

Appendix 1. PCR Primers used in this study

Primer	Forward (5'-3')	Reverse(5'-3')
Exon 2	GCCTGGGATGAGCTTCAG	GGTTTGGAATTCAGGCTGA
Exon 3	CACCACTGTAACTGCACAATACC	CTGCTGCAGATTTTGTGAGTAGA
Exon 4	GTCTTCCCAGCTGAACAAAGTA	GTGGTAATTTGTTTCAGTAGCCCTAG
Exon 5	GTCAGGTATTGCTTGGTAAACAG	CAGCATTTATCCTTTTCGGTTC
Exon 6	CGAGTGACATTCATTTGTAACGA	GGCATTTGTTGCAATAACCA
Exon 7	TTTGAATCTAATAATTCCATGGTTTG	TGGTGGTGAAGGGAAGTCTC
Exon 8	CAACATTTTGATTTCTGTTTTGC	TGCTCTGACATCTTAATGTGCT
Exon 9	CACACAATGCATATAGTCCTAGG	TGTTAGGCCAAGATTAAGTTCAT
Exon 10	TGATATGTGCTTTACTTCTGGTG	GCATTGTAGATAGAAGCACACAG
Exon 11	TGGCAGGTAGAGATGAAAGG	GCAAATGCAGTCTTCAATTCTAC
Exon 12	CCCTGTCTTGTACCTAATGAGC	TTCCAGATGGTAATAGAGATGTGA
Exon 13	GCAGTAGCATTGTTTGTGTCTC	GTAGAAGCCACAAACCAGAAAC
Exon 14	GGGAATTAGTGCCTTGGTAGAG	GAAGTTATTGCTTTGCAACTGC
Exon 15	AAGCCGTCTTACTCTACAATGCT	TTCTGATGGGTCTTAAATGGAG
Exon 16	GCAATCCTGAATCAGAAAGACC	CCACAACAGCATTTATCCTCAA
Exon 17	GAGAGGAAAGCAGTTAGCAATG	GATTCTCATTTCATGTCTTGACCA
Exon 18	AAGTAACCCCTTTGTCTGATGAGT	GGAAACATTTGCATTCAGAGG
Exon 19	TCAGAAACTAAATGAATGTGTGA	TGCCCTGTTTAATCAATATAGAG
Exon 20	TGGTGGTTGGCAATAATTCC	GAGTTAGTGAGGGAGGAGAAGACA
Exon 21	AGCCATACAGATACTTGAAACC	GCTATCAAAGGGCTGAATTAG
Exon 22	CCATGCGAGTATATTGCTGTG	GCTGAGGGCAAGTCACATTAC
Exon 23	CAGGAAAGCCAGAATGATGC	CCCAAAGGCAAATTCAACAG
Exon 24	CAGGCAATGAGGAGAGAGGA	CCTAAAGGAAATTTTGGCACA
Exon 25	TGAATCATTAAGAGGCTTGCAG	TGTGTGCACCATTTGGAATAAC
Exon 26	GGTCTTTCTGTCACTTCTGTGC	TTTCAGTTATCAGGCGTGGTG
Exon 27	TGCTTTTCAGGGAAGTGTGTTG	GGTGCTGCTTTTAGCCTGAG
Exon 28,29	TGCTGCAGAGGACAAAAATG	GCTTCAGGGTAATAGTCCTTCC
Exon 30	TGCGGCCATTAAAAGTGAAG	TGCAGGCTTCCACTACTTTAG

