

**Supplementary Table S1.** Primer sequences and PCR conditions

PCR fragment	Primer sequence	Size (bp)	Annealing temperature (°C)
Exon1F	5'-CTCTCCCCTCACGCTCTCATC-3'	473	62
Exon1R	5'-TTTTCTCCCACGCCAAGACATCC-3'		
Exon2.1F	5'-AGAGAAGCTGGGATGTTGTAG-3'	490	62
Exon2.1R	5'-AGATAAGGCTGATAAGTGATGAC-3'		
Exon2.2F	5'-GTCCTGTGTCAGCTCCATTG-3'	552	62
Exon2.2R	5'-CTGTGATCTGTCCCACTCCC-3'		
Exon2.3F	5'-CTGCCCAAGTAAAGTATGACCC-3'	526	58
Exon2.3R	5'-CAGGATTTTGTCCACTGTTGAC-3'		
Exon4F	5'-AGCAAGCCTCATGTGCAGCCTC-3'	435	68
Exon4R	5'-ACAACAAACCAGACACGTCCAAG-3'		
Exon16F	5'-CAGAATGGTTAAAAGGATAT-3'	298	58
Exon16R	5'-GCAGAAAACGTATTTCTGAG-3'		
Exon18F	5'-AGGGTAACTTGAGGTTTCTG-3'	374	60
Exon18R	5'-ATCCAGCAAATCATTCTGATG-3'		

Abbreviations: F, forward; R, reverse.