

Loci	Primer sequences (5' → 3') (nucleotide position)	Tm (°C)	Sizes (bp)	Amplified region
P1	F: CGGCCGTCACCATGAATCA R: CGCAGTTTGTGTGACAGGTG	60	2065	Entire CDS region and AS variants for RT-PCR
P2	F: CGTAGCCAGCGTTATGAGGT R: TCCAGGCAGGCATGAAGAAG	60	220	EX1, EX2 for RT-qPCR (ACOX1)
P3	F: TTTGGCATCGCAGATCCTGA R: GTGCCCTGATTCAGCAAGGT	60	119	EX1, INS2 for RT-qPCR (ACOX1-SV1)
P4	F: TGTTTGTGATGGGCGTGAACCA R: ATGGCGTGGACAGTGGTCATAA	50	142	EX5, EX6, EX7 for RT-qPCR (GAPDH)

Note: NCBI reference sequence NC\_022311.1.