

S3 Table. Primers used for qPCR reactions

Name of primer	Sequence of primer
DNMT1-sense	5'-GAAGGGAGACGTGGAGATG-3'
DNMT1-antisense	5'-ATGGAGCGCTTGAAGGAGAC-3'
DNMT3B-sense	5'-GCCGGCTCTTCTTCGAATTT-3'
DNMT3B-antisense	5'-GAAGTATCGGGCCCTGTGAG-3'
HDAC1-sense	5'-CGAATCCGCATGACTCATAA-3'
HDAC1-antisense	5'-TCTCTGCATCTGCTTGCTGT-3'
HDAC2-sense	5'-TGGTGTCCAGATGCAAGCTA-3'
HDAC2-antisense	5'-TGATCAGCCACATTTCTTCG-3'
HDAC3-sense	5'-TGCAAGGCTTCACCAAGAGT-3'
HDAC3-antisense	5'-AACTTCTTGGCATGGTGCAG-3'
HDAC8-sense	5'-TCTGCCAAACCCTTTTCCTT-3'
HDAC8-antisense	5'-TCCAGTTCCTGCTCCTCTGA-3'
POLR2A- sense	5'-GCACCACGTCCAATGACAT-3'
POLR2A- antisense	5'-GTGCGGCTGCTTCCATAA-3'