

**Supplementary Table 1.** Detail of primers for quantitative real-time PCR

Gene	Primer sequence (5'-3')	Length (bp)	Accession number
<i>Dnmt1</i>	F:GCGTCTTGCAGGCTGGTCAGTA	152	NM_001032355
	R:CTTCTTATCATCGACCACGACGCT		
<i>Dnmt3a</i>	F:ATGTGGTTCGGAGACGGCAAGT	195	NM_001097437
	R:GCTCTCGTCGTTGTCATGGCA		
<i>Thy1</i>	F:AACCCTACCATTGGCATCGCT	143	NM_001146129
	R:TGAATGGGCAGGTTGGTGGT		
<i>Col5a2</i>	F:AGATGTACTTAAACAGGGACATTTG GA	124	NM_001105289
	R:GTTATGGGGTCAGCACATTCAAGC		
<i>Oct4</i>	F:GAAGGTGTTTCAGCCAAACGAC	185	NM_001113060
	R:CGATACTTGTC CGCTTTC		
<i>Nanog</i>	F:CCTCCATGGATCTGCTTATTC	209	NM_001129971
	R:CATCTGCTGGAGGCTGAGGT		
<i>Sox2</i>	F:AACCAGAAGAACAGCCCAGAC	155	NM_001123197
	R:TCCGACAAAAGTTTCCAACCTCG		
<i>Eif1a</i>	F:AGATGAGGCTAGAAGTCTGAAGGC	113	NM_001243218
	R:CAATGTCATCAAACCTGGATTTTCATC		
<i>ATP1b1</i>	F:CCACCAGGATTAACACAGATTCC	185	NM_001001542
	R:TCTTTGAGTTCGCTGGGCAC		
<i>Cdx2</i>	F:GACAAGGACGTGAGCATGTATCC	220	XM_003130908
	R:CGTAGCCGTTCCAGTCCTCG		
<i>18s</i>	F:AATCTCGGGTGGCTGAACGC	143	NR_002170
	R:CCGTTCTTAGTTGGTGGAGCGAT		