

Table S2. Pyrosequencing primers

Gene name	Annealing Temp (°C)	Forward primer	Reverse primer	Sequencing primer	Product size
DNMT1	61	5'- TGGGGGAGGAATTA-3'	5'- AACTTTCTCCCCACACC-3'	5'- TTGTGTAGAAATGGAA-3'	230
DNMT3A	61	5'- GGAGAGGGTGAGAAGG-3'	5'- TATCCCCCCCCCAATT-3'	5'- GTTTGTTGTTAGGAGT-3'	196
DNMT3B	61	5'- GGGGATAGGAGAAGGG-3'	5'- TCCTCACCTCCCTTA-3'	5'- GTTTGTTGTTAGGAGT-3'	80
DNMT3L	60	5'- GGAGAGGAATAGAGTG-3'	5'- AAAAATAACCCCTTCT-3'	5'- CCTCCATTCCAATACA-3'	72
TET1	61	5'- GGGTTTAGGTTGTGG-3'	5'- CCCCAACTCCACCTAC-3'	5'- TTAAAGTTGTGGGGAT-3'	81
TET2	61	5'- TGGTGAGGGGTGTTAG-3'	5'- CCCTTTAAATACACT-3'	5'- CACTCCACCACCACT-3'	150
TET3	61	5'- TTGGGATAGGGGTTAG-3'	5'- CCACTCCCTAATCTAT-3'	5'- GATAGGGGGGTTAGT-3'	88