

Table S3: qRT-PCR results for cloacal swabs as log₁₀ vRNA viral titres/ml, with EID₅₀/ml titres in parenthesis

Treatment group	Chicken No.	Sampling day post challenge					
		2	3	4	7	14	21
A: H6 VLP vaccine	A1	3.85 [0.14]	3.51 [0.06]	U	U	U	U
	A2	U	U	U	U	U	U
	A3	U	U	3.92 [0.16]	3.46 [0.06]	U	U
	A4	U	U	U	U	U	U
	A5	3.37 [0.05]	U	3.29 [0.04]	U	U	U
	A6	3.68 [0.09]	U	U	U	U	U
	A7	3.48 [0.06]	U	U	U	U	U
	A8	3.90 [0.15]	U	U	U	U	U
	A9	U	U	U	U	U	U
	A10	U	U	U	3.07 [0.02]	U	U
	A11	U	U	U	3.09 [0.02]	U	U
	A12	U	U	U	U	U	U
		Mean	1.52±1.89 [0.04 ± 0.06]	0.29±1.01 [0.01 ± 0.02]	0.60±1.41 [0.02 ± 0.05]	0.80±1.45 [0.01 ± 0.02]	U
B: Commercial H6N2 vaccine	B1	3.69 [0.10]	3.88 [0.15]	U	U	U	U
	B2	3.68 [0.09]	U	3.41 [0.05]	U	U	U
	B3	3.62 [0.08]	U	U	U	U	U
	B4	3.83 [0.13]	3.73 [0.10]	3.46 [0.06]	U	U	U
	B5	U	3.77 [0.11]	4.19 [0.30]	U	U	U
	B6	3.48 [0.06]	U	3.46 [0.06]	U	U	U
	B7	4.34 [0.42]	U	U	U	U	U

	B8	3.63 [0.08]	4,50 [0.61]	4.13 [0.26]	U	U	U
	B9	3.50 [0.06]	U	U	U	U	U
	B10	3.48 [0.06]	U	4.03 [0.21]	4.05 [0.22]	U	U
	B11	U	U	U	3.26 [0.04]	U	U
	B12	3.82 [0.13]	4,08 [0.23]	3.77 [0.12]	3.45 [0.06]	U	U
	Mean	3.09±1.46 [0.10 ± 0.11]	1.66±2.06 [0.10 ± 0.18]	2.20±1.96 [0.09 ± 0.11]	0.90±1.63 [0.03 ± 0.06]	U	U
C: Non- vaccinated control	C1	U	U	3.18 [0.03]	U	U	U
	C2	U	3.75 [0.11]	3.13 [0.03]	U	U	†
	C3	4.40 [0.48]	4.45 [0.55]	4.69 [0.94]	4.18 [0.30]	3.42 [0.05]	U
	C4	3.56 [0.07]	U	U	U	U	U
	C5	3.39 [0.05]	4.33 [0.42]	3.77 [0.11]	U	3.43 [0.05]	U
	C6	4.01 [0.20]	U	3.63 [0.08]	U	U	U
	C7	U	3.51 [0.06]	3.80 [0.12]	U	U	U
	C8	U	U	U	U	U	U
	C9	3.45 [0.05]	3.77 [0.11]	3.83 [0.13]	U	U	U
	C10	3.68 [0.09]	3.56 [0.07]	U	U	U	U
	C11	4.07 [0.23]	4.37 [0.46]	3.46 [0.06]	U	U	U
	C12	U	4.75 [1.08]	3.72 [0.10]	3.18 [0.03]	U	U
	Mean	2.21±1.97 [0.1. ± 0.14]	2.71±2.03 [0.24 ± 0.33]	2.77±1.71 [0.13 ± 0.26]	0.61±1.45 [0.03 ± 0.09]	0.57±1.33 [0.01 ± 0.02]	U

U-undetected/ below the limit of detection of 1000 viral copies; † chicken was euthanized 16 days post challenge for humane reasons unrelated to viral challenge