

**Table S1:** Primers and sequences used in this study for the detection of tick-borne pathogens

Tick-borne pathogens		Target gene	Primer	Primer sequence (5'-3')	Reference
<i>Anaplasma / Ehrlichia</i>	1 <sup>st</sup> reaction	<i>16S rDNA</i>	Ec9 Ec12A	TACCTTGTTACGACTT TGATCCTGGCTCAGAACGAACG	[45]
	nPCR		16S8FE BGA1B	GGAATTCAGAGTTGGATC(A/C)TGG(C/T)TCAG CGGGATCCCGAGTTTGCCGGGACTT(C/T)TTCT	[46]
<i>Babesia /Theileria</i>	1 <sup>st</sup> reaction	<i>18S rDNA</i>	Nbab1F Nbab1R	AAGCCATGCATGTCTAAGTATAAGCTTTT CTTCTCCTTCCTTTAAGTGATAAGGTTTCAC	[47]
	nPCR		RLBF2 RLBR2	GACACAGGGAGGTAGTGACAAG CTAAGAATTTCACCTCTGACAGT	[48]