**Table S1. qRT-PCR primer sequences**

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|  | **Forward primer (5'-3')** | **Reverse primer (5'-3')** |
| **GAPDH** | CTGGGCTACACTGAGCACC | AAGTGGTCGTTGAGGGCAATG |
| **OCT4** | CCTCACTTCACTGCACTGTA | CAGGTTTTCTTTCCCTAGCT |
| **SOX2** | TTCACATGTCCCAGCACTACCAGA | TCACATGTGTGAGAGGGGCAGTGTGC |
| **NANOG** | RVGAACACAGTTCTGGTCTTCTG | WTCACACGGAGACTGTCTCTC |
| **DNMT** | ATAAGTCGAAGGTGCGTCGT | GGCAACATCTGAAGCCATTT |
| **PAX6** | ACCCATTATCCAGATGTGTTTGCCCGAG | ATGGTGAAGCTGGGCATAGGCGGCAG |
| **TUB3** | TAGACCCCAGCGGCAACTAT | GTTCCAGGTTCCAAGTCCACC |
| **MYH6** | GCCCTTTGACATTCGCACTG | GGTTTCAGCAATGACCTTGCC |
| **BRACH** | CTGGGTACTCCCAATGGGG | GGTTGGAGAATTGTTCCGATGA |
| **FOXA2** | TGGGAGCGGTGAAGATGGAAGGGCAC | TCATGCCAGCGCCCACGTACGACGAC |
| **AFP** | GAATGCTGCAAACTGACCACGCTGGAAC | TGGCATTCAAGAGGGTTTTCAGTCTGGA |
| **TP53** | GCCCAACAACACCAGCTCCT | CCTGGGCATCCTTGAGTTCC |
| **P21** | TGTCCGTCAGAACCCATGC | AAAGTCGAAGTTCCATCGCTC |