

Table S4. primer sets for PCR reactions

	Forward (5' to 3')	Reverse (5' to 3')	
	mqActb	CATTGCTGACAGGATGCAGAAGG	TGCTGGAAGGTGGACAGTGAGG
	mqGapdh	CATCACTGCCACCCAGAAGACTG	ATGCCAGTGAGCTTCCCGTTCAG
	mqGata4	GAGCTGGCCTGCGATGTCTGAGTG	AAACGGAAGCCCAAGAACCTGAAT
	mqGata6	TGAGGTGGTCGCTTGTGTAG	ATGGCGTAGAAATGCTGAGG
	mqNanog	GAACGCCTCATCAATGCCTGCA	GAATCAGGGCTGCCTGAAGAG
	mqOct4	CAGCAGATCACTCACATCGCCA	GCCTCATACTTCTCGTTGGG
Primer for qRT-PCR	mqRex1	GAGACTGAGGAAGATGGCTTCC	CTGGCGAGAAAGGTTTTGCTCC
	mqSall4	CAATAGCCAAGCCGGAAGTGTC	AAAGGTGGGCTGTGCTCGGATA
	mqSox17	GTCAACGCCTTCCAAGACTTG	GTAAAGGTGAAAGGCGAGGTG
	mqSox2	AACGGCAGCTACAGCATGATGC	CGAGCTGGTCATGGAGTTGTAC
	mqEsrrb	GTGGCTGAGGGCATCAATG	AACCGAATGTCGTCCGAAGAC
	mqLin28a	CCGCAGTTGTAGCACCTGTCT	GAAGAACATGCAGAAGCGAAGA
	mqDppa2	GCGTAGCGTAGTCTGTGTTTG	TCAACGAGAACCAATCTGAGGA
Primer for bisulfate sequencing	mOct4-bs	GGAGTGGTTTTGAAATAATTG	TCCAACCCTACTAACCCTACCC
	mNanog-bs	GATTTTGTAGGTGGGATTAATTGTGAATTT	ACCAAAAAACCCACACTCATATCAATATA