

**Supplementary Table 2.**

<b>Mutants</b>	<b>Forward primers(5'-3')</b>	<b>Reverse primers(5'-3')</b>
c.137A>C	ATCATCGTGGATGCCCTGCGCCCTCC	GGAGGGGCGCAGGGCATCCACGATGAT
c.142C>T	GTGGATGACCTGTGCCCTCCCTGG	CCAGGGAGGGGCACAGGTCATCCAC
c.254C>T	AGCAGTGTGCGTCCCGAGCCGCG	CGCGGCTCGGGACGCACACTGCT
c.311A>T	CCACCCGCCTGTACGTCTCAACTCCTACTG	CAGTAGGAGTTGAAGACGTACAGGCGGGTGG
c.454A>C	ACCATACCGATGATTCTCGTATCGCTGGTCTTTTC	GAAAAGACCAGCGATACGGAGAATCATCGGTATGGT
c.589C>T	CCGAGGGCACCTTGTCTGACAAACAGAGC	GCTCTGTTTGTGAGACAAGGTGCCCTCGG
c.778C>T	GGTCCCTGATGGCCTATCCCTGTGGC	GCCACAGGGGATAGGCCATCAGGGACC
c.797C>G	CTGTGGCCTACAACCGCTGGATGGACATCAG	CTGATGTCCATCCAGCGTTGTAGGCCACAG
c.817C>T	GGATGGACATCAGGCAATGGGAAGACGTCCA	TGGACGTCTTCCATTGCCTGATGTCCATCC
c.851C>T	CCTTAAACATCAGTGTGCTGTATGGTCCAATTCCTGT	ACAGGAATTGGACCATACAGCACACTGATGTTTAAGG
c.998C>T	AGCACCATCATTGCATTTACCTTGGATCATGGGTGG	CCACCCATGATCCAAGGTAATGCAATGATGGTGCT
c.1106C>G	CTGGAAGGACGGCTTGACTTCCGGAGGC	GCCTCCGGAAGTCAAGCCGCTCTCCAG
c.1400C>T	GCCTATAGCCAGTATCTCCGGCCTTCAGAC	GTCTGAAGCCGGAGATACTGGCTATAGGC
c.1402C>T	CTATAGCCAGTATCCCTGGCCTTCAGACATCC	GGGATGTCTGAAGGCCAGGATACTGGCTATAG
c.1403G>A	ATAGCCAGTATCCCCAGCCTTCAGACATCCC	GGGATGTCTGAAGGCTGGGGATACTGGCTAT
c.1478G>A	GATCATGGGCTATTCCATACACACCATAGACTATAGGTATA	TATACCTATAGTCTATGGTGTGTATGGAATAGCCCATGATC
c.1499C>T	ACGCACCATAGACTATAGGTATATTGTGTGGGTTGG	CCAACCCACACAATATACCTATAGTCTATGGTGCGT