**Supplementary Table 1. Primer sequences for qRT-PCR.**

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| **Target** | **Direction** | **Sequence(5'-3’)** |
| *SLC30A2* | Forward | CTGCCTGTTGTTCATGATCCGAGAAGTCGTTGAGATC |
| *SLC30A2* | Reverse | GATCTCAACGACTTCTCGGATCATGAACAACAGGCAG |
| *Cyclin D1* | Forward | ATGGAACACCAGCTCCTGTG |
| *Cyclin D1* | Reverse | CTGCAGGCGGCTCTTTTTCA |
| *P21* | Forward | ATTGAGCTCTAATCCGCCCACAGGAAG |
| *P21* | Reverse | CTCAAGCTTACAAGTAAAGTCACTAAG |
| *P27* | Forward | CGCGAGCTCGAATTAAGAATATGTTTC |
| *P27* | Reverse | TTGACGCGTATGCAACCTTTTAAGCATAGC |
| *Caspase-3* | Forward | GTGGAACTGACGATGATATGGC |
| *Caspase-3* | Reverse | CGCAAAGTGACTGGATGAACC |
| *Caspase-9* | Forward | GAGCAGTGGGGCTCACTCTGAA |
| *Caspase-9* | Reverse | GGAAATTAAAGCAACCAGGCATC |
| *Wnt-3α* | Forward | AGCTACCCGATCTGGTGGTC |
| *Wnt-3α* | Reverse | CAAACTCGATGTCCTCGCTAC |
| *β-catenin* | Forward | CGGTACATGCATGACTGAGAC |
| *β-catenin* | Reverse | GTCACGTGGTACGACGTCAGAT |
| *GAPDH* | Forward | CAAGCTCATTTCCTGGTATGAC |
| *GAPDH* | Reverse | CAGTGAGGGTCTCTCTCTTCCT |