

Table S6 - Primers used in qPCR and bisulfite sequencing

Oligonucleotide sequence	Type	Target	5' modification
Biseq			
GGGTATTATTTAGTTTGTGAGTGT	PCR-Forward	ZFR chromosome 1 promoter	Biotinylated
AAAAACTATTCCCATAAATCCAACAC	PCR-Reverse	ZFR chromosome 1 promoter	None
CCCATAAATCCAACACC	Sequencing	ZFR chromosome 1 promoter	None
GTGGAAAGGTATAGATAATTAAGGGTAGT	PCR-Forward	MHM within predicted 2nd exon	Biotinylated
CCCTTATTCTTACAATACTCTACCATCAC	PCR-Reverse	MHM within predicted 2nd exon	None
CCTAAATATAATAAATACTTTTTCC	Sequencing	MHM within predicted 2nd exon	None
ATGATGTTGATGTGGTTATAGTTG	PCR-Forward	MHM Upstream promoter within repeat	None
TCCAATACTTCATCCATAACACTTT	PCR-Reverse	MHM Upstream promoter within repeat	Biotinylated
GTTATTTTTTTTAGTTATTAGATGG	Sequencing	MHM Upstream promoter within repeat	None
qPCR			
CTATCAACAGCCGACAGCAA	PCR-Forward	ZFR chromosome 1 exon 2-3	None
GCTGGGCTTGGGTATATTGA	PCR-Reverse	ZFR chromosome 1 exon 2-3	None
GGAGCCAAGCATCAGAAAGT	PCR-Forward	ZFR chromosome Z exon 7-8	None
GTTTGCCGTGGGAGTAAGAA	PCR-Reverse	ZFR chromosome Z exon 7-8	None
CGCTGCCATCTGGTAACTGG	PCR-Forward	MHM novel gene predicted exon 2-3	None
CCTGGAAAGAAAAGCACTTGGGA	PCR-Reverse	MHM novel gene predicted exon 2-3	None
AACTCTCCGCCTGCCCTTT	PCR-Forward	First EST downstream MHM novel gene	None
CCAGAGGTGTGGTCTGTGG	PCR-Reverse	First EST downstream MHM novel gene	None
TGTCAAACCAGCCGTTTCC	PCR-Forward	Intronic EST between exon 1 and 2 of MHM novel gene	None
TCCACCCTCTCTCCCACT	PCR-Reverse	Intronic EST between exon 1 and 2 of MHM novel gene	None