Table 1 Primers used for Sanger Sequencing

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| **Gene** | **Sequence** | **Primer design** |
| SLC2A2 | c.901C>T | F: TGGCCTGAGTTGTTTCAACC  R: TTCCGGAAAATTGCTGAGCC |
| EIF2AK3 | c.1566\_1569delGAAA | F: GGGAGAGGAACAAACGAAGC  R: CTTTGGTGGAGCAGTAGGGA |
| INS | c.-331C>G | F: GAGGAAGAGGTGCTGACGAC  R: CTTCTGATGCAGCCTGTCCT |
| INS | c.325T>A | F: CCCTGACTGTGTCCTCCTGT  R: GGCTGGTTCAAGGGCTTTAT |
| GCK | c.437T>C | F: GCATCTTCCAGCTCTTCGAC  R: GGGCTACATTTGAAGGCAGA |
| HNF1B | c.1099 A>G | F: CCCTGGTGGCACTAATGTTC  R: ATCAGCTCCAGAGCGACAAT |