

Table S3. Primer sequences used for real time PCR

| Primer         | Sequence (5'→3')*            | Size   | Tm    |
|----------------|------------------------------|--------|-------|
| <i>OCT4A</i>   | F : GCTGGAGCCGAACCCCGAGG     | 150 bp | 68 °C |
|                | R : CACCTTCCCAAAGAGAACCCCAAA |        |       |
| <i>OCT4B</i> * | F : GCCTTTTAAATGCAGTCCCAGG   | 149 bp | 57 °C |
|                | R : TGAACACCTTCCCAAAGAGAAC   |        |       |
| <i>OCT4B1</i>  | F : CTTTCCACCCACCTCCCA       | 169 bp | 60 °C |
|                | R : GGTCTCTGCCTTGCATATCTCCT  |        |       |
| <i>SOX2</i>    | F : GCCAGAAGAGGAGGGAAGC      | 91 bp  | 60 °C |
|                | R : GCGAGGAAAATCAGACGAAGA    |        |       |
| <i>NANOG</i>   | F : CTCTCCTCTTCCTCCTCCA      | 115 bp | 63 °C |
|                | R : TTCCTCCTGTCTGTGCTCTTC    |        |       |
| <i>CDX2</i>    | F : CAGCGGCGGAACCTGTG        | 92 bp  | 63 °C |
|                | R : ACTCGGTATTTGTCTTTCGTCCTG |        |       |
| <i>ACTB</i>    | F : GTGGACATCAGGAAGGACCTCTA  | 131 bp | 63 °C |
|                | R : ATGATCTTGATCTTCATGGTGCT  |        |       |

\*The reverse primer of *OCT4B* was designed to overhang between exon 2 and exon 3 to avoid simultaneous detection of the *OCT4B1* transcript together