

SSR markers used for genotyping at IEB Olomouc.

Fluorophore	Marker	Motif	Primers nucleotide sequence		Annealing temperature	Reference	GenBank accession
			FWD (5'-3')	REV (5'-3')			
6-FAM	mMaCIR01	(GA)20	TTAAAGGTGGGTTAGCATTAGG	TTTGATGTCACAATGGTGTTC	55°C	Lagoda et al. 1998	X87262
6-FAM	mMaCIR03	(GA)10	TGACCCACGAGAAAAGAAGC	CTCCTCCATAGCCTGACTGC	55°C	Lagoda et al. 1998	X87263
NED	mMaCIR07	(GA)13	AACAAC TAGGATGGTAATGTGTGGAA	GATCTGAGGATGGTTCTGTTGGAGTG	53°C	Lagoda et al. 1998	X87258
VIC	mMaCIR08	(TC)6N24(TC)7	ACTTAT TCCCCGCACTCAA	ACTCTCGCCCATCTTCATCC	55°C	Lagoda et al. 1998	X87264
PET	mMaCIR13	(GA)16N76(GA)8	TCCCAACCCCTGCAACCACT	ATGACCTGTGCAACATCCTTT	53°C	Lagoda et al. 1998	X90745
PET	mMaCIR24	(TC)7	ATCTTTTCTTATCCTTCTAACG	ATTAGATCACCGAAGAACTC	48°C	Lagoda et al. 1998	Z85972
VIC	mMaCIR39	(CA)5GATA(GA)5	AACACCGTACAGGGAGTCAC	GATACATAAGGCAGTCACATTG	52°C	Lagoda et al. 1998	Z85970
6-FAM	mMaCIR40	(GA)13	GGCAGCAACAACATACTACGAC	CATCTTCACCCCCATTCTTTTA	54°C	Lagoda et al. 1998	Z85977
6-FAM	mMaCIR45	(TA)4CA(CTCGA)4	TGCTGCCTTCATCGCTACTA	ACCGCACCTCCACCTCTG	57°C	Lagoda et al. 1998	Z85968
VIC	mMaCIR150	(CA)10	ATGCTGTCATTGCCTTGT	GAATGCTGATACCTCTTTGG	54°C	Hippolyte et al. 2010	AM950440
6-FAM	mMaCIR152	(CTT)18,(CT)17,(CA)6	CCACCTTTGAGTTCTCTCC	TTTCCCTCTTCGATTCTGT	54°C	Hippolyte et al. 2010	AM950442
VIC	mMaCIR164	(AC)14	AAGACAAGTTCCATTGCTTG	GTTCCGGCTTTTCGGT	55°C	Hippolyte et al. 2010	AM950454
NED	mMaCIR196	(TA)4, (TC)17, (TC)3	GCTCCAAACCTCCCTTT	CGATGCCACACTGGAC	55°C	Hippolyte et al. 2010	AM950462
NED	mMaCIR214	(AC)7	CCATTGAGAGATCAACCC	CTATTTGACGTTGGTGGTC	53°C	Hippolyte et al. 2010	AM950480
NED	mMaCIR231	(TC)10	GCAAATAGTCAAGGGAATCA	ACCCAGGTCTATCAGGTCA	55°C	Hippolyte et al. 2010	AM950497
PET	mMaCIR260	(TG)8	GATGTTTGGGCTGTTTCTT	AAGCAGGTCAGATTGTTCC	55°C	Hippolyte et al. 2010	AM950515
6-FAM	mMaCIR264	(CT)17	AGGAGTGGGAGCCTATTT	CTCCTCGGTCAGTCCTC	53°C	Hippolyte et al. 2010	AM950519
NED	mMaCIR307	(CA)6	AGACTTGTATCGCTTGGTAAA	ACGCTGCACCAGTCAA	54°C	Hippolyte et al. 2010	AM950533
PET	Ma-3-90	(CT)11	GCACGAAGAGGCATCAC	GGCCAAATTTGATGGACT	53°C	Crouch et al. 1998	n/a