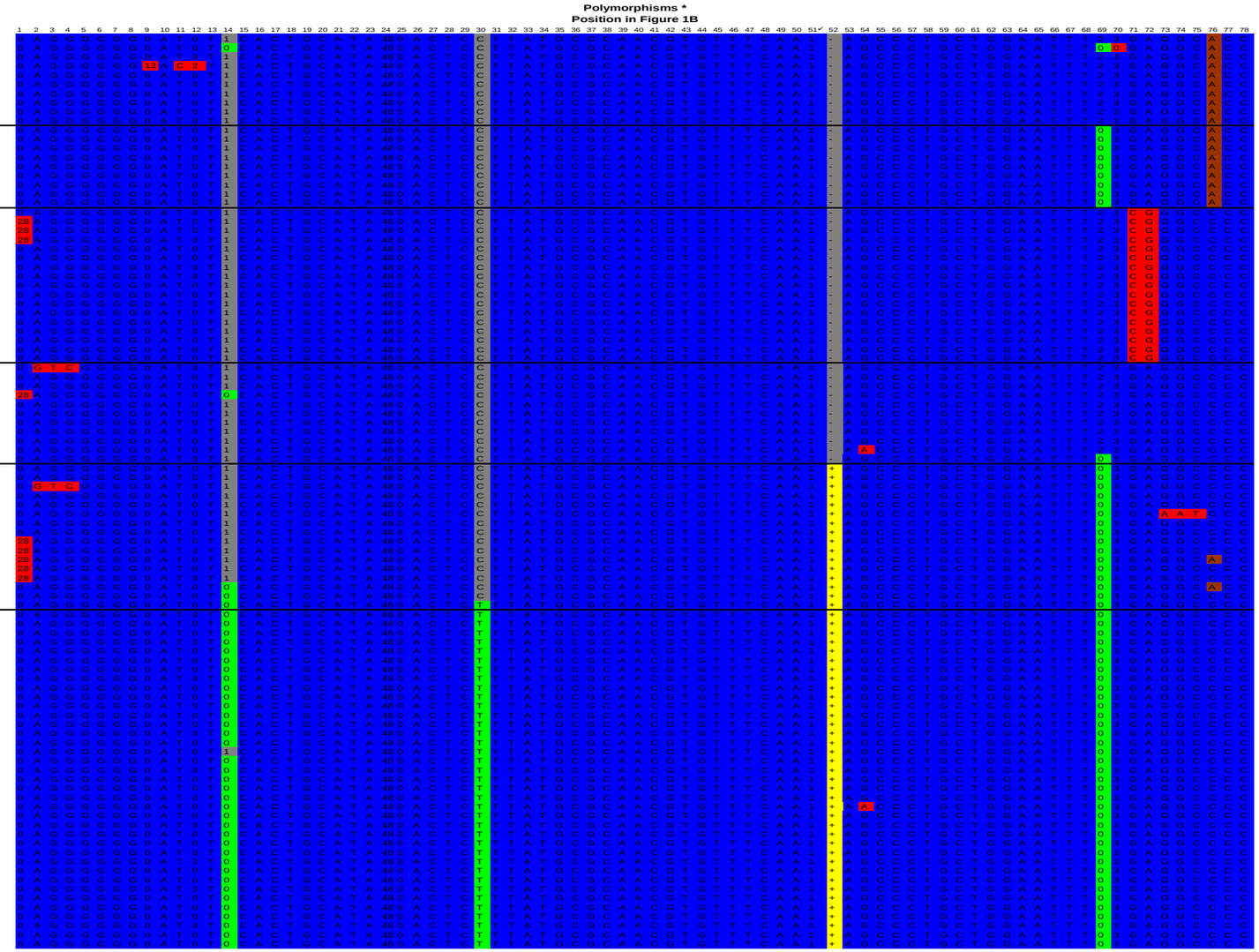
Supplemental Table S3
Extended Haplotypes for All 242 O. sativa Accessions and the Heterozygous Wild Accession

	Accession Name	[2AP]	FNP	Subpopulation	ID #	Gene Haplotype Cluster	Extended Haplotype Group #	Consensus Extended Haplotype
1	NORIN 20	<0.05	NONE	*temperate japonica*	113	Jap_GH	1	Ancestral *Japonica*
2	Hu Lo Tao	<0.05	NONE	*temperate japonica*	67	Jap_GH	1	Ancestral *Japonica*
3	GEUMOBYEO	<0.05	NONE	*temperate japonica*	56	Jap_GH	1	Ancestral *Japonica*
4	Kamenoo	<0.05	NONE	*temperate japonica*	83	Jap_GH	1	Ancestral *Japonica*
5	Jouiku 393G	<0.05	NONE	*temperate japonica*	79	Jap_GH	1	Ancestral *Japonica*
6	Koshihikari	<0.05	NONE	*temperate japonica*	94	Jap_GH	1	Ancestral *Japonica*
7	Ta Mao Tsao	<0.05	NONE	*temperate japonica*	155	Jap_GH	1	Ancestral *Japonica*
8	Ostiglia	<0.05	NONE	*temperate japonica*	121	Jap_GH	1	Ancestral *Japonica*
10	NPE 835	<0.05	NONE	*temperate japonica*	115	Jap_GH	1	Ancestral *Japonica*
9	Gotak Gatik	<0.05	NONE	*tropical japonica*	60	Jap_GH	1	Ancestral *Japonica*
40	Romeo	<0.05	NONE	*temperate japonica*	134	Jap_GH	2	Ancestral *Japonica*
41	Cs-M3	N/A	NONE	*temperate japonica*	36	Jap_GH	2	Ancestral *Japonica*
42	Pato De Gallinazo	<0.05	NONE	*temperate japonica*	128	Jap_GH	2	Ancestral *Japonica*
44	TA HUNG KU	<0.05	NONE	*temperate japonica*	154	Jap_GH	2	Ancestral *Japonica*
45	Leung Pratew	<0.05	NONE	*temperate japonica*	102	Jap_GH	2	Ancestral *Japonica*
46	Agostano	<0.05	NONE	*temperate japonica*	1	Jap_GH	2	Ancestral *Japonica*
47	Oro	<0.05	NONE	*temperate japonica*	118	Jap_GH	2	Ancestral *Japonica*
39	Davao	<0.05	NONE	*tropical japonica*	42	Jap_GH	2	Ancestral *Japonica*
43	Ble Ma Mua	N/A	NONE	*tropical japonica*	8395	Jap_GH	2	Ancestral *Japonica*
21	L-202	<0.05	NONE	*tropical japonica*	98	Jap_GH	3	Ancestral *Japonica*
22	DA 5	<0.05	NONE	*tropical japonica*	38	Jap_GH	3	Ancestral *Japonica*
23	Kotobuki Mochi	<0.05	NONE	*tropical japonica*	95	Jap_GH	3	Ancestral *Japonica*
24	Moroberekan	<0.05	NONE	*tropical japonica*	108	Jap_GH	3	Ancestral *Japonica*
25	Canella De Ferro	<0.05	NONE	*tropical japonica*	23	Jap_GH	3	Ancestral *Japonica*
26	Chahora 144	<0.05	NONE	*tropical japonica*	27	Jap_GH	3	Ancestral *Japonica*
27	Miriti	<0.05	NONE	*tropical japonica*	107	Jap_GH	3	Ancestral *Japonica*
28	NPE 844	<0.05	NONE	*tropical japonica*	116	Jap_GH	3	Ancestral *Japonica*
29	Kinastano	<0.05	NONE	*tropical japonica*	92	Jap_GH	3	Ancestral *Japonica*
