

Table 8 Primer sequences, amplicon length, SSR motif and annealing temperature of the 28 markers used for the study

S.N.	Name	Forward primer	Reverse primer	Amplicon length	SSR Motif	Ann.T. °C
1	AVRDC-PP24	AAAGCATGAAATCACCTCC	CGGCAAGAAGATGAAAGTCA	126	(AT)18	52
2	AGi096	GGGAAAGAGAAATTGTGAAAGCA	ATGCCAACAAATGGCATCCTA	160	[CAT]7	58
3	AGi101	TGAGGAGACAAACTTCAACTGG	GATGAGGACAAAACCAAGGACT	181	[TCA]14	58
4	AGi121	AACACGCCAAGAAAATCATC	TGGAGACCTGAGCCATTG	162	[CA]15	55
5	AVRDC-PP120	CGAATCAGCAAGGAGATCAA	TCAGCAGAAGCCATAATTGG	378	(TAA)12	55
6	AVRDC-PP121	GCGGCCTTTTGATTACATAC	AACACCAGTGCTTGTCGTGT	219	(AT)10	55
7	AVRDC-PP126	GCAGTTGATATCGCCTCCAT	TGCACATTTTGAATCTAGGG	393	(AT)9	55
8	AVRDC-PP128	ATCGATCCAGAGGTGAATCC	TGTACTTCCATCCTCCACAA	233	(TA)12	58
9	AVRDC-PP129	AAGAGCTTACGGGATCACT	CAGCCATTTCTGCTGTAGGA	374	(TCT)8	55
10	AVRDC-PP133	TCAGTGGTGGTGTGGAGTT	CAACATGCATCCAGCTTCTT	301	(AT)9	58
11	AVRDC-PP144	TCCTCAGACACAAAATCCCA	CGGGGATTGCTTAGTTGTTT	182	(CA)14	58
12	AVRDC-PP146	AGCAGAAATTTTCCACCCTG	GCATTGATGGTGAAGATTGG	208	(CT)17	55
13	AVRDC-PP147	TTTCGCCAAGACTTGTCTG	AAACGTGACCAACAACCTCA	261	(CT)11	55
14	AVRDC-PP155	GGAGACAACTTCAACTGGTCA	GCAGATGCAGCAACAGATTT	162, 158	(CAT)9, (TCA)13	55
15	AVRDC-PP19	GGGTGTCAAGAAATCACACG	AGATACGTATGTGGCCTCTGT	119	(AT)12	55
16	AVRDC-PP37	GCACGAGGAAGACTTGACAG	TGTGCATAGGTGCAGATTGA	150	(AT)11	55
17	AVRDC-PP49	AGGGTTTGACACTGGGAAAG	CGAGCTCGATGAGGATGAAC	140	(AGC)8	55
18	AVRDC-PP5	GCATCAACCAGCAGCATACTA	TTTGTTCGTGAAGTGCTCC	180	(TA)11	55
19	AVRDC-PP67	TATTCCTTCTCACCCCTCC	GAAAGAGGCGCTAACTGGAC	197	(AT)13	55
20	AVRDC-PP87	AGCAGCAACTCTAACACCA	CAGATGAGCCAGTGAGCATT	238	(AAC)10	55
21	AVRDC-PP88	AGTAGCTCCATCGCCAGTTT	TCGAAAGACAACCTCCATCGT	114	(CAA)8	55
22	AVRDC-PP95	CGTCTTTCACTTGTCTTTTGTTTC	AGTGGGTTCACTGACTTGGG	90	(CTT)3(CAT)9	55
23	CA526211	AAGTGTCAAGGAAGGGGACA	CCTAACCCACCCCAAAAAGTT	243	(AGT)14A(GAA)9	55
24	CA519548	TCTCTCTCTACATCTCTCCGTTG	TGTCGTTTCGTGACGACTC	233	(CTT)12	55
25	CA524065	GGAAACTAAACACACTTTCTCTCTC TC	ACTGGACGCCAGTTTGATTCTC	196	(CT)14(CA)9 GA (CA)4GA(CA)4	55
26	BM59622	ACGCCAAGAAAATCATCTCC	CCATTGCTGAAGAAAATGGG	147	(CA)15	55
27	CAMS-855	TCGAACAAATGGGTCATGTG	GATGAGGGTCTGTGCTACC	176-220	(ATT)5T(ATA)7	55
27	GPMS 169	TCGTATTGGCTTGTGATTACCG	TTGAATCGAATACCCGCAGGAG	205	(CT)17(CA)5	55

