## Supplemental Table 1. The primer sequences for qRT-PCR assay

| Gene name   | Number | Primer                        |
|-------------|--------|------------------------------|
|             |        | **Gene name**                | **Number** | **Primer**                        |
| AFP         | F      |  CTTGGGGCTGCTCGCTATGA         | R          | GCATGTTGATTTAACAAGCTGCT         |
| ATP6V0D2    | F      |  TCTCACCTATATGAGTCAGT         | R          | GGTGCCACTTCCCACAGAATTT         |
| COL22A1     | F      |  CCTAGCGTTCGTTAGAAAGGA        | R          | CCCATCCGTACATAAGAACTCT         |
| EN2         | F      |  CCGGGGTGGGTCTACTGTA          | R          | CCTCTTTGTTCCGGTTCCTCTCT        |
| EYA1        | F      |  CACCCACAGATTTACCTCACCACAC    | R          | GTACGTGGCATAGGCTGTAGC          |
| HOXA13      | F      |  CTGCCCTATGGCTACTTCGG         | R          | CCGGGGTATCCATGACTCT            |
| IGF2BP3     | F      |  TATATCGGAAAATCTACCGAGAGA     | R          | GGACCGAGTAGCTCAACTTCT          |
| IGSF9       | F      |  GAAGCCGTAGAGTTGATCGG         | R          | CAGCCACTCGATGACATGC            |
| ITGAD       | F      |  TCGGTGTATCGACTCTG            | R          | GCAGGAACCTTGTAGTATGAG          |
| KCNG1       | F      |  ATGACCGCTCTTACCCGGGAGAC      | R          | TGATGGCCGCTACGTGATG            |
| MT1X        | F      |  TCCTGAAAGAAGAGCTGCTG         | R          | TGTCTGACGTCCTCTTGTGCA          |
| PGAM2       | F      |  AGAAGCCACCCCTACTAAACTCT      | R          | TCTGGGGAACAACTCCTCCTG          |
| RYR2        | F      |  ACAACAGAAGCTAGTGTACG         | R          | GAGAGGTTTGAGATGACCC            |
| SLC22A2     | F      |  AGACAGTGAGGGCGCTACG          | R          | CATCGTCACCGAGTTAACCTG          |
| STRA6       | F      |  CCACACAGAGACTACTCCTATG       | R          | CAGCACAGAGAAGTTACGAGC          |
| STXBPM6     | F      |  TCCTGGCAACTGAGGTGCA          | R          | TCGATACCATTAACTGCGGA           |
| ZIC2        | F      |  GGCGCAACCTCCAAACAGTA         | R          | TGCCGTCATTAGCAGAAGAAAG         |
| β-actin     | F      |  CATGTACGTTGCTACCCAGG         | R          | TCTCTAAATGTCACGCAGAT          |