30	IRAT 177	<0.05	NONE	*tropical japonica*	73	Jap_GH	3	Ancestral *Japonica*
31	Honduras	<0.05	NONE	*tropical japonica*	65	Jap_GH	3	Ancestral *Japonica*
32	OS6	<0.05	NONE	*tropical japonica*	120	Jap_GH	3	Ancestral *Japonica*
33	Dourado Agulha	<0.05	NONE	*tropical japonica*	46	Jap_GH	3	Ancestral *Japonica*
34	IAC 25	<0.05	NONE	*tropical japonica*	69	Jap_GH	3	Ancestral *Japonica*
35	LAC 23	<0.05	NONE	*tropical japonica*	99	Jap_GH	3	Ancestral *Japonica*
36	RT 1031-69	<0.05	NONE	*tropical japonica*	135	Jap_GH	3	Ancestral *Japonica*
37	Cuba 65	<0.05	NONE	*tropical japonica*	37	Jap_GH	3	Ancestral *Japonica*
11	Trembese	<0.05	NONE	*tropical japonica*	165	Jap_GH	4	Ancestral *Japonica*
12	Darmali	<0.05	NONE	*tropical japonica*	41	Jap_GH	4	Ancestral *Japonica*
13	KU115	N/A	NONE	*tropical japonica*	96	Jap_GH	4	Ancestral *Japonica*
14	Farangey	N/A	NONE	*Group V*	8181	Jap_GH	4	Ancestral *Japonica*
15	ARC 13523	N/A	NONE	*Group V*	8176	Jap_GH	4	Ancestral *Japonica*
16	ARC 6070	<0.05	NONE	*Group V*	8177	Jap_GH	4	Ancestral *Japonica*
17	ARC 13829	<0.05	NONE	*Group V*	F58	Jap_GH	4	Ancestral *Japonica*
18	Basmati 370B	N/A	NONE	*Group V*	2237	Jap_GH	4	Ancestral *Japonica*
19	Basmati 150	N/A	NONE	*Group V*	2239	Jap_GH	4	Ancestral *Japonica*
20	Chhote Dhan	<0.05	NONE	*Group V*	F79	Jap_GH	4	Ancestral *Japonica*
38	Tchampa	<0.05	NONE	*Group V*	160	Jap_GH	4	Ancestral *Japonica*
48	P. Atok	N/A	*badh2.1*	*tropical japonica*	J152	Jap_GH	5	Fragrant *tropical japonica*
49	P. Ikeng	N/A	*badh2.1*	*tropical japonica*	J187	Jap_GH	5	Fragrant *tropical japonica*
50	P. Telengusan	N/A	*badh2.1*	*tropical japonica*	J178	Jap_GH	5	Fragrant *tropical japonica*
51	Arias	1.07	*badh2.1*	*tropical japonica*	7	Jap_GH	5	Fragrant *tropical japonica*
52	Beonjo	N/A	*badh2.1*	*tropical japonica*	15	Jap_GH	5	Fragrant *tropical japonica*
53	P. Gadis	N/A	*badh2.1*	*tropical japonica*	J55	Jap_GH	5	Fragrant *tropical japonica*
54	Asse Y Pung	0.42	*badh2.1*	*tropical japonica*	8	Jap_GH	5	Fragrant *tropical japonica*
55	Della	1.43	*badh2.1*	*tropical japonica*	391	Jap_GH	5	Fragrant *tropical japonica*
56	P. Pulut Longbanga	N/A	*badh2.1*	*tropical japonica*	J13	Jap_GH	5	Fragrant *tropical japonica*
57	Azucena	0.31	*badh2.1*	*tropical japonica*	7737	Jap_GH	5	Fragrant *tropical japonica*
58	Bidor	N/A	*badh2.1*	*tropical japonica*	8362	Jap_GH	5	Fragrant *tropical japonica*
