

**Supplementary Table S3.** *C. jejuni* counts (log<sub>10</sub> MPN) of seeder and sentinel broiler chickens at 2, 3, 4, 8, 11, 16 and 18 days after inoculation from cloacal swabs.

<sup>1</sup> 2 d post inoculation		<sup>2</sup> 3 d post inoculation		<sup>2</sup> 4 d post inoculation		<sup>2</sup> 8 d post inoculation		<sup>2</sup> 11 d post inoculation		<sup>2</sup> 16 d post inoculation		<sup>2</sup> 18 d post inoculation		
control	CE-culture	control	CE-culture	control	CE-culture	control	CE-culture	control	CE-culture	control	CE-culture	control	CE-culture	
0.36	2.36	nd	nd	nd	1.36	4.36	4.36	5.36	3.36	6.36	4.36	7.36	3.36	
3.36	1.36	nd	nd	nd	nd	5.36	3.36	5.36	3.36	6.36	6.36	6.36	6.36	
2.36	1.36	nd	nd	nd	nd	5.36	3.36	6.36	4.36	4.36	3.36	6.36	4.36	
0.36	2.36	nd	nd	2.36	nd	5.36	4.36	7.36	5.36	6.36	5.36	8.36	6.36	
1.36	2.36	nd	nd	nd	1.36	4.36	3.36	5.36	3.36	5.36	2.36	5.36	4.36	
1.36	1.36	nd	1.36	nd	3.36	5.36	4.36	5.36	5.36	5.36	6.36	5.36	4.36	
0.36	3.36	nd	nd	nd	nd	5.36	2.36	5.36	5.36	5.36	5.36	5.36	5.36	
3.36	2.36	nd	2.36	nd	3.36	4.36	3.36	4.36	5.36	5.36	4.36	5.36	5.36	
1.36	1.36	nd	nd	nd	nd	5.36	1.36	5.36	4.36	5.36	5.36	5.36	5.36	
3.36	0.36	nd	nd	nd	0.36	7.36	2.36	5.36	3.36	6.36	4.36	6.36	4.36	
3.36	3.36	nd	nd	nd	1.36	5.36	4.36	5.36	4.36	5.36	6.36	4.36	5.36	
0.36	0.36	nd	nd	nd	nd	5.36	4.36	6.36	5.36	6.36	4.36	5.36	4.36	
1.36	2.36	nd	nd	nd	nd	5.36	3.36	6.36	3.36	5.36	5.36	6.36	4.36	
2.36	1.36	nd	nd	nd	1.36	6.36	4.36	8.36	4.36	7.36	4.36	6.36	5.36	
2.36	2.36	nd	nd	nd	nd	5.36	2.36	6.36	3.36	6.36	4.36	6.36	5.36	
2.36	3.36	nd	3.36	nd	3.36	5.36	3.36	6.36	4.36	6.36	5.36	5.36	5.36	
3.36	3.36	nd	nd	nd	2.36	5.36	4.36	6.36	3.36	7.36	4.36	7.36	4.36	
0.36	2.36	0.36	nd	1.36	1.36	5.36	4.36	5.36	5.36	5.36	4.36	5.36	4.36	
		nd	nd	nd	nd	5.36	2.36	8.36	3.36	4.36	5.36	6.36	4.36	
		nd	nd	nd	nd	5.36	3.36	6.36	5.36	5.36	4.36	6.36	5.36	
		nd	nd	nd	nd	4.36	3.36	4.36	3.36	6.36	4.36	6.36	3.36	
		nd	nd	nd	1.36	4.36	4.36	5.36	3.36	5.36	2.36	4.36	4.36	
		nd	nd	nd	0.36	3.36	4.36	5.36	3.36	5.36	4.36	5.36	5.36	
		nd	nd	nd	1.36	6.36	3.36	6.36	4.36	6.36	4.36	6.36	3.36	
		nd	nd	nd	nd	5.36	4.36	7.36	4.36	6.36	4.36	5.36	3.36	
		nd	2.36	nd	3.36	5.36	5.36	4.36	5.36	6.36	5.36	6.36	5.36	
		4.36	3.36	nd	3.36	4.36	2.36	5.36	3.36	4.36	4.36	4.36	2.36	
		nd	nd	nd	1.36	5.36	3.36	5.36	4.36	6.36	4.36	6.36	5.36	
		nd	0.36	nd	3.36	4.36	5.36	5.36	4.36	6.36	4.36	6.36	4.36	
		nd	nd	nd	nd	5.36	4.36	4.36	3.36	6.36	4.36	6.36	4.36	
		nd	3.36	nd	2.36	4.36	3.36	5.36	5.36	6.36	5.36	6.36	4.36	
		nd	nd	nd	0.36	4.36	3.36	5.36	3.36	6.36	5.36	5.36	6.36	
		nd	nd	nd	3.36	5.36	2.36	5.36	3.36	6.36	4.36	6.36	4.36	
		nd	2.36	1.36	3.36	5.36	4.36	6.36	4.36	6.36	5.36	5.36	5.36	
		nd	nd	nd	nd	4.36	3.36	4.36	4.36	6.36	3.36	5.36	4.36	
		nd	nd	nd	nd	6.36	7.36	5.36	4.36	6.36	5.36	7.36	4.36	
median log <sub>10</sub> MPN/cloacal swab	1.86	2.36	2.36	2.36	1.36	1.72	5.36	3.36	5.36	4.36	6.36	4.36	6.36	4.36
Log reduction	-	-	-	-	-	-	2	2	1	1	2	2	2	2

<sup>1</sup>median values in log<sub>10</sub> MPN/g from seeders  $n = 18$ ; <sup>2</sup>median values in log<sub>10</sub> MPN/g from sentinels  $n = 36$ ; “nd” indicates that *C. jejuni* was “not detectable”.