

Table 2. Primers used for amplification of *PTCH1* exons*

Exon	PCR product size	Primer sequences
Exon 1	672	F GAGCACAAAGGTGGAGAAGCC
		R CGCGCTGGCTGCACTC
Alternate Exon 1	463	F TGCCGGGTTTCATTGTGTTTAC
		R TGATGGACAGAGCAGGACTG
Exon 2	281	F CACTCCTCCCTTCTGCTTCG
		R CTCTATCAACCGCGAGGAGG
Exon 3	286	F GAGTTTGCAGTGATTTTGTATTTC
		R CCGCCTTACCTGCTGCTC
Exon 4+5	446	F GTGAGAAATTTTGTCTCTGCTTTT
		R CCTCTCCCCGACTATTAC
Exon 6	284	F GGCTCTTTTCATGGTCTCGTC
		R TGTTTTGCTCTCCACCCTTC
Exon 7	226	F GCACTGGATTTTAACAAGGCATG
		R CAGGGCATAGATTGTCCTCG
Exon 8	232	F TGGGAATACTGATGATGTGCC
		R CATAACCAGCGAGTCTGCAC
Exon 9	213	F CATTTGGGCATTTCCGATTC
		R CAACCAAACCAAACCTCCAGC
Exon 10	208	F TGCCCCCATTGTTCTGCTTG
		R GGACAGCAGATAAATGGCTCC
Exon 11	188	F GCATCTCGCATGTCTAATGCCAC
		R AAGCTGTGATGTCCCAAAG
Exon 12	211	F GACCATGTCCAGTGCAGCTC
		R CGTTCAGGATCACACAGCC
Exon 13	222	F AGTCCTCTGATTGGGCGGAG
		R CCATTCTGCACCCAATCAAAAG
Exon 14	541	F AAAAATGGCAGAATGAAAGCACC
		R CTGATGAACTCCAAAGTTCTG
Exon 15	405	F GGAAGAGTCAGTGGTGCTCC
		R CGCAAAGACCGAAAGGAC
Exon 16	318	F AGGGTCCTTCTGCTGCGAG
		R AGCTCCAGTGCCTTAGGTC
Exon 17	303	F GCTCTCAAGGCAGAAGTGTG
		R GGAAGGCACCTCTGTAAGTTC
Exon 18	344	F GCTCCTAACCTGTGCCCTTC
		R TTGACTTCCACAAGCCCTT
Exon 19	227	F CGCCCACTGACCACTGTGTG
		R GAGCCAGAGAAATGGGTTG
Exon 20	217	F AGCATTACCAGGTGAAGTCC
		R TTGCACACGCCTGCTTAC
Exon 21	309 187	F ₁ TGTTCCTGTTTCTCTTGG
		F ₂ TGAATGTGAAGTGCAGTTGGA
		R GCACAGGAAACACAGCATTC
Exon 22	352	F GCAGGTAATGGACAAGAACAC
		R ACTACCACGGTGGGAAGACC
Exon 23	731	F CCCTTCTAACCCACCCTCAC
		R GACACATCAGCCTTGCTC

*Nucleotide sequence [GenBank: NG_007664] was used as reference for design of polymerase chain reaction (PCR) primers; Exons 4 and 5 were amplified as one PCR fragment.