

A

Marker	Allele No.	Maj. Allele Frequency	Gene Diversity	PIC
RM246	6	0.427	0.704	0.655
RM48	8	0.544	0.644	0.606
RM232	4	0.688	0.492	0.459
RM349	5	0.444	0.625	0.553
RM26	5	0.244	0.797	0.764
RM3	5	0.477	0.688	0.647
RM248	4	0.4	0.689	0.63
RM223	8	0.427	0.711	0.666
RM242	9	0.233	0.832	0.809
RM228	8	0.3	0.792	0.763
RM206	9	0.422	0.727	0.689
RM247	6	0.438	0.704	0.658
Mean	6.416	0.421	0.701	0.658

B

Primer	N	Na	Ne	I	He	F
RM246	68	5	2.41	1.05	0.59	0.95
RM48	71	8	2	1.11	0.5	0.94
RM232	28	3	2.88	1.08	0.65	1
RM349	53	4	1.69	0.81	0.41	1
RM26	73	4	3.92	1.38	0.75	1
RM3	47	4	3.29	1.29	0.7	1
RM248	62	3	2.22	0.91	0.55	1
RM223	76	7	2.69	1.17	0.63	0.96
RM242	74	8	4.95	1.75	0.8	1
RM228	63	7	4.14	1.63	0.76	0.94
RM206	52	8	3.54	1.5	0.72	0.95
RM247	71	5	2.51	1.09	0.6	1
Mean	61.5	5.5	3.02	1.23	0.64	0.98

Table1: SSR marker analysis. Panel 1A: Allele number and frequency, genetic diversity and PIC for 12 SSR markers. Panel 1B: SSR markers and Fixation indices

[N- No. of bands Na- No. of different alleles, Ne- No. of effective alleles, I = Shannon's Information Index, Ho = Observed Heterozygosity, He = Expected Heterozygosity, F = Fixation Index]