

>1st_BASE_3853341_NABILA_ABCG2_GLprimer2

AAAAAGGTTACGTAACCGGAATGCCAAGCTTACTTAGATCGCAGATCTCGAG
CCCGGGCTAGCACGCGTAAGAGCTCTCGAGTCTATGATCAAAAAGCGTTATTA
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CTGTGCTTCATCAGCGTTTATACACAAACATTAATCAGCATGTACAAGAGTGTA
TTTTAGGTATCCAAAATACAGTGTGCGTACTGTGGTGTGAAGCTCATGAGG
CAGCATCAACGCAACATCTTTGGCGTGATTATGCTTTAAAGTCACTTCAGTACT
ATGAAGATATCAAACCTTGAGAATTAACCGAATAACACTGCATTAGCCGATTAT
CATCAACATTAATATGCAGCCTGTTAAATTAATAGTGATAGCCATAATTTAAAT
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GATGAATCAAATTAATGGTATGAGTCTGTTGAACTTATGTTAACCTGACTTAAA
ACGGCTTGTGTAACCTATAAAAATTAAGTTAGAACATGATTAACCTAGTTTACTG
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GAGGCCCTATATAAGCACCTCCAGCCATGGAGCCCAAGTGCTGAAATCCACCC
TTTCTACAGTTATTTAATAAGTATTTATTTTGCTGCTTTTTTAAATATCACTAAA
TCTTCATTTCTATATTTAATCTTGCTGAAATCTCTACATTTTAAATTGGTGT
TCTTAAAGTTTATTTACAACCTAAAAACAATATATTTTTTTAGTAAATGTGACTG
CCGACTGCTTCCTGATTTGACGAGTGGATATTTAGTTTATAATATCATTATT
AAACTACATTATTGACTCTTGCTATACAAAATATGATAGAAAATAATGGTGGT
ACGAATTTCTAATTATACTTCTTGAATTTCTTGCGGCCCTGGATGTCAGG
ATTTGATCTTATTTTTTANGCGTTATTGTTGTTTAAATTTTCAA

Supplementary Figure 1. The sequencing result of mutated *ABCG2* gene promoter from *Danio rerio* was analyzed. The red font colour indicates repeating A nucleotide at the beginning of the sequence. The one highlighted with yellow colour refers to the mutated region while sequences highlighted in blue and purple are forward and reverse primer respectively which are used to amplify DNA sequence. The black font sequence demonstrates the partial fragment of *ABCG2* gene promoter amplified by PCR.