

Table S1. Primer sequences used for qPCR

Gene	Forward sequence (5' to 3')	Reverse sequence (5' to 3')	Amplicon size (bp)
<i>Gapdh</i>	AGGTCGGTGTGAACGGATTTG	TGTAGACCATGTAGTTGAGGTCA	123
<i>Oct4</i>	CAATGCCGTGAAGTTGGAGAAG	GGCTGAACACCTTCCAAAGAGA	179
<i>Nanog</i>	TCTTCCTGGTCCCCACAGTTT	GCAAGAATAGTTCTCGGGATGAA	100
<i>Sox2</i>	GCGGAGTGGAACTTTTGTCC	CGGGAAGCGTGTACTTATCCTT	157
<i>Sox17</i>	GATGCGGGATACGCCAGTG	CCACCACCTCGCCTTTCAC	136
<i>Gata6</i>	GTGGTCGCTTGTGTAGAAGGA	TTGCTCCGGTAACAGCAGTG	105
<i>Brachyury</i>	GCTGGATTACATGGTCCCAAG	GGCACTTCAGAAATCGGAGGG	158
<i>Mixl1</i>	GTCTTCCGACAGACCATGTACC	CCCGCCTTGAGGATAAGGG	160
<i>Pou3f1</i>	TTCAAGCAACGACGCATCAA	TGCGAGAACACGTTACCGTAGA	86
<i>Slc7a3</i>	TTCTGGCCGAGTTGTCTATGTTTG	AGTGCGGTTCTGTGGCTGTCTC	190
<i>Otx2</i>	GAATCCAGGGTGCAGGTATGG	CTGAACTCACTCCCGAGCTG	136
<i>E-cadherin</i>	CAGGTCTCCTCATGGCTTTGC	CTTCCGAAAAGAAGGCTGTCC	175
<i>Nodal</i>	CCTGGAGCGCATTGGATG	ACTTTTCTGCTCGACTGGACA	155
<i>Snai1</i>	CTTGTGTCTGCACGACCTGT	ACATCCGAGTGGGTTTGGAG	167
<i>Pax6</i>	TACCAGTGTCTACCAGCCAAT	TGCACGAGTATGAGGAGGTCT	194
<i>β-catenin</i>	ATGGAGCCGGACAGAAAAGC	CTTGCCACTCAGGGAAGGA	108
<i>Eomes</i>	TCGCTGTGACGGCCTACCAA	AGGGGAATCCGTGGGAGATGGA	210
<i>Wnt3</i>	CTCCTGGCTACCCAATTTG	CTTGACACCTTCTGCTACGCT	165
<i>Bmp4</i>	TGTGAGGAGTTTCCATCACGA	CAGGAACCATTCTGCTGGGG	230
<i>En1</i>	ACACAACCCTGCGATCCTACT	GGACGGTCCGAATAGCGTG	120
<i>Irx6</i>	TGGTGTCTGCAAGTCCAGTG	AGCCGACTGTCATAGGGTGT	118

Table S2. StepOnePlus™ Real-Time PCR run parameters for a 2hr run.

Stage	Step	Temperature (°C)	Duration
Holding	1	95	10 min
Cycling (40 cycles)	1	95	15 s
	2	60	1 min
Melt Curve (continuous)	1	95	15 s
	2	60	1 min
	3	95 (with a ramp rate of 2.8%)	15 s