Supplementary information, Table S3 Primers used in this study

Gene	Accession No.	Primer Sequence	Product Size (bp)	Annealing Temp.(℃)
Oct4 (Endo)	NM_013633	GAACAGTTTGCCAAGCTGCTG CCGGTTACAGAACCATACTCG	406	58
Oct4 (Exo)	NM_203289	GACAACAATGAGAACCTTCAGGAGA TTCTGGCGCCGGTTACAGAACCA	196	62
Nanog	NM_028016	AGGACAGGTTTCAGAAGCAGAAGT TCAGACCATTGCTAGTCTTCAACC	165	62
GAPDH	XM_001473623	ACTTCAACAGCAACTCCCACTC TAGGCCCCTCCTGTTATTATGG	286	62
SOX2	NM_177753	GCGGTGCTTTACGATACGTTG CCGAACATCAGAACCGAGCT	124	62
REX1	NM_009556	CAAGAAGAAGCTGAGGGGTAAA CGTGGGTTAGGATGTGAATCTT	314	62
SAL4	NM_175303	GTTAGATGTCAAGGCCAAGGAC GGCGTCTACAGAGAGACTCGAT	320	62
E-RAS	NM_181548	CATGACCCCACTATCCAAGATT CTCTGAATCTCATGGACAAGCA	395	62
KLF4	NM_010637	ATCAGTGTTAGCAAAGGAAGCC TCTTGATAATGGAGAGAGGGGA	380	62
C-MYC	NM_010849	CAGCCCTATTTCATCTGCGA AAACCGCTCCACATACAGTCCT	359	62
FBX15	NM_015798	AAGCATAATGGGCTCAGACACT AACTCACATACCAGATGGGCTT	368	62
Bmi1 (Endo)	NM_007552	CTTACGATGCCCAGCAGCAA ACAGGAAGAGGTGGAGGGAACA	329	62
Bmi1 (Exo)	NM_005180	ACTTACGATGCCCAGCAGC GGACCATTCCTTCTCCAGGT	172	58
Utf-1	NM_009482	CAGATTCAGTTCTTCCACGACG ACTGTTGAGATGTCGCCCAA	264	62
Dppa4	XM_001473768	TATGAGGAAGTCAGCACCACC AAGCAGGAAGAGGGCAATG	270	62
Dppa5	XR_004662	GTATTCCAGGTCCAGTCGCT AGCATCCATTTAGCCCGA	182	62
Ftl-17	XM_001476385	GACCAAGTCACACAACTGCCA GCCGCTCATCTCCTTCAAA	284	62
GATA4	NM_008092	AACCAGAAAACGGAAGCCCAAG TACGCGGTGATTATGTCCCCAT	381	62
SOX7	NM_011446	AACACGCTGCCTGAGAAAAACG AATAGGCTGGAGATGGGGGACA	400	62
MIXL1	NM_013729	TGTACCCAGACATCCACTTGCG CCAGGAGTCCAACTTTGAGCCA	335	62
Foxa2	NM_010446	TACACACACGCCAAACCTCCCT GCTTCCTTCAGTGCCAGTTGCT	335	62
CER1	NM_009887	AGGCAGAAGACAAGCCGGATCT TCTTCATGGGCAATGGTCTGGT	379	62
Brachyury	NM_009309	CCCGGTGCTGAAGGTAAATGTG ATGAACTGGGTCTCGGGAAAGC	363	62
FLT-1	NM_010228	TACGAAAAGTCCGTGTCCTCGC TTTCAGGTCCTCTCCTTCGGCT	432	62
CAD11	N09866	AAGACCCAGATGCTGCCAACAG GCATGATTTCAGGGGGTAGGCT	387	62
KDR	NM_010612	TTTCCTGGGACTGTGGCGAA TGGACTCAATGGGCCTTCCA	283	62
SOX1	NM_009233	CACATGAAGGAACACCCGGA TTAGCCCAGCCGTTGACATG	236	62
Nefl	NM_010910	CGGAAGACGCCACTAACGAGAA CTTCGGCGTTCTGCATGTTCTT	387	62
P16	NM_001040654	AGTCCGCTGCAGACAGACTG	115	59

		GGGTACGACCGAAAGAGTTCG		
P19	NM_009877	CTTGGTCACTGTGAGGATTC	190	59
		CCATCATCATCACCTGGTCCAG		
Nestin	NM_016701	GGCATCCCTGAATTACCCAA	248	62
		AGCTCATGGGCATCTGTCAA		
STAT3	NM_213660	GTGTCAGATCACATGGGCTAAA	409	62
		ATGTCGGGGTAGAGGTAGACAA		
Dppa3	XM_885629	AGAGGACGCTTTGGATGA	227	62
		CTTTCAGCACCGACAACA		
Tcl-1	NM_009337	TGCCCGTAGTCATCAAGA	233	62
		CCGAGTCTATCAGTTCAAGC		
Gli1	NM_008130	GCAGGTCATCCTTGCTGTGA	165	62
		GCTTGCTTTCATCTTTGTCCGC		

Gene	Primer Sequence
ChIP-Sox2	CATTGGAGAGGTTCAGACTA
	CTGCCCCAGGTTCTCCTTAAG
ChIP-Oct4	ATCCGAGCAACTGGTTTGTG
	CAATCCCACCCTCTAGCCTT
ChIP-Nanog	TCTTTAGATCAGAGGATGCCCCCTAAGC
	AAGCCTCCTACCCTACCCACCCCCTAT
ChIP-β-actin	TCGATATCCACGTGACATCCA
	GCAGCATTTTTTTACCCCCTC
Bisulfite-Nanog	TCGATATCCACGTGACATCCA
	ACCAAAAAAACCCACACTCATATCAAT
Bisulfite-Oct4	GGTTTTTTAGAGGATGGTTGAGTG
	TCCAACCCTACTAACCCATCACC