

Table 1 Details of identification markers for 29 hybrid rice parental lines

No.	ID marker	Marker sequence (5'→3')	Product length (bp)	Tm (°C)	PIC
1	ID1	F: TGAGATGTGGCCATTAAGGA R: GGCAAAAGATCTTATATTTACTTCG	163	59	0.60
2	ID2	F: ACGGCTAAACGGTACTGCAT R: ACACCAAGGGTGAAAAGTGG	226	60	0.56
3	ID3	F: ACCTCATCATGCTGAACGTG R: TGAGGAACTCCGACTTCTGG	219	60	0.54
4	ID4	F: CAACTAAAACCAACACAAAATCCA R: TGTCTAGTTGCATGTCTGAGTGTC	130	60	0.52
5	ID5	F: CTCTGAGGTAGCAGCCATCG R: TTAACCACACGCGGTTGC	100	60	0.51
6	ID6	F: GAGTTCGGCGACAGTCAGT R: TTGAAACATCCACGAATCTCA	176	59	0.51
7	ID7	F: GGCAAGATTGGATTGAGGAG R: TCGCCAAACGAAAAGAAAAT	151	60	0.49
8	ID8	F: ATGGAACGCATGACATGAAA R: CATCAAGAGGAGGGCAAAAA	159	60	0.47
9	ID9	F: AATTCTTATGGACGGATACGC R: TCAGCATCTCGTAAGCAAAAA	159	58	0.47

Note: F: Forward primer; R: Reverse primer; Tm: Annealing temperature; PIC: Polymorphism index contents; Product length is PCR product length in Nipponbare