59	Coreng	N/A	*badh2.1*	*tropical japonica*	8364	Jap_GH	5	Fragrant *tropical japonica*
60	P. Pulut Mbau	N/A	*badh2.1*	*tropical japonica*	J176	Jap_GH	5	Fragrant *tropical japonica*
61	WC 6	0.53	*badh2.1*	*tropical japonica*	169	Jap_GH	5	Fragrant *tropical japonica*
62	Keriting Tingii	0.47	*badh2.1*	*tropical japonica*	87	Jap_GH	5	Fragrant *tropical japonica*
63	Gogo Lempuk	N/A	*badh2.1*	*tropical japonica*	59	Jap_GH	5	Fragrant *tropical japonica*
64	JC1	0.91	*badh2.1*	*Group V*	F3	Jap_GH	6	Fragrant Group V
65	Ambemohar 1	N/A	*badh2.1*	*Group V*	2221	Jap_GH	6	Fragrant Group V
66	BASFUL 714	0.90	*badh2.1*	*Group V*	8160	Jap_GH	6	Fragrant Group V
67	JC220	0.47	*badh2.1*	*Group V*	8188	Jap_GH	6	Fragrant Group V
68	AMBEMOHOR 157	0.84	*badh2.1*	*Group V*	8157	Jap_GH	6	Fragrant Group V
69	Sadri Ghermes	N/A	*badh2.1*	*Group V*	8514	Jap_GH	6	Fragrant Group V
70	Gerdeh	0.35	*badh2.1*	*Group V*	55	Jap_GH	6	Fragrant Group V
71	Basmati bahar	0.27	*badh2.1*	*Group V*	2226	Jap_GH	6	Fragrant Group V
72	ARC 6011	1.13	*badh2.1*	*Group V*	8158	Jap_GH	6	Fragrant Group V
73	Basmati 6113	0.40	*badh2.1*	*Group V*	F61	Jap_GH	6	Fragrant Group V
74	SADRI	1.08	*badh2.1*	*Group V*	8175	Jap_GH	6	Fragrant Group V
75	ARC 10352	0.48	*badh2.1*	*Group V*	5	Jap_GH	6	Fragrant Group V
76	Dulhemiya	N/A	*badh2.1*	*Group V*	2262	Jap_GH	6	Fragrant Group V
77	DOMSIAH	1.68	*badh2.1*	*Group V*	8171	Jap_GH	6	Fragrant Group V
78	DA13	1.70	*badh2.1*	*Group V*	8169	Jap_GH	6	Fragrant Group V
79	Kalijira	0.20	*badh2.1*	*Group V*	8503	Jap_GH	6	Fragrant Group V
80	Pankhari 203	0.46	*badh2.1*	*Group V*	F38	Jap_GH	6	Fragrant Group V
81	DOM-SOFID	0.26	*badh2.1*	*Group V*	45	Jap_GH	6	Fragrant Group V
82	Basmati 1	0.73	*badh2.1*	*Group V*	F14	Jap_GH	6	Fragrant Group V
83	Basmati 217	N/A	*badh2.1*	*Group V*	14	Jap_GH	6	Fragrant Group V
84	Basmati 213	0.26	*badh2.1*	*Group V*	F16	Jap_GH	6	Fragrant Group V
85	Basmati 370B	0.73	*badh2.1*	*Group V*	F18	Jap_GH	6	Fragrant Group V
86	Basmati sathi	0.35	*badh2.1*	*Group V*	F33	Jap_GH	6	Fragrant Group V
87	Kitrana 508	0.48	*badh2.1*	*Group V*	93	Jap_GH	6	Fragrant Group V
88	N12	0.47	*badh2.1*	*Group V*	112	Jap_GH	6	Fragrant Group V
89	BPT1235	N/A	*badh2.1*	*Group V*	2248	Jap_GH	6	Fragrant Group V
90	Barhai 1	N/A	*badh2.1*	*Group V*	2253	Jap_GH	6	Fragrant Group V
91	Chini guri	N/A	*badh2.1*	*Group V*	2259	Jap_GH	6	Fragrant Group V
92	D66	N/A	*badh2.1*	*Group V*	2264	Jap_GH	6	Fragrant Group V
