

Table S1 Details of primers for bisulfite sequencing and quantitative real-time PCR

Gene	Primer sequence (5'-3')	Length (bp)	Accession number
Bisulfite sequencing			
Oct4 (Region I)	Outer		
	F:ATTAGATTTGTGTGAGGATTTGAGAG	409	
	R:AAAACCCAATAAAACCAAAACTCTC		NC010449
	Inner		
Oct4 (Region II)	F:GAAGAGGGGTTTAATATTTGG	288	
	R:CCCAATCCCACCCACTAA		
	Outer		
	F:GGGGGATTTGTATTAAGGG	529	
Oct4 (Region II)	R:CTAAACACCAACCCCACTC		NC010449
	Inner		
	F:GAGGTTAAGGTTAGTGGGTG	229	
	R:AACCCTTAAAACTCAACCA		
Thy1 (Region I)	Outer		
	F:GTTAATTAAAATTAGATGTTAGTTTT	320	
	R:TCTACCCTATCTTATTTTTACAAAC		NC010451
	Inner		
Thy1 (Region II)	F:GGTTTGGGAAGGAGTTGAT	202	
	R:AACACAAAACAAATAACCTAACC		
	Outer		
	F:GGTAGGGAGGTTATGGAAGTTA	497	NC_010451

	R:TAAATTCATTTACATTATAATACAAC		
	C		
	Inner		
	F:GGAAAGGTTTTGGTTTTAAGG		
	R:TCCAAAAC TCTTAACATCCTACA	395	
	Outer		
	F:TATTGAGAGGTGGGAGGGGA		
Thy1	R:ACCCTCTCTCCCTTAATCACC	330	
(Region	Inner		NC010451
III)	F:GTTTGGTAGTAAATGTGGGTA		
	R:CTTAATCACCCCTACCTTCTA	232	
Quantitative real-time PCR			
	F:GAAGGTGTTTCAGCCAAACGAC		
Oct4	R:CGATACTTGTCCGCTTTC	185	NM001113060
	F:CCTCCATGGATCTGCTTATTC		
Thy1	R:CATCTGCTGGAGGCTGAGGT	209	NM001129971
	F:AACCAGAAGAACAGCCCAGAC		
Sox2	R:TCCGACAAAAGTTTCCACTCG	155	NM001123197
	F:CCTCCATGGATCTGCTTATTC		
Nanog	R:CATCTGCTGGAGGCTGAGGT	209	NM001129971
	F:AGATGTACTTAAACAGGGACATTTG		
Col5a2	GA	124	NM001105289
	R:GTTATGGGGTCAGCACATTC AAGC		
	F:GCGTCTTGCAGGCTGGTCAGTA		
Dnmt1	R:CTTCTTATCATCGACCACGACGCT	152	NM001032355

Dnmt3a	F:ATGTGGTTCGGAGACGGCAAGT	195	NM001097437
	R:GCTCTCGTCGTTGTCATGGCA		
	F: GACTGTGTGGAGGCAGATGATGTA		
Hat1	R:GAGAACCGAGTATGTATGGAGTAAG	150	XM005671969
	G		
Hdac1	F: GCTGGCAAAGGCAAGTATTATG	139	XM005665200
	R: CACACTGTAAGACGACCGCAC		
18s	F:AATCTCGGGTGGCTGAACGC	143	NR002170
	R:CCGTTCTTAGTTGGTGGAGCGAT		
