

S5 Table. List of PCR primers.

Primer name	Sequence
Genotyping	
<i>Uhrf1</i> exon 3F	5'-AAGACTGTGTGGGAGGACAC-3'
<i>Uhrf1</i> intron 3R	5'-AAGTGATGTGGTCACAGAGG-3'
<i>Uhrf1</i> exon 6R	5'-TGTTGAGCTGAGAGTCATTC-3'
<i>Dnmt1</i> exon 3F	5'-AGCCAGTTGTGTGACTTGG-3'
<i>Dnmt1</i> exon 4R	5'-CTTGGGCCTGGATCTTGGGGA-3'
<i>Dnmt1</i> intron 5R	5'-ATGCATAGGAACAGATGTGTGC-3'
Cre F	5'-GCAGAACCTGAAGATGTTCGCGAT-3'
Cre R	5'-AGGTATCTCTGACCAGAGTCATCC-3'
RT-PCR	
<i>Dnmt3a</i> exon 9F	5'-GCCGAATTGTGTCTTGGTGGATGACA-3'
<i>Dnmt3a</i> exon 10R	5'-CCTGGTGGAAATGCACTGCAGAAGGA-3'
<i>Dnmt3b</i> exon 3F	5'-TTCAGTGACCAGTCCTCAGACACGAA-3'
<i>Dnmt3b</i> exon 4R	5'-TCAGAAGGCTGGAGACCTCCCTCTT-3'
<i>Dnmt3L</i> exon 10F	5'-GTGCGGGTACTGAGCCTTTTTAGA-3'
<i>Dnmt3L</i> exon 11R	5'-CGACATTTGTGACATCTTCCACGTA-3'
<i>Dnmt1</i> exon7 Fwd	5'-CCTAGTTCCGTGGCTACGAGGAGAA-3'
<i>Dnmt1</i> exon8 Rev	5'-TCTCTCTCCTCTGCAGCCGACTCA-3'
<i>Uhrf1</i> qEx2F (exon 2)	5'-CGTGA ACTCTCTGTCCAGGT-3'
<i>Uhrf1</i> qEx3R (exon 3)	5'-GTCATTGAGGCGCACATCAT-3'
<i>Uhrf1</i> F2 (exon 12)	5'-GCATCTACAAGGTGGTGAAG-3'
<i>Uhrf1</i> R2 (exon 13)	5'-AGGCTCTGTGTCATCTCGTC-3'
<i>Gapdh</i> F1	5'-ATGTTTGTGATGGGTGTGAAC-3'
<i>Gapdh</i> R1	5'-CATTGTCATACGGAAATGAGC-3'