Table S1. Primers and PCR conditions used for the sequencing (A, B) and genotyping (C) of *Mip*

experiment	primer name	primer sequence (5' - 3')	ID	position (bp)	Product size (bp)	Polymerase or kit (Supplier)	Cycle condition of PCR
A	Mip_gDNA_exon1_F	AAGAGGCAGAGCCAATTACC	ENSMUST00000026455	128225754-	562	AmpliTaq Gold (Thermo)	95°C,10 min → (94°C,30 s; 60°C, 30 s; 72°C, 1min) 40cycles
	Mip_gDNA_exon1_R	ACACACAACCATGAGCAAGC		128226296-			
	Mip_gDNA_exon2_F	AGGCCAGGCTCTTAGATTTATTTT		128226822-	493		
	Mip_gDNA_exon2_R	AGGATTAAAGGTGGAGTAGGAAGG		128227291-			
	Mip_gDNA_exon3_F	ATCAGTGCTACTCTCTACCCTGGA		128227472-	403		
	Mip_gDNA_exon3_R	ATGTATCACCAGACCCAGCTAAG		128227852-			
	Mip_gDNA_exon4_F	TATGCTGTGTTTTCCTGAAGAGTC		128230261-	579		
	Mip_gDNA_exon4_R	GGGGTGGGAAATGACATACA		128230820-			
B	MIP_ORF_EcoRI_F	GAATTCATGTGGGAACTTCGGTCTGCC	NM_008600	67-93	804		
	MIP_ORF_SalI_R	GTCGACTTACAGGGCCTGAGTCTTCAG		844-870			
C	exon4RFLP_F	AAATGCAGCAGGAAGAACAAAAAGC	ENSMUST00000026455	128230191-128230215	575	KOD FX (Toyobo)	94°C, 2 min → (98°C, 10 s; 68°C, 1 min) 40cycles
	exon4RFLP_R	CCACACGCACCCACATTCATATGAAC		128230740-128230765			