93	BASMATI 6311	1.41	*badh2.1*	*Group V*	8162	Jap_GH	6	Fragrant Group V
94	BASMATI C 622	0.82	*badh2.1*	*Group V*	8163	Jap_GH	6	Fragrant Group V
95	Aus Basmati	0.43	*badh2.1*	*Group V*	8195	Jap_GH	6	Fragrant Group V
96	Chahora 144	0.39	*badh2.1*	*Group V*	F20	Jap_GH	6	Fragrant Group V
97	Basmati 5836	0.73	*badh2.1*	*Group V*	F63	Jap_GH	6	Fragrant Group V
98	BASMATI 370	0.87	*badh2.1*	*Group V*	8185	Jap_GH	6	Fragrant Group V
99	Basmati Lal	N/A	*badh2.1*	*Group V*	8201	Jap_GH	6	Fragrant Group V
100	BARA 413	0.89	*badh2.1*	*Group V*	8159	Jap_GH	6	Fragrant Group V

Polymorphisms *
Position in Figure 1B



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208	Chinese	<0.05	NONE	*temperate japonica*	31	Jap_GH	15	0 A G G G G G G 12 A C 2 T 1 C A C T G C A T G 48 0 A C T C C T C A T C G G C A A C C T G T C T C A A 1 - A A C C T G G T T G G A A T T T 2 3 G A G G C A C C
209	Early Wataribune	<0.05	NONE	*temperate japonica*	51	Jap_GH	15	0 A G G G G G G 12 A C 2 T 1 C A C T G C A T G 48 0 A C T C C T C A T C G G C A A C C T G T C T C A A 1 - A A C C T G G T T G G A A T T T 2 3 G A G G C A C C
210	Luk Takhar	<0.05	NONE	*temperate japonica*	103	Jap_GH	15	0 A G G G G G G 12 A C 2 T 1 C A C T G C A T G 48 0 A C T C C T C A T C G G C A A C C T G T C T C A A 1 - A A C C T G G T T G G A A T T T 2 3 G A G G C A C C
211	Shinriki	<0.05	NONE	*temperate japonica*	143	Jap_GH	15	0 A G G G G G G 12 A C 2 T 1 C A C T G C A T G 48 0 A C T C C T C A T C G G C A A C C T G T C T C A A 1 - A A C C T G G T T G G A A T T T 2 3 G A G G C A C C
212	Tainan Iku 487	<0.05	NONE	*temperate japonica*	157	Jap_GH	15	0 A G G G G G G 12 A C 2 T 1 C A C T G C A T G 48 0 A C T C C T C A T C G G C A A C C T G T C T C A A 1 - A A C C T G G T T G G A A T T T 2 3 G A G G C A C C
213	Taipei 309	<0.05	NONE	*temperate japonica*	158	Jap_GH	15	0 A G G G G G G 12 A C 2 T 1 C A C T G C A T G 48 0 A C T C C T C A T C G G C A A C C T G T C T C A A 1 - A A C C T G G T T G G A A T T T 2 3 G A G G C A C C
214	Nipponbare	<0.05	NONE	*temperate japonica*	173	Jap_GH	15	0 A G G G G G G 12 A C 2 T 1 C A C T G C A T G 48 0 A C T C C T C A T C G G C A A C C T G T C T C A A 1 - A A C C T G G T T G G A A T T T 2 3 G A G G C A C C
215	RANDHANIPAGAL(SCENTED)	<0.05	NONE	*temperate japonica*	8183	Jap_GH	15	0 A G G G G G G 12 A C 2 T 1 C A C T G C A T G 48 0 A C T C C T C A T C G G C A A C C T G T C T C A A 1 - A A C C T G G T T G G A A T T T 2 3 G A G G C C C C
