

Supplementary Table S1. PCR primers used in this study

Exon	Forward Primer (5'-3')	Reverse Primer (5'-3')	PCR Annealing Temperature (°C)	Product Size (bp)
<i>ABCA4</i>				
Ex 3	CCTGCTTGGTCTCCATGAC	ACGTGAAGGGGTGTGCAAC	57	249
Ex 8	GAGCATTGGCCTCACAGCAG	CCCCAGGTTTGGTTTCACC	54	400
Ex 15	AGGCTGGTGGGAGAGAGC	GGACTGCTACGGACCATTC	56	373
Ex 33	TTCATGTTTCCCTACAAAACCC	AAAATCCTACTCAAATCTCCAG	58	228
Ex 45	CTTGTCTTCTCCAAATGGCA	TTTAAGCCCTTGGTGCGGC	51	208
<i>CHM</i>				
Ex 7	AGTTATATCATTAGGAAGCAG	TTGGAGAGCACTACTTAATG	55	203
<i>CNGB3</i>				
Ex 10	AAGGGGTTGCTGGTGAC	CATTGAATGGGTTATGACAGC	60	330
Ex 15	TTTCACATGATATGTTCAACCC	CTTTTCCTTAGGTCGCTTTGG	60	119
<i>NMNAT1</i>				
Ex 5.1	AAAGTAAACCCCTTCCACTTG	ACCAAGTAGCGAATGCTCTG	58	358
Ex 5.2	TATGAATCGGATGTGCTGTG	TGTGCCAGACGATTTTTAC	54	384
<i>RP1</i>				
Ex 4.3	CTGTGATTGGCAGTGTGACC	TGCATCTGCTGAAATAGGACTG	60	425
Ex 4.12	CATTTCAGAATTGGAATCTTTTG	CTCTTGGGTAAGTTCGCCAC	60	478
Ex 4.14	CAGGAATTCAGGAGGAAAG	CAGGTTTCATTGCGAACATC	60	446
<i>USH2A</i>				
Ex 11	TGGCAGGTAGAGATGAAAGG	GCAAATGCAGTCTTCAATTCATC	55	371
Ex 52	TGGGAAGCTGCAAAACTG	GGCCTCAAAGTATGATGGAATG	55	564