

Semi-quantitative RT-PCR

Gene	Forward	Reverse	Amplicon
<i>GAPDH</i>	AGCCACATCGCTCAGACACC	GTA CT CAGCGGCCAGCATCG	174
<i>OCT4 endo</i>	GCCTTCCTTCCCCATGGC	CCTCAA AATCCTCTCGTTGT	911
<i>OCT4 exo</i>	TCAAGCCTCAGACAGTGGTTC	CCTCAA AATCCTCTCGTTGT	976

Quantitative RT-PCR

Gene	Forward	Reverse
<i>AFP</i>	TTGACTGCAATTGAGAAACCCA	AAGGCAGGTAGCTGGTTTTCTAAA
<i>T</i>	TGCTTCCCTGAGACCCAGTT	GATCACTTCTTTCCTTTGCATCAAG
<i>TUBB3</i>	CGGTGGTGGAAACCCTACAAC	AGGTGGTGACTCCGCTCAT
<i>DLI1</i>	ATATGCCCAACGAATGCTG	GCTCGGTCTGAACTCGGTTTC
<i>DYRK1A</i>	CCTCTGTTCAAGTGGTGCC	CCGTTTTCCATCTTTGGTC
<i>eEF1</i>	AGCAAAAATGACCCACCAATG	GGCCTGGATGGTTCAGGATA
<i>FOXA2</i>	GGAGCGGTGAAGATGGAAG	TACGTGTTTCATGCCGTTTCAT
<i>GATA4</i>	CTGGCCTGTCATCTCACTACG	GGTCCGTCAGGAATTTGAGG
<i>GFAP</i>	AAGAGATCCGCACGCAGTAT	AGGTCAAGGACTGCAACTGG
<i>GUSB</i>	GAAGTATCAGAAGCCCATTATTCAGA	CAGAGGTGGATCCTGGTGAAA
<i>HES1</i>	AACACTGATTTTGATGCTCTGAAG	CATTTCCAGAATGTCCGCCTT
<i>LIN28</i>	TGTAAGTGGTTCAACGTGCG	CCTCACCTCCTTCAAGCTC
<i>MAP2</i>	AAAGCTGATGAGGGCAAGAA	GGCCCCTGAATAAATTCCAT
<i>NANOG</i>	GATTTGTGGGCCTGAAGAAA	TTGGGACTGGTGGGAAGAATC
<i>NES</i>	GGAAGAGAACCTGGGAAAGG	CTTGGTCTTCTCCACCGTA
<i>NOTCH1</i>	CGGGTCCACCAGTTTGAATG	GTTGTATTGGTTCGGCACCAT
<i>NOTCH2</i>	TCTGCCCTTGACCCATTT	GGTACGCTGTGGTCCACAGAG
<i>OCT4</i>	AGTGCCCGAAACCCACACTG	ACCACACTCGGACCACATCCT
<i>OLIG1</i>	AAGTGACCAGAGCGGATGTTTCGAT	TGAGAGCGAGCACTTCTGCCTAA
<i>OLIG2</i>	GGACAAGCTAGGAGGCAGTG	ATGGCGATGTTGAGGTCGTG
<i>PSD95</i>	ACAAGCGGATCACAGAGGAG	CAGATGTAGGGGCTGAGAG
<i>REST/NRSF</i>	GAGGAGGAGGGCTGTTTACC	TCACAGCAGCTGCCATTTAC
<i>REX1</i>	GAAGAGGCCTTCACTCTAGTAGTG	TTTCTGGTGTCTTGTCTTTGCCCG
<i>S100B</i>	CATCGACGTTTTCCACCAATA	TCGTGGCAGCGAGTAGTAAC
<i>SMA</i>	AATACTCTGTCTGGATCGGTGGCT	ACGAGTCAGAGCTTTGGCTAGGAA
<i>SNAP25</i>	CGATACACAGAATCGCCAGA	CAGCATCTTTGTTGCACGTT
<i>SOX2</i>	GCGAACCATCTCTGTGGTCT	GGAAAGTTGGGATCGAACAA
<i>SYN1</i>	GCAAAATACTTCAAAGGGAAAAAGA	TCTACTTTAATGTCAATTTCTCCATGGA
<i>VIM</i>	GAACGCCAGATGCGTGAAATG	CCAGAGGGAGTGAATCCAGATTA
<i>WNT7A</i>	AAGGTCTTTGTGGATGCCC	GCACTTACATTCCAGCTTCATG
<i>WNT7B</i>	TATCCAGAGAGCAAAGTG	TGTGTTAGTGCCGAGAATC

Supporting Information Table 5. List of primers used in semi-quantitative and quantitative RT-PCR.