

TABLE S1
PCR and sequencing primers

Primer name	Sequence	Comments
MKT1_F2	TGGTGGAAAATCTGGAAAGC	Use with MKT1_R to PCR amplify and sequence the <i>MKT1-30G</i> or <i>MKT1-30D</i> allele
MKT1_R	TTCCATFGTGTCCAGCCTCT	See comments for MKT1_F2
SAL1_F	GGCTTTTATGTTGGGAACG	Use with SAL1_R to PCR amplify and sequence the <i>sal1-1</i> or wild-type allele of <i>SAL1</i>
SAL1_R	GCATATGTTCCCTGGGCTTG	See comments for SAL1_F
CAT5_F2	CCTCCAAACCAATTC AAGGA	Use with iCAT5_R2 to PCR amplify the <i>CAT5</i> genomic locus. The PCR product is to be sequenced with CAT5_F to distinguish between the <i>CAT5-91M</i> and <i>CAT5-91I</i> allele
iCAT5_R2	TGAACCCATACCCCATTTACA	See comments for CAT5_F2
CAT5_F	GCAGAGGCTTTTCCGCTCTTA	Use to sequence the PCR product generated with CAT5-F2 and iCAT5_R2
MIP1_F0	GGTGTTCTGCAAAGTGTC A	Use with MIP1_R to sequence the <i>MIP1-661T</i> or <i>MIP1-661A</i> allele
MIP1_R	TTTGAGCAGTCTTCGTGTGC	See comments for MIP1_F0
COX1_A1_F	GGTATGGCAGGAACAGCAAT	Use with COX1_A2_R to check for the absence of intron a11 in <i>COX1</i> in RM
COX1_A2_R	AGAAAATCATTAATACAGCATGACC AACTACTAAA A	See notes for COX1_A1_F
COX1_A5a_F	TGCTATGGCTTCAATTGGATT	Use with COX1_A6_R to check for the absence of introns a15a, a15b and a15c in <i>COX1</i> in RM
COX1_A6_R	ATTTTCATCCTGCGAAAGCAT	See notes to COX1_A5a_F
21S_rRNA_F	AGGTGTGAACCCCTCTTCG	Use with 21S_rRNA_R to check for the absence of the r1 (omega) intron in RM
21S_rRNA_R	CCATGGGTTGATTCAATTATGG	See notes for 21S_rRNA_F
COX1_a11_F	GCACAGGCAGTGTGAAAAAG	Use with COX1_a11_R to confirm presence of intron a11 in <i>COX1</i> in BY
COX1_a11_R	TCTAAAACCATGTGAATGTGTTGA	See notes for COX1_a11_F
COX1_a15a_F	AAATCCCTTTAGCAAGGATAAAAA	Use with COX1_a15a_R to confirm presence of intron a15a in <i>COX1</i> in BY
COX1_a15a_R	TCCACCTTTTACAAATGAACCA	See notes for COX1_a15a_F
COX1_a15b_F	GGCCCCGAAACTAAAGATA	Use with COX1_a15b_R to confirm presence of intron a15b in <i>COX1</i> in BY
COX1_a15b_R	CGGGCCGGACTAAAATATAA	See notes for COX1_a15b_F
COX1_a15c_F	TGCTCAACGAAAGTGAATCAA	Use with COX1_a15c_R to confirm presence of intron a15c in <i>COX1</i> in BY
COX1_a15c_R	ACAAGTTTTCCCCCGGTAAG	See notes for COX1_a15c_F
omega_F	ATTTACCCCTTGTCCCAT	Use with omega_R to confirm presence of r1(omega) intron in BY
omega_R	CCAATACCTGCTTCAAATTGTTC	See notes for omega_F