**Table S1**   **Primer Sequence**

|  |  |  |  |
| --- | --- | --- | --- |
| Gene | Forward | Reverse | Product length |
| Slc26a1  Slc26a2  Slc26a3  Slc26a4  Slc26a5  Slc26a6  Slc26a7  Slc26a8  Slc26a9  Slc26a10  Slc26a11  18s RNA | AGCACTTGGCATAATGGGCA  TTGGTACATCCCGCCACATC  GGAGGCAAAACACAGGTTGC  CTCAGGGCAACCAAGAACGG  CAGCTTCCCCAAGGTCCTTTT  AACTTGGTTCCGATGCTCCC  TGCTCCCCCAATGAACATCC  GCCACCGGAAACCAGCTAAT  TCTGGTAAACATCCACGCCC  CAGAGAACCTCTCACCCACG  TAGGCCCAAGACTCAGGTGT  AAACGGCTACCACATCCAAG | AGGCTCTTTGGCTTATCTGTTCT  AAAGAAGCCCATTGCTACCTGA  GGCCTAATCCGAGTCCAAGG  GGAAGGATACAGCTCCGCAA  GCATCTCTGGCTTCTGTCCC  CTGCCCACCATCACAGACAT  TTAGACAAGCCACCTGCGTC  CGTGGTGCTTGAAAGTGGTG  TGGTCCCGAACATCTCCTGT  GGGCAAAAGCCATGCCCTG  CCCACGATCACGGTGTAGTC  CCTCCAATGGATCCTCGTTA | 178  257  244  214  128  297  260  201  248  278  186  155 |

Slc26a, solute carrier 26A