

**Table S1.**

<b>Gene</b>	<b>Forward primer</b>	<b>Reverse primer</b>
<b>PTEN</b>	GGCGGAACCTTGCAATCCTCAGTTT	TATCACACACACAGGTAACGGCT
<b>OCT4</b>	ACATCAAAGCTCTGCAGAAAGAACT	CTGAATACCTTCCCAAATAGAACCC
<b>NANOG</b>	CAGCTGTGTGTACTIONCAATGATAGATTT	ACACCATTGCTATTCTTCGGCCAGTTG
<b>SOX2</b>	CTTTTGTTCGATCCCAACTTTC	ATACATGGATTCTCGGCAGACT
<b>UTF1</b>	TCGCTGAACACCGCCCTGCT	CTCCACGTGCTGGTTCAAGGT
<b>DPPA2</b>	AGGCTTCATAGGCATGCTTAC	TGAAGCCTTGCTCTCTTGGTC
<b>DPPA5</b>	AGGTCGTGGTTTACGGCTCCT	ATGGCTTCGGCAAGTTTGAGC
<b>DNMT3B</b>	AAGGTGCGTCGTGCAGGCAG	TCTTGAGGCGCTTGGGTGCG
<b>TDGF</b>	TATTGGCCAGTCTGGTCTGGAACT	ATCAAGAAACACCAGGCCTTGAC
<b>MAP2</b>	CTTCGGCTTATTAACCAACCA	TGGGCCTTTTCTTTGAAATCTA
<b>NEUROD1</b>	GCCCCAGGGTTATGAGACTA	GTGAGTCCTCCTCTGCGTTC
<b>PAX6</b>	CCAGAAAGGATGCCTCATAAA	TCTGCGCGCCCTAGTTA
<b>TUJ1</b>	GTACGAAGACGACCAGGAGG	GGGTTTAGACACTGCTGGCT
<b>FOXA2</b>	GGAGCGGTGAAGATGGAA	TACGTGTTTCATGCCGTTTCAT
<b>GATA4</b>	TCCAAACCAGAAAACGGAAGC	GCCCGTAGTGAGATGACAGG
<b>SOX17</b>	CAGAATCCAGACCTGCACAA	GCGGCCGGTACTTGTAGTT
<b>T</b>	TGCTTCCCTGAGACCCAGTT	GATCACTTCTTTCTTTGCATCAAG
<b>PECAM</b>	TCTGAACTCCAACAACGAGAA	GCAGGGCAGGTTTCATAAATAA
<b>CD34</b>	TGAAGCCTAGCCTGTACCT	CGCACAGCTGGAGGTCTTAT