

Supplementary Information for

Temporal Gene Expression and DNA Methylation during Embryonic Stem Cell Derivation

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Table S1: The characteristics of primers used in quantitative real time-polymerase chain reaction analysis

Symbol	Gene sequences (5'-3')	Annealing temperature (°C)	Size (bp)	Accession number
<i>Sox2</i>	F: GCTGGGAGAAAGAAGAGGAG R: ATCTGGCGGAGAATAGTTGG	63	180	NM_011443.3
<i>Oct4</i>	F: GCGTTCTCTTTGGAAAGGTG R: CGGTTCTCAATGCTAGTTCCG	62	204	NM_013633.2
<i>Nanog</i>	F: CTGATTCTTCTACCAGTCCCA R: AAACCAGGTCTTAACCTGCTTAT	62	235	NM_028016.2
<i>Rex1</i>	F: TAGCCGCCTAGATTTCCACT R: GTCCATTTCTCTAATGCCAC	62	125	NM_009556.3
<i>Ulf1</i>	F: ACCCTTCGATAACCAGATCC R: GGAAGAACTGAATCTGAGCG	62	219	NM_009482.2
<i>Sall4</i>	F: CCACGAAAGGCAACCTGAAG R: TCTCTTTCCCTCAGCACTCA	63	214	NM_175303.3
<i>Tcf3</i>	F: CAGCAGTGACCAGAACAGT R: GAAGCCAGCCTGACTCAAG	62	195	NM_001164147.1
<i>Dax1</i>	F: CTCTTTAACCCAGACCTGCC R: CAGTGACGACATCGCTATTGA	62	180	NM_007430.4
<i>Dppa3</i>	F: CTTTGTTGTCGGTGCTGAAA R: GTCCCGTTCAAACCTCATTCC	62	100	NM_139218.1
<i>β-Catenin</i>	F: CATCTGTGCTCTTCGTCATC R: ATCCAACAGTTGCCTTTATCA	61	145	NM_007614
<i>Nodal</i>	F: CATCCTACCAACCATGCCT R: CCACACTCCTCCACAATCA	61	169	NM_013611.3
<i>Gapdh</i>	F: GACTTCAACAGCAACTCCAC R: TCCACCACCCTGTTGCTGTA	60	125	NM_008084
<i>Cdx2</i>	F: CTCCGAGAGGCAGGTAA R: CTGTGGAGGCTGTTGTTG	61	109	NM_007673.3
<i>Gata 6</i>	F: CACCACCATCACCATCAC R: AGGTCCTCCAACAGGTCT	62	166	NM_010258.3
<i>Lefty2</i>	F: CAGCCAGAATTTTCGAGAGGT R: CAGTGCGATTGGAGCCATC	61	248	NM_177099
<i>Tet1</i>	F: GACATCCCACAGACCGAAGA R: TTTCACCTCCTCCCAAACCTTACAG	62	146	NM_027384.1
<i>SetDB1</i>	F: CTAATATGGGTGCTGTGAGGA R: AGAGGAGGTATAGGAAGTGGG	61	135	NM_001163642.1
<i>Carm1</i>	F: TTTGCACAGGATAGAAATCCCAT R: AAACAACGGTGACTGGAAGAG	62	183	NM_021531.6