

Table S2. qPCR primers and probes

Target gene	Forward sequence 5' to 3'	Reverse sequence 5' to 3'	Probe sequence 5' to 3'
<i>ACT1NB</i>	CCCTGGACTTCGAGCAAGAGAT	AAGGTAGTTTCGTGGATGCCACA	SybrGreen
<i>DNMT1</i>	CCTCAGCTACTGCGACTACT	GCACTCATGTCCTTACAGATGT	ATGGTCCTGAAGCTCACCTCC
<i>MAGEA1</i>	GCCGAAGGAACCTGACC	ACTGGGTTGCCTCTGTCG	TGTGTGCAGGCTGCCACCTCCT
<i>MAGEA3</i>	GTCGTCGGAAATTGGCAGTAT	GCAGGTGGCAAAGATGTACAA	AAAGCTTCCAGTTCCTT
<i>CTCF1</i>	CCCTCATTACAGACCAGAA	CTGATCCACACTTCTCCGAA	CCGACAGAAGCAACTTCTAAACGCT
<i>CDCA7L</i>	CTATGGGGAGGATGTCAGAT	GGTGGCTGGTTCTGTTTGT	TGTTAAGGAATATCTGGAGAGCTTACAAA
<i>CDCA7</i>	CACTGGGCTCTACTTGTATC	GCAGATTCCTCGACAAGGCG	SybrGreen
<i>ASF1B</i>	GGACGACCTGGAGTGGAAGAT	CATCAGTCTCTGGGATGAGGGA	SybrGreen
<i>CCNB1</i>	CATGCAGAATAATTGTGTGCC	AGGAAGTGCAAAGGTAGAGGC	SybrGreen
<i>PWP1</i>	AAGGGCTTCGGGTCTGGGATA	GTGGTGCCACCGCAGTTGCA	SybrGreen
<i>KIF5B</i>	GCTTGATGACAAGGATGAAGAA	GCTTGAAGGCGATTCAGCTCA	SybrGreen
<i>CEP70</i>	TCAGGTGCTGTGTAGCATCAA	GCCAAGGTACCAGTTCTGCAGATA	SybrGreen
<i>d2EGFP</i>	ACGACGGCAACTACAAGACC	CTCAGGTAGTGGTTGTCGGG	SybrGreen
<i>NEO</i>	TAAC TAGTATGATTGAACAAGATGGATTGCA	TATGCGCCGCTCAGAAGA AACTCGTCAAGAA	CGGTGCCCTGAATGAACTGCA