Supplementary Table S2. Read count and relative abundance (%) of specific species from *Haemaphysalis longicornis* microbiome. Nymph (N1-N11), female adult (F1-F3), and male adult (M1-M4) tick samples

	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	F1	F2	F3	M1	M2	M3	M4
Coxiella-like bacterium (AB001519)	19,188 (52.35)	7,843 (13.13)	9,693 (39.59)	19,921 (37.11)	5 (0.007)	7 (0.01)	11,261 (31.04)	1 (0.001)	8 (0.014)	8 (0.013)	4 (0.007)	51,437 (97.07)	21,918 (36.30)	42,778 (67.85)	0	0	0	194 (0.66)
Coxiella burnetii	0	0	0	0	0	0	0	53 (0.08)	40 (0.07%)	189 (0.31%)	20 (0.03%)	0	0	0	0	0	0	0
Rickettsia rickettsii	155 (0.42)	518 (0.86)	1,289 (5.26)	0	0	0	0	0	0	0	0	0	0	0	1 (0.003)	15 (0.04)	0	2 (0.006)
Anaplasma bovis	0	1,152 (1.92)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0