

Supplementary Table S1. *Coxiella burnetii* detection and developmental stages of 354 collected ticks by every months in Jeju Island (2016-2018).

	JJ		AW		HD		BD		SH		Total	
	Tick*	<i>C. burnetii</i> (IR, %)	Tick*	<i>C. burnetii</i> (IR, %)	Tick*	<i>C. burnetii</i> (IR, %)	Tick*	<i>C. burnetii</i> (IR, %)	Tick*	<i>C. burnetii</i> (IR, %)	Tick*	<i>C. burnetii</i> (IR, %)
Adult (F)	3/51	0/3 (0)	13/73	0/13 (0)	15/76	0/15 (0)	4/55	0/4 (0)	15/98	2/15 (13.3)	50/353	2/50 (4)
Adult (M)	3/25	0/3 (0)	7/52	0/7 (0)	9/52	1/9 (11.1)	0/32	N/A	13/80	0/13 (0)	32/241	1/32 (3.1)
Nymph	40/476	4/40 (10)	70/578	3/70 (4.3)	61/583	3/61 (4.9)	31/362	3/31 (9.7)	70/598	3/70 (4.3)	272/2,597	16/272 (5.9)
Larvae	0	N/A	0	N/A	0	N/A	0/1	N/A	0	N/A	0/1	N/A
Total	46/552	4/46 (8.7)	90/703	3/90 (3.3)	85/711	4/85 (4.7)	35/450	3/35 (8.6)	98/777	5/98 (5.1)	354/3,193	19/354 (5.4)

C. burnetii, *Coxiella burnetii*; JJ, Jeo Ji; Aewol (AW); Seon Hul (SH); Ha Do (HD) and ; Bo Mok-ri (BM); IR, infection rate; F, female; M, male; N/A not applicable. * Of 3,193 ticks collected in this study periods, clone XCP-1 16S ribosomal RNA gene sequencing was examined to identify *Coxiella* species in the 354 ticks. Of total collected ticks, *Haemaphysalis longicornis* was detected in every month, and *Haemaphysalis flava* was detected in January, February, April and November. The *C. burnetii*-infected ticks were detected only in *Haemaphysalis longicornis*.