

Supplementary Table 1

Splinkerette-PCR	
HMSpAa	5'-CGAAGAGTAACCGTTGCTAGGAGAGACCGTGGCTGAATGAGACTGGTGTGCGACACTAGTGG-3'
HMSpBb-Sau3A1	5'-GATCCCACTAGTGTGCGACACCAAGTCTCTAATTTTTTTTTTCAAAAAA-3'
HMSp1	5'-CGAAGAGTAACCGTTGCTAGGAGAGACC-3'
HMSp2	5'-GTGGCTGAATGAGACTGGTGTGCGAC-3'
PB3'-1	5'-TAAATAAACCTCGATATACAGACCGATAAA-3'
PB3'-2	5'-ATATACAGACCGATAAAACACATGCGTCAA-3'
PB3'-seq	5'-TTTTACGCATGATTATCTTTAACGTACGTC-3'
PB5'-1	5'-CAAAATCAGTGACACTTACCGCATTGACAA-3'
PB5'-2	5'-CTTACCGCATTGACAAGCACGCCTCACGGG-3'
PB5'-seq	5'-TTAGAAAGAGAGAGCAATATTTCAAGAATG-3'
Genomic PCR	
Msh2-int7-U	(Chr17:88095310) 5'-ACTACCTTGTGCAGACAAGGACAGGGCTCA-3'
Msh2-exon8-D	(Chr17:88095915) 5'-CTGATCCATATCTAAAGTTGTTTCTATCAT-3'
Pms2-int5-U	(Chr5:144676793) 5'-TTCCTAACCCCTGGAGTTCATGAATTTTAGT-3'
Pms2-exon6-D	(Chr5:144677363) 5'-CTGCTTCTGGCCAAACACAGACCCGATATT-3'
MLh-int3-U	(Chr9:111164447) 5'-TGGTCTCCATGAACTTCACACCAC-3'
MLh-int4-D	(Chr9:111163850) 5'-GAGTTCCACCTCATGATCATCCCT-3'
MLh1-int11-U	(Chr9:111146174) 5'-TTAGTGTTACTAGGGAGGACGTTCCCTCAGA-3'
MLh1-int11-D	(Chr9:111145504) 5'-AAAGATTACACATGGAAGGACCCATGGCTC-3'
Msh6-int2-U	(Chr17:88382630) 5'-CTGGGGATTCTAGTGTCTATTGCTACC-3'
Msh6-int3-D	(Chr17:88383068) 5'-AATCCAGGGAGGGGAGATGTCTGC-3'
RT-PCR	
Msh2-ex5-F	(Chr17:88084777) 5'-GTTGCAGTTTTCATCACTATCTGCAGTAATC-3'
Msh2-ex8-R	(Chr17:88095915) 5'-CTGATCCATATCTAAAGTTGTTTCTATCAT-3'
Pms2-ex2-F	(Chr5:144672790) 5'-TACAGAATGTGCTAAGGCCATCAAGCCTA-3'
Pms2-ex6-R	(Chr5:144677363) 5'-CTGCTTCTGGCCAAACACAGACCCGATATT-3'
MLh1-ex1-F	(Chr9:111174002) 5'-GGCGTTTGTAGCAGGAGTTATTCGG-3'
MLh1-ex5-R	(Chr9:111161010) 5'-GGTTGCCTGCACAGGGTTTAGGA-3'
Msh6-ex1-F	(Chr17:88374475) 5'-CGTCAGCCTTCATCATGTCCCGACAA-3'
Msh6-ex4-R	(Chr17:88383870) 5'-GACTTGCCGGCTGCTTCGCCTAGG-3'
5' RACE	
LacZ-GSP1	5'-GGGCCTCTTCGCTATTACGC-3'
LacZ-GSP2	5'-ATGTGCTGCAAGGCGATTAAG-3'
SA-GSP3	5'-GTTGTAAACGACGGGATCCGCCAT-3'
SA-seq	5'-TGTCACAGATCATCAAGCTTATC-3'