVI) with Montanide ISA 206	8	V PPMV-1 (G VI)/ 21dpv	100%	100%	-	<i>Khedr et al., 2016</i>
Inactivated PPMV-1 aluminum hydroxide gel adjuvanted vaccine (GVI) S/C	9.3	V PPMV-1(G VI)/ 21dpv		100%	C (7dpc): 1.00	<i>Soliman et al., 2019</i>
Inactivated PPMV-1 oil adjuvanted vaccine (GVI) S/C	7.8		+	70%	C (7dpc): 1.78	
Inactivated PPMV-1 aluminum hydroxide gel adjuvanted vaccine (GVI)/ IM	5.6			100%	C (7dpc): 2.08	
Inactivated PPMV-1 vaccine (GVI)/ once	5.1 (14dpv)	-				<i>Abotaleb et al., 2019</i>
Inactivated PPMV-1 vaccine (GVI)/ twice	6 (14dpv)					

V PPMV-1: velogenic pigeon paramyxovirus-1**G: genotype****dpv: days post vaccination****C: cloacal shedding**

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