

Table S1. Primers, amplicon sizes and thermal profiles used for Multiplex and Simplex PCR

Primers	Sequences	Amplicon Size	Cycles	Thermal profiles
<i>eae</i>	For – 5'–CATTGATCAGGATTTTCTGGTGATA-3' Rev-5'-CTCATGCGGAAATAGCCGTTA-3'	101	45	10 minutes at 45 °C, 10 minutes at 95 °C then 45 cycle, 15s of denaturation and 60s of extension. Acquisition of fluorescence
<i>eae</i> Probe	p-ATAGTCTCGCCAGTATTCGCCACCAATACC			
<i>STb</i>	For – 5'–TGCCTATGCATCTACACAAT-3' Rev-5'-CTCCAGCAGTACCATCTCTA-3'	113		
<i>STa</i>	For – 5'–CAACTGAATCACTTGACTCTT-3' Rev-5'-TTAATAACATCCAGCACAGG-3'	158	30	60s of denaturation at 90°C, 60s of annealing at 55°C, 60s of extension at 70 °C and the final extension of 10 minutes at 70 °C
<i>K99</i>	For – 5'–AATACTTGTTCTGGGAGAAA-3' Rev-5'-AACTTTGTGGTAACTTCCT-3'	230		
<i>CNF1</i>	For – 5'–AGGAAGTTATATTTCCGTAGG-3' Rev-5'-GTATTTGCCTGAACCGTAA-3'	552	35	60s of denaturation at 94°C, 60s of annealing at 63°C, 60s of extension at 72 °C and the final extension of 10 minutes at 72 °C