

Supplemental Table 1. Primers used in this study

Disease	Target Gene	Primer	Nucleotide sequence (5'-3')	Product size	Reference
Lyme borreliosis	5S-23S rRNA spacer	23S3	CGACCTTCTTCGCCTTAAAGC	253bp	1
		23Sa	TAAGCTGACTAATACTAATTACCC		
		23S5	CTGCGAGTTCGCGGGAGA		
		23S6	TCCTAGGCATTACCATA		
	Flagellin	Fla-147-170	TTAGGTTTTCAATAGCATACTCAG	588bp	
		Fla-732-713	GCAGTTCAATCAGGTAACGG		
16S rRNA	16SF	GCGAACGGGTGAGTAACG	1360bp		
	16SR	CCTCCCTTACGGGTTAGAA			
<i>ospC</i>	OspC1-66	CTACTAATCCTGCTGACG	537bp		
	OspC2-603	GGACTTTCTGCTACAACA			
Spotted fever group rickettsiosis	<i>gltA</i>	CS2d	ATGACCAATGAAAATAATAAT	381bp	2
		CSEndr	CTTATACTCTCTATGTACA		
		RpCS877	GGGGACCTGCTCACGGCGG		
		RpCS1258	ATTGCAAAAAGTACAGTGAACA		
	<i>ompA</i>	Rr190.70p	ATGGCGAATATTTCTCCAAAA	346bp	
		Rr190.602n	AGTGCAGCATTCGCTCCCCCT		
	190.70-38s1	AAAACCGCTTTATTCACC			
	190.602-384r1	GGCAACAAGTTACCTCCT			
Human granulocytic anaplasmosis	16S rRNA	Eh-out1	TTGAGAGTTTGATCCTGGCTCAGAACG	280bp	3
		Eh-out2	CACCTCTACACTAGGAATTCGCTATC		
		Eh-gs1	GTAATAACTGTATAATCCCTG		
		Eh-gs2	GTACCGTCATTATCTTCCCTA		

Human babesiosis	18S rRNA	PIROA	AATTACCCAATCCTGACACAG	408bp	4
		PIROB	TAAATACGAATGCCCCCAA		

References

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