Table S1 The primers and PCR conditions for *SLC16A2* gene

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| **Exon** | **Primer** | **Sequence** | **Annealing temp[°C]** | **Length of product** |
| 1 | 1F1R | CTGTAGCGGCTGCCTGTTGAACGCCTTGCACCTAGTCTCC | 60 | 942 |
| 2 | 2F2R | GACAAGCCTGACCTTAGCTCCCCAGCTCTACGAACTACCAG | 57 | 741 |
| 3 | 3F3R | AGTCCAAGTTTTGCTGATTCCCGCCCTTTCAATGTCTCCCAC | 60 | 795 |
| 4 | 4F4R | CAGGAAAGTAAGCAGTAGGGGAAAGCAGGTGAAATGGAGGC | 57 | 389 |
| 5 | 5F5R | CTAACCATTCAGCCCAACTACTCGAACTGTCAGAAAGCCAAACTCA | 59 | 691 |
| 6 | 6F6R | CTGGATAGGCACTGTGATGGGAGTTTGGAACACCTGGAGC | 55 | 482 |

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| PCR conditions |
| Step | Temperature[°C] | Times | Cycles |
| 1 | 95 | 5min | 1 |
| 2 | 95 | 30sec | 36 |
| 3 | Annealing temp | 30sec |
| 4 | 72 | 50sec |
| 5 | 72 | 10min | 1 |