

S2 Table. Individual animal GEC per mL of the nasal swabs samples collected from the 2nd experiment at 5, 7, 11 and 14 dpi. Clinical signs recorded for each of the animals are also depicted.

Group	Anim al Id	Log ₁₀ GEC/mL				Clinical signs
		5 dpi	7 dpi	11 dpi	14 dpi	
Unvaccinated	1	2,404	2,488			Fever at 6-7 dpi /coughing at 3 dpi Fever at day of challenge
	2	3,560	2,169			
	3	5,575	2,441	1,240	1,240	
	4	4,425	2,654	2,370	2,627	
	5	4,125	2,098			Fever 3,4 dpi
	6	3,232	2,880	2,277	2,528	Fever 3-7 dpi
Vaccinated	7	3,631	2,336			Fever (4 dpi)/ coughing at 3 dpi
	8	4,329	1,240	1,240	1,240	Coughing at 3 dpi
	9	2,933	2,163			
	10	3,473	1,240	1,240	1,240	Fever at 3 and 7 dpi
	11	2,413	1,240	1,240	1,240	Fever at 2, 5 and 7 dpi/ coughing at 4 dpi
	12	2,519	1,240			Fever at 2 to 4 dpi

Numbers in bold type represent samples from which viral RNA was not detected (there were given the value of the detection limit of the technique).