

Supplementary Table 1. List of genotypes used for this study.

S.NO	Accession Numbers	Donor's Institute	Country of origin
1	IRGC 63	ARS	India
2	IRGC 181	NBPGR	India
3	IRGC 636	UPLB	India
4	IRGC 3641	USDA	India
5	IRGC 3681	USDA	India
6	IRGC 3685	USDA	India
7	IRGC 3742	USDA	India
8	IRGC 3840	USDA	Philippines
9	IRGC 4803	TPARI	India
10	IRGC 4819	TPARI	India
11	IRGC 4895	NBPGR	India
12	IRGC 5999	CRRI	India
13	IRGC 6144	CRRI	India
14	IRGC 6179	CRRI	India
15	IRGC 6264	CRRI	India
16	IRGC 6267	CRRI	India
17	IRGC 6274	CRRI	India
18	IRGC 6294	CRRI	India
19	IRGC 6298	CRRI	India
20	IRGC 6386	CRRI	India
21	IRGC 6663	NBPGR	India
22	IRGC 6671	NBPGR	India
23	IRGC 7919	RRS	India
24	IRGC 8887	CRRI	India
25	IRGC 9060	TPCU	India
26	IRGC 9069	TPCU	India
27	IRGC 9091	TPCU	India
28	IRGC 9115	TPCU	India
29	IRGC 9175	TPCU	India
30	IRGC 9177	TPCU	India
31	IRGC 9179	TPCU	India
32	IRGC 10105	NBPGR	India
33	IRGC 10143	NBPGR	India
34	IRGC 11099	DRR	India
35	IRGC 11486	NIAS	India
36	IRGC 12130	DRR	India
37	IRGC 12144	DRR	India
38	IRGC 12166	DRR	India
39	IRGC 12168	DRR	India

40	IRGC 12172	DRR	India
41	IRGC 12190	DRR	India
42	IRGC 12214	DRR	India
43	IRGC 12254	DRR	India
44	IRGC 12263	DRR	India
45	IRGC 12331	DRR	India
46	IRGC 12380	DRR	India
47	IRGC 12431	DRR	India
48	IRGC 12440	DRR	India
49	IRGC 12444	DRR	India
50	IRGC 12469	DRR	India
51	IRGC 12485	DRR	India
52	IRGC 12603	DRR	India
53	IRGC 12685	DRR	India
54	IRGC 12894	DAG	India
55	IRGC 13735	CRIFC	Indonesia
56	IRGC 13746	CRRI	India
57	IRGC 13758	CRRI	India
58	IRGC 17042	NBPGR	India
59	IRGC 19304	CRRS	India
60	IRGC 21431	NBPGR	India
61	IRGC 32561	IRRI	India
62	IRGC 39735	DRR	India
63	IRGC 40275	CRRI	India
64	IRGC 40972	CRRI	India
65	IRGC 40982	CRRI	India
66	IRGC 41001	CRRI	India
67	IRGC 41019	CRRI	India
68	IRGC 41068	CRRI	India
69	IRGC 41127	CRRI	India
70	IRGC 41146	CRRI	India
71	IRGC 41216	CRRI	India
72	IRGC 41234	CRRI	India
73	IRGC 41252	CRRI	India
74	IRGC 41266	CRRI	India
75	IRGC 41294	CRRI	India
76	IRGC 41348	CRRI	India
77	IRGC 41352	CRRI	India
78	IRGC 41374	CRRI	India
79	IRGC 41446	CRRI	India
80	IRGC 44975	RRS	India
81	IRGC 44976	RRS	India
82	IRGC 45699	RRS	India
83	IRGC 45701	RRS	India
84	IRGC 45733	RRS	India

85	IRGC 45992	RRS	India
86	IRGC 46047	RRS	India
87	IRGC 46531	RRS	India
88	IRGC 50690	DRR	India
89	IRGC 51231	CRRI	India
90	IRGC 51774	CRRI	India
91	IRGC 51869	CRRI	India
92	IRGC 51903	CRRI	India
93	IRGC 51932	CRRI	India
94	IRGC 51971	CRRI	India
95	IRGC 52685	NDUAT	India
96	IRGC 52734	NDUAT	India
97	IRGC 52785	NDUAT	India
98	IRGC 53660	RRRS	India
99	IRGC 53989	NBPGR	India
100	IRGC 54656	CRRS	India
101	IRGC 54748	CRRS	India
102	IRGC 54792	CRRS	India
103	IRGC 55173	CRRS	India
104	IRGC 61074	ZARS	India
105	IRGC 61127	ZARS	India
106	IRGC 61133	ZARS	India
107	IRGC 63113	TAU	India
108	IRGC 67485	NBPGR	India
109	IRGC 67698	NBPGR	India
110	IRGC 67699	NBPGR	India
111	IRGC 67704	NBPGR	India
112	IRGC 67705	NBPGR	India
113	IRGC 67706	NBPGR	India
114	IRGC 67720	NBPGR	India
115	IRGC 67730	NBPGR	India
116	IRGC 67759	NBPGR	India
117	IRGC 74616	BORIF	Indonesia
118	IRGC 74717	NBPGR	India
119	IRGC 74722	NBPGR	India
120	IRGC 74734	NBPGR	India
121	IRGC 74735	NBPGR	India
122	IRGC 74762	NBPGR	India
123	IRGC 74773	NBPGR	India
124	IRGC 74774	NBPGR	India
125	IRGC 74775	NBPGR	India
126	IRGC 74777	NBPGR	India
127	IRGC 74778	NBPGR	India
128	IRGC 74779	NBPGR	India
129	IRGC 74782	NBPGR	India

130	IRGC 117275	IRRI	India
131	IRGC 117278	IRRI	India
132	CR 143-2-2 (Tolerant control)	CRRI	India
133	Vandana (Tolerant control)	CRRI	India
134	IR-20 (Susceptible control)	CRRI	India

International Rice Genome Centre (IRGC), CRRI Accession Number (AC), Agricultural Research Station (ARS), National Bureau of Plant Genetic Resources (NBPGR), University Of The Philippines At Los Banos (UPLB), United States Department Of Agriculture (USDA), Taiwan Provincial Agricultural Research Institute (TPARI), Central Rice Research Institute (CRRI), Rice Research Station (RRS), Taiwan Provincial Chung-hsing University (TPCU), Directorate Of Rice Research (DRR), National Institute Of Agricultural Sciences (NIAS), Department Of Agriculture (DAG), Central Research Institute For Food Crops (CRIFC), Central Rice Research Station (CRRS), International Rice Research Institute (IRRI), Narendra Dev University Of Agriculture And Technology (NDUAT), Regional Rice Research Station (RRRS), Central Rice Research Station (CRRS), Zonal Agricultural Research Station (ZARC), Tamil Nadu Agricultural University (TAU), Bogor Research Institute For Food Crops (BORIF).