

Table 1 The 28 ISSR primers selected for this study

Primer name	Primer	Annealing temperature (°C)	Allele range (bp)	Total no. of bands	No. of polymorphic bands	PIC
ISSR11	GAGAGAGAGAGAGAGAC	50	550-600	2	2	0.684
ISSR13	CTCTCTCTCTCTCTT	50	700-800	2	2	0.507
ISSR22	TCTCTCTCTCTCTCA	50	700-900	2	1	0.396
ISSR23	TCTCTCTCTCTCTCC	50	600-1,000	3	1	0.436
ISSR25	ACACACACACACACT	50	650-950	5	3	0.771
ISSR27	ACACACACACACACG	50	450-950	3	2	0.722
ISSR40	AGAGAGAGAGAGAGGTT	55	500-750	2	1	0.382
ISSR43	AGAGAGAGAGAGAGGTC	55	350-600	5	3	0.777
ISSR46	AGAGAGAGAGAGAGGTA	55	400-750	3	2	0.693
ISSR47	AGAGAGAGAGAGAGGGA	55	550-1,500	4	2	0.678
ISSR48	AGAGAGAGAGAGAGGCA	55	350-1,500	3	1	0.426
ISSR55	GAGAGAGAGAGAGGATT	55	200-400	2	2	0.639
ISSR57	GAGAGAGAGAGAGGACT	55	200-350	2	1	0.311
ISSR60	GAGAGAGAGAGAGGACC	55	200-500	6	1	0.235
ISSR63	GAGAGAGAGAGAGGACG	55	250-600	4	1	0.414
ISSR66	CTCTCTCTCTCTCTAC	55	550-700	2	2	0.64
ISSR68	CTCTCTCTCTCTCTAG	55	600-1,500	2	1	0.414
ISSR69	CTCTCTCTCTCTCTGG	55	250-500	5	1	0.235
ISSR81	GTGTGTGTGTGTGTGCC	55	200-1,500	5	1	0.467
ISSR82	GTGTGTGTGTGTGTGTTG	55	300-1,000	3	1	0.275
ISSR88	TCTCTCTCTCTCTCGT	55	300-1,000	3	1	0.168
ISSR89	TCTCTCTCTCTCTCAG	55	300-700	6	2	0.629
ISSR95	ACACACACACACACGA	55	600-1,500	2	1	0.402
ISSR103	TGTGTGTGTGTGTGGC	55	400-500	2	1	0.488
ISSR105	TGTGTGTGTGTGTGGA	55	400-700	2	1	0.496
ISSR121	GATAGATAGACAGACA	50	350-750	3	2	0.733
ISSR124	CTTCACTTCACTTCA	50	400-750	3	2	0.628
ISSR126	GGGTGGGGTGGGGTG	55	550-700	3	1	0.467
Total				89	42	
Average				3.19	1.5	0.504