

	Gene and Primer	Amplicon Size (bp)	Sequence
<i>Mouse</i>	<i>Oct4</i> endogenous Forward Reverse	224 bp	5'-TCTTTCCACCAGGCCCCCGGCTC-3' 5'-TGCGGGCGGACATGGGGAGATCC-3'
	<i>Oct4</i> total Forward Reverse	485 bp	5'-CTGAGGGCCAGGCAGGAGCACGAG-3' 5'-CTGTAGGGAGGGCTTCGGGCACTT-3'
	<i>Sox2</i> endogenous Forward Reverse	297 bp	5'-TAGAGCTAGACTCCGGGCGATGA-3' 5'-TTGCCTTAACAAGACCACGAAA-3'
	<i>Sox2</i> total Forward Reverse	193 bp	5'-GGTTACCTCTTCCTCCCACTCCAG-3' 5'-TCACATGTGCGACAGGGGCAG-3'
	<i>Nanog</i> Forward Reverse	364 bp	5'-AGGGTCTGCTACTGAGATGCTCTG-3' 5'-CAACCACTGGTTTTCTGCCACCG-3'
	<i>β-actin</i> Forward Reverse	236 bp	5'-TGTTACCAACTGGGACGACA-3' 5'-CCATCACAATGCCTGTGGTA-3'
<i>Human</i>	<i>OCT4</i> Forward Reverse	144 bp	5'-GACAGGGGGAGGGGAGGAGCTAGG-3' 5'-CTTCCCTCCAACCAGTTGCCCAAAC-3'
	<i>SOX2</i> Forward Reverse	151 bp	5'-GGGAAATGGGAGGGGTGCAAAGAGG-3' 5'-TTGCGTGAGTGTGGATGGGATTGGTG-3'
	<i>NANOG</i> Forward Reverse	154 bp	5'-TGAACCTCAGCTACAAACAG-3' 5'-TGGTGGTAGGAAGAGTAAAG-3'
	<i>GDF3</i> Forward Reverse	631 bp	5'-CTTATGCTACGTAAAGGAGCTGGG-3' 5'-GTGCCAACCAGTCCCAGGAAAGTT-3'
	<i>DNMT3B</i> Forward Reverse	242 bp	5'-TGCTGCTCACAGGGCCCGATACTTC-3' 5'-TCCTTTGAGCTCAGTGCACCACAAAAC-3'
	<i>β-ACTIN</i> Forward Reverse	174 bp	5'-AGCCTCGCCTTTGCCGA-3' 5'-CTGGTGCCTGGGGCG-3'

Table S1 - Primer sequences used for gene expression analysis by RT-PCR and qRT-PCR.