

Table S2 Allelic variation among *SD7-1* alleles from the parental line SS18-2 and EM93-1, and the isogenic line SD7-1^D

No.	Site (bp)	SS18-2	SD7-1 ^D	EM93-1 (SD7-1 ^d)
1	290-323	34-bp deletion	cgaatctaaaaagatgtacatatt ttgattcgta	cgaatctaaaaagatgtacatat ttgattcgta
2	405	T	G	G
3	633	G	T	T
4	956	a	t	t
5	1099	a	1-bp deletion	1-bp deletion
6	1162	t	c	c
7	1201	c	t	t
8	1366	t	c	c
9	1406	g	a	a
10	1473	a	g	g
11	1737	c	t	t
12	1849	c	a	a
13	2197	g	a	a
14	2269	g	a	a
15	2439	a	t	t
16	2441	g	a	a
17	3063	t	a	a
18	3109	g	a	a
19	3206	1-bp deletion	1-bp deletion	a
20	3293-3298	agagag	agagag	6-bp deletion
21	3685	1-bp deletion	1-bp deletion	t
22	3695	c	c	t
23	3808	t	t	g
24	4031	c	c	t
25	4496	G	G	A
26	4960	A	A	G
27	5177-5190	ACGCGAAAA GTCGG	ACGCGAAAAGTCGG	14-bp deletion
28	5401	a	1-bp deletion	1-bp deletion
29	5652	g	a	a
30	6269-6280	CGGCGGCG GCGG	12-bp deletion	12-bp deletion
31	6359	C	T	T
32	6436-6441	6-bp deletion	AAATGC	AAATGC

Note: Mutant sites are numbered from the 5' end of the *SD7-1* dormancy locus. Upper or lowercase letter(s) indicate the mutation occurred in exons or introns. The weedy red rice line SS18-2 is the donor of the dormancy gene. SD7-1^D was derived from the intragenic recombinant Rrec #2 (Figure 1B) and is isogenic to the recipient line EM93-1 (SD7-1^d). Gray color-depicted background indicates the sequence from SS18-2.