

## Supplementary Data 6. Primers for CHIP assay

HRE	Site	Primer
1	-1842 -1836 ...T <b>CACGCT</b> ...	Forward: AGGCCTAAACCATGCAGACC Reverse: AGGAAAACCTCAGGACAGCG
2	-1755 -1749 ...G <b>CGTGT</b> ...	Forward: CGATAGCGTGTGGGCTGATT Reverse: AGGTGGGATTGTTACAGTGCT
3	-1516 -1511 ...G <b>GTGCT</b> ...	Forward: TGCCAGTTTTGTTGGCTG Reverse: TGAGAATGCCAGCCCTACCT
4	-1218 -1212 ...G <b>CACGT</b> ...	Forward: TGTGGCTGAGAAAATGCCCT Reverse: CACATACTAGCACCCGGAGG
5	-457 -452 ...T <b>GTGCC</b> ...	Forward: TAAAGCTCGCCAAAAAGGTCT Reverse: AGGAAGCATAAGCAAGGGCT
6	-265/-259 ... <b>CCACGCC</b> ...	Forward: AGAGGGTTGCCATCTCTGGA Reverse: CCCCTGAAATGGAGGCTCAG
7	-64/-58 ...G <b>CACGTC</b> ...	Forward: GACAGCGGTGCCATTCATCA Reverse: CTCCTCAGGGCTGGTCACAA
MAFF	-	Forward: AGAGCGGAGGGGAGACTG Reverse: GTTCTCACCCGCTTCTG
DMT1A	-	Forward: TTCAGTGTGGCACGTACTGAG Reverse: GGAGGAATTGTATTCTGCCAC