216	Baber	N/A	NONE	*tropical japonica*	9	Jap_GH	15	0 A G G G G G G 12 A C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A T C G G C A A C C T G T C T C A A 1 - A A C C T G G T T G G A A T T T 2 3 G A G G C C C C
217	Kun-Min-Tsieh-Hunan	<0.05	NONE	*indica*	97	Ind_GH	16	28 A G G G G G G 12 A T 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - G A T T T G A T C C T C T T T T 1 3 G G A A T 0 T T
218	Hsia-Chioh-Keh-Tu	<0.05	NONE	*indica*	66	Ind_GH	16	28 A G G G G G G 12 A T 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - G A T T T G A T C C T C T T T T 1 3 G G A A T 0 T T
219	BYAKKOKU Y 5006 SELN	<0.05	NONE	*indica*	21	Recomb	16	28 A G G G G G G 12 A T 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - G A T T T G A T C C T C T T T T 1 3 G G A A T 0 T T
220	Shuang-Chiang	N/A	NONE	*indica*	146	Ind_GH	16	28 A G G G G G G 12 A T 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - G A T T T G A T C C T C T T T T 1 3 G G A A T 0 T T
221	EH-1A-Chiu	N/A	NONE	*tropical japonica*	52	Recomb	16	28 A G G G G G G 12 A T 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - G A T T T G A T C C T C T T T T 1 3 G G A A T 0 T T
222	Chiem Chanh	<0.05	NONE	*indica*	30	Ind_GH	16	28 A G G G G G G 12 A T 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - G A T T T G A T C C T C T T T T 1 3 G G A A T 0 T T
223	Basmati	N/A	NONE	*Group V*	12	Ind_GH	16	28 A G G G G G G 12 A T 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - G A T T T G A T C C T C T T T T 1 3 G G A A T 0 T T
224	Taducan	<0.05	NONE	*indica*	163	Ind_GH	16	28 A G G G G G G 12 A T 2 T 1 G A C T G C A T G 48 0 A G T C C T C A C C G G C A G C C T G T C T C G A 1 - G A T T T G A T C C T C T T T T 1 3 G G A A T 0 T T
225	Phudugey	<0.05	NONE	*aus*	131	Ind_GH	17	28 A G G G G G G 12 C C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G G G C C C C
226	Chuan 4	<0.05	NONE	*aus*	33	Ind_GH	17	28 A G G G G G G 12 C C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G G G C C C C
227	BLACK GORA	<0.05	NONE	*aus*	19	Ind_GH	17	0 A G G G G G G 12 C C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G G G C C C C
228	BJ 1	<0.05	NONE	*aus*	18	Ind_GH	17	28 A G G G G G G 12 C C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G G G C C C C
229	DA8	N/A	NONE	*aus*	AUS3	Ind_GH	17	28 A G G G G G G 12 A C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G G G C C C C
230	IR 36	<0.05	NONE	*indica*	71	Ind_GH	17	28 A G G G G G G 0 A C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G G G C 0 T T
