

Appendix 1. The primer sequences for the amplification of *RP1*.

Exon	Forward	Reverse	Annealing temperature (°C)
1	GTCTGGTGATTAGCATCACCATGG	CTAACAGTTAAAGACAGAACACAG	68
2-1	CTGTGAATATCCTGGATGTCTG	GGCTGCACCTTCCTGCCGTGGG	68
2-2	GAGCTGGAGGACGGCGAGTCC	GGCCACCATTTCATATCCCACAC	68
3	GTCTTTCAAGCCTAGGAGGTTG	GAAGCATGGATTTTGCCGTCC	68
4-1	CATAGAGCTCAGAAACATATC	CTTCTCTTTTATTCTGAATCG	68
4-2	CAAGACGGCACTATGACAGTTG	GTCTCACTCTTCTTAGTCCAG	68
4-3	CCAGGGAACTCAAGACCAAGC	TTCCTCCACAATTGAGTTATTTGA	68
4-4	CAAGTGCAATAAGTGCTGGT	TCCTTTGGTTGCAAGCTGTC	68
4-5	CTCGACAGCAAGCAATAAATTC	GCTCAAGGATGTTAAATACATG	68
4-6	CTCACAATGAATCTAAATATTGC	GGGATCATTCCCTGAAAAAC	68
4-7	CAGCTCCAGTATGTAGAAATG	TGGCAGCCTCTACACTTTGCC	68
4-8	GCTGAAAAATCAGGACCAGAG	GGCAACAGCAGCTTTCAAGTC	68
4-9	GCACATAGCTATCACAGAGGA	GCTCCCTCATAGGTATGGTTC	68
4-10	GGAGAGGTCTGTTCACTTACTG	CACTTGATGTCATGCTGTTGG	68
4-11	GATATGGAAGAACCACGGACT	ACCAATCAGAAGTCACTGGAC	68
4-12	GTTATTCAGAGTCCTCTCCTG	GTACCAGGTTCTACAATGTCAC	68
4-13	GATGTTAGTGCTGTGAGGGAC	CTGACTGATGACTACCCTTCTC	68
4-14	CGCAATGAAACCTGTGCCAAGG	CTGATCAAATATATCACCAATG	68
4-15	CAATAAAGCAAGTATGAGAC	GGAGGTCTCAACTTGGCAAATATC	68
4-16	ATCTCAACCAAGTAGTAAGAG	GTAAGTTCAGAACAAAACCAG	68
4-17	CAATTACAGACTCAGGTTCTC	CTATGAGATTGTCGTGGATATC	68