Exon 31	GCAGAAAGGGAGGAAAATGAC	CAAATTAGGTTGGGGTTTGC
Exon 32	TGATTTATTGGTTTGGGTCTG	GCATTCTTGATTAAATTTGCAG
Exon 33	TGAAGCATCCTATATGTTATTGC	CCTCCCCTGATTGAACTCAC
Exon 34	ATTTCCCTTTTTGCCCTCAG	AGGATGGGAAGAGAGTTTTTCAG
Exon 35	TTGGGGAAGTAAAGGTAGCAC	CCACAATCTCCCCAACTAGAG
Exon 36	AAATCACATCAAGAGTGCTTGC	CCTGCTTGAAAGGCTAGCTG
Exon 37	TGTGCTTTGATCCTGCTGAC	AACCAACATCTGTGGCTAAAAG
Exon 38	AATTGGCCAGGTCAACTCAG	TGTGAGGTGGATGAAAGCAG
Exon 39	CAGGAGTTCAGGAATGAAAATG	AAGTTTCAGTGGGAAGAAATCC
Exon 40	GAGATCTCATTGATGGCAGAA	GGCTCATTTCTTTGCTTTGG
Exon 41	TGGCCTTTACCAAGTGTTCA	AAGGCCAAAACCCAGTTTCT
Exon 42	GCAAAATTCTAGGCCTCGTG	AAAGCCTCCTTCATTTCCCTAC
Exon 43	ATGCCACAGAACAGCCTGAG	AGCCGTGACAAAGGCAATAG
Exon 44	TTTTGTAGAGGGGTGGAAGG	TGTGTACATGGGGGAGGTTC
Exon 45	CATTTCCAAAACAAAGGCTCTC	TTAGCCTCCACCCCCTTC
Exon 46	TCATCATATCCCACTGGTCAC	CCCTTCTCTCTTTTCCCTTCC
Exon 47	AGGGAAGGTGGGATTCAGAC	TGTCATGGCTGAGAGGATACC
Exon 48	CCTCACGCCATGTGTTATTC	CCTTTCTTTTCCGTGGAGTC
Exon 49	TCGAATGATCCTGGAAAATACA	TTGTTGAGAGGGAGGTGTTTG
Exon 50	ACCTGTAAGTTGCCATGTGTG	TTTGGAGGACATGACCTTTTC
Exon 51	ATTCAGCAACTGCCTGAGC	AAAGCTTCCCTGAGAACAGC
Exon 52	TGGGAAGCTGCAAACTG	GGCCTCAAAGTATGATGGAATG
Exon 53	TCCGTATCCCTGCATCT	GGTTAGATGCATAGGGCAAT
Exon 54	ATTGCATTTCTTCCGAACAC	TCTCTCCTTCCAGCCATAGG
Exon 55	AAAGGGAAATGCTTCTCCAAG	CCCCCTAACCACAATGACAG
Exon 56	AGCCTCTTATGAGGTTGAGACC	CAAGCCTGAAGAATGGGAAC
Exon 57	GGGGATGGTGTGACTTTTG	ATGGCCAATGAATGAGGAAG
Exon 58	GGCAAAGAGTTTGCAATTTGTC	TTTATCCAGGAGACCGACTATG
Exon 59	CAAACATTTGTTGCCATTC	GCCAGACTGTGATTTTTCTGG
Exon 60	TGCAAAAGGACAGGTTAAAA	GATTCTGCTGTGTTGGAGCA

Exon 61	TGACACCAGGAAGAAACAGC	TTATCCCCGTGACTACATTGC
Exon 62	TTTGGCCATGAGGTTCAAG	TGAAGGGAGTTTTCCCACAG
Exon 63	AGGTTAAAAAGGGGCTAAGT	GGATATCACAGGTGGAGAGAGA
Exon 64	AATCTCGGCTCACTGCAAG	AGTGCCTTTTCAAATTGTGC
Exon 65	TGCTTTTGGTTGCCAATTTC	ACCGTAGAGCAACTGAGAACAG
Exon 66	TGTAGGAGGTGGGATCTTGG	CTGGGGAGTGCCAGGTAG
Exon 67	GAGCAGTTTCCTGCAAATGG	TCCCCACAAGAAAATCCTTC
Exon 68	GTTTGGATTGGTTCGGTTTG	CGTAAAGCTGGGGAACAGAG
Exon 69	CGTCATAACTTGCTTTGGAATC	CAACACTTGGCACAATTTCTTC
Exon 70	ATCAAATAGCAGGGCCAGAG	CCTCTCTTGGTCCCCACAC
Exon 71	GCTGCTAAATTCTGTAGGTGACA	TAAGTGCTCAGAGGCGAGTG
Exon 72	TGAGGCTTCTGAGGCTTAG	CTGCCAAACAGAACCAAGTG
Sscp Exon 43	TGCTTCCACGCATATATCACA	CATAAAGCCACTGAGTTCCTGA
Sscp Exon 61	GTGTGCAGCTGTCACTGGTT	TGAGGTGGAGCTTCCAGAGT