

Table-S1. List of primer sequences.

Primer Name	Sequence
Gene Expression Primers	
GAPDH-F	GAAGGTGAAGGTCGGAGT
GAPDH-R	GAAGATGGTGATGGGATTTC
DNMT1-F	CCCCTGAGCCCTTACCGAAT
DNMT1-R	CTCGCTGGAGTGGACTTGTG
DNMT3A-F	GACAGAGGCACCGTTCAC
DNMT3A-R	AGGGCATGGCGGGCATCT
DNMT3B-F	CCCGACTCTTACCTTACCATCG
DNMT3B-R	GGTCCCCTATTCCAAACTCCT
ADHFE1-F	TGCTGGTGTTTCATCTGTGCCAT
ADHFE1-R	TTCCGGAGCGTGTCTGCCAAC
ALDH1A2-F	GGATGACCATTCTGTAGATGGAGA
ALDH1A2-R	GCTATTGCTGCCCCAGCCGTTG
miRNA Expression Primers	
Universal Reverse	GTGGAGGGTCCGAGGT
RNU-44-RT	GTTGGCTCTGGTGCAGGGTCCGAGGTATTCGCACCAGAGCCAAC
RNU-44-F	AGTCAG
miR-30a-RT	GCCCTGGATGATGATAGCAA
miR-30a-F	GTTGGCTCTGGTGCAGGGTCCGAGGTATTCGCACCAGAGCCAAC
miR-379-5p-RT	CTTCCA
miR-379-5p-F	CCGCTTGTAACATCCTCGAC
	GTTGGCTCTGGTGCAGGGTCCGAGGTATTCGCACCAGAGCCAAC
	CCTACG
	GGGTGGTAGACTATGGAA
Cloning Primers	
DNMT1-3'UTR-F	CCGCTCGAGGGAAGCTGCTAAGGACTAGTT
DNMT1-3'UTR-R	GCTCTAGAGGTTTATAGGAGAGATTTATTTGAAG
DNMT3B-3'UTR-F	CCGCTCGAGGACTACTTTGCATGTGAATAG
DNMT3B-3'UTR-R	GCTCTAGAAGACAAATACTGATTTTAATTAAAC
DNMT3B-3'UTR-Mt-miR379-F	CCCTTGATGGGCGTACCACTCAGAGAAACAATGGCTAAGATACC
	A
DNMT3B-3'UTR-Mt-miR379-R	GTGGTACGCCCATCAAGGGAAAAAAAAAAAAAGCCACGTTGCTAC
	CTAC
DNMT3B-3'UTR-Mt-miR30a-1F	TACTGCTCTGCCTCTACAGACGTGTGCAGTTGTAGGCATGTAGC
DNMT3B-3'UTR-Mt-miR30a-1R	CTACAACCTGCACACGTCTGTAGAGGCAGAGCAGTAGCCAGTTTT
	C
DNMT3B-3'UTR-Mt-miR30a-2F	CTATTTTATAGCTCTAACGTTTTTCATTAAAATTTTTTTTGTAACTGG
DNMT3B-3'UTR-Mt-miR30a-2R	GAAAACGTTAGAGTTAAAAATAGAAGTTTGAGATTTTAAAAAGT
	G
DNMT3B-3'UTR-Mt-miR30a-3+4F	TAGAGCTCACCTTATGCTCAATTAAAATCAGTATTTGTCTTCTAGA
	GTC
DNMT3B-3'UTR-Mt-miR30a-3+4R	TAATTGAGCATAAGGTGAGCTCTAGGCATCCGTCATCTTTTCAG