231	MAHIN KUNDUZ	<0.05	NONE	*Group V*	8182	Ind_GH	17	0 A G G G G G G 0 A C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G G G C C C C
232	Mehr	<0.05	NONE	*aus*	105	Ind_GH	17	0 A G G G G G G 0 A C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A G C C C G G T T G G C T T T T 1 3 G G G G C C C C
233	ARC 10177	<0.05	NONE	*aus*	4	Ind_GH	17	0 A G G G G G G 0 A C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G G G C C C C
234	Khao Gaew	<0.05	NONE	*aus*	88	Ind_GH	17	28 A G G G G G G 0 A C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G G G C C C C
235	Dhala Shaitta	<0.05	NONE	*aus*	44	Ind_GH	17	28 A G G G G G G 0 A C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G G G C C C C
236	T 1	<0.05	NONE	*aus*	152	Ind_GH	17	28 A G G G G G G 0 A C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G G G C C C C
237	Kalamkati	<0.05	NONE	*aus*	81	Ind_GH	17	28 A G G G G G G 0 A C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G G G C C C C
238	ARC 7229	N/A	NONE	*aus*	6	Ind_GH	17	28 A G G G G G G 0 A C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G G G C C C C
239	FR13 A	<0.05	NONE	*aus*	4891	Recomb	17	28 A G G G G G G 0 A C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G G G C C C C
240	DV85	<0.05	NONE	*aus*	49	Ind_GH	17	28 A G G G G G G 0 A C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G G G C C C C
241	JC148	N/A	NONE	*aus*	AUS5	Ind_GH	17	28 A G G G G G G 0 A C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G A A T T C C C
242	BAILAM	N/A	NONE	*aus*	AUS6	Recomb	17	28 A G G G G G G 0 A C 2 T 1 G A C T G C A T G 48 0 A C T C C T C A C C G G C A G C C T G T C T C G A 1 - A A C C C G G T T G G C T T T T 1 3 G G G G G G C C
	O. rufipogon 553B-9	N/A		Wild			8	28 G T C G G G G G 0 A T 0 T 0 G A C T G C A T A 48 0 A C T C T T T A T C G C C C A A C G T G T T T C A A 1 + A G C C C C T C C T G G A A T T T T 0 3 G A A A T 0 T T

* Ancestrally Informative Polymorphisms (AIPs). The polymorphisms are listed as either alternative forms of a SNP or as alternative forms of an insertion/deletion. For indels, the number represents the number of deleted base pairs relative to the alternative allele ("0").
Position 52 is the *badh2.1* FNP (+ = *badh2.1* , – = wild type)
✓ Position #51 is the MITE polymorphism described by Bourgis et al. (2008). It is coded as 1 for the deletion and 0 for no deletion