

Supplementary table 1. The primers and PCR amplification condition of six MSI loci.

MSI markers	Forward primer	Reverse primer	Amplification condition
BAT25	5'- HEX -GAGTTGGCCCTAGACTTAG A-3'	5'-TCCAAAGAGACAGCAGTT GG-3'	
BAT26	5'- FAM -TGCAGCAGTCAGAGCCCTT A-3'	5'-GCTTCTTCAGTATATGTCAA TGAAAACA-3'	95°C for 5 mins; 30
NR21	5'- FAM -TGAATAAGCCACTGCCTGG T-3'	5'-CCGCATTCACACTTTCTGG T-3'	cycles of 94°C for 30s, 61°C for 1 min and
NR24	5'-TMR-TCCTGACTCCAAAA ACTCTTCTCTT-3'	5'-GCATTCCAACCTGGGTGAC AGAGTG-3'	70°C for 1 min; 60°C for
NR27	5'- HEX-GATGTTTCTCCTGCCA CCTG-3'	5'-TCAACAGCAGAGACCTTGT CA-3'	30 mins
MONO27	5'-TMR-CCAGCGTGGGAGAC AGAGCAAGACT-3'	5'-TGCTAACATTCTAAGGCTAT -3'	