

Table S2. Plant dwarfism observed in greenhouse is associated with the presence of ga5-184

SN	Genotype information	the ga5-184 allele	Plant dwarfism
1	SAO_Accession-1	SAO-type	Yes
2	SAO_Accession-2	SAO-type	Yes
3	SAO_Accession-5	SAO-type	Yes
4	SAO_Accession-6	SAO-type	Yes
5	SAO_Accession-8	SAO-type	Yes
6	SAO_Accession-9	SAO-type	Yes
7	SAO_Accession-10	SAO-type	Yes
8	SAO_Accession-11	SAO-type	Yes
9	SAO_Accession-12	SAO-type	Yes
10	SAO_Accession-13	SAO-type	Yes
11	SAO_Accession-15	SAO-type	Yes
12	SAO_Accession-16	SAO-type	Yes
13	SAO_Accession-17	Col-type	No
14	SAO_Accession-18	SAO-type	Yes
15	SAO_Accession-19	SAO-type	Yes
16	SAO_Accession-20	Col-type	data unavailable
17	SAO_Accession-21	SAO-type	Yes
18	SF3_Accession-1	SAO-type	Yes
19	SF3_Accession-2	SAO-type	Yes
20	SF3_Accession-3	Col-type	No
21	SF3_Accession-4	Col-type	No
22	SF3_Accession-5	Col-type	No
23	SF3_Accession-6	Col-type	No
24	SF3_Accession-7	Col-type	No
25	SF3_Accession-8	SAO-type	Yes
26	SF3_Accession-9	Col-type	no
27	SF3_Accession-10	SAO-type	Yes
28	SF3_Accession-11	SAO-type	Yes
29	SF3_Accession-12	Col-type	No
30	SF3_Accession-13	SAO-type	Yes
31	SF3_Accession-14	SAO-type	Yes
32	SF3_Accession-16	SAO-type	Yes
33	SF3_Accession-17	SAO-type	Yes
34	SF3_Accession-18	Col-type	No

35	SF3_Accession-19	SAO-type	data unavailable
36	SF3_Accession-20	Col-type	No
37	SF3_Accession-21	SAO-type	data unavailable
38	SF3_Accession-22	SAO-type	Yes
39	SF3_Accession-23	SAO-type	Yes
40	SF3_Accession-24	SAO-type	Yes
41	SF3_Accession-25	Col-type	No
42	SF3_Accession-26	SAO-type	Yes
43	SF3_Accession-28	SAO-type	Yes
44	BRI_Accession-1	Col-type	No
45	BRI_Accession-2	Col-type	No
46	BRI_Accession-3	Col-type	No
47	BRI_Accession-4	Col-type	No
48	BRI_Accession-5	Col-type	No
49	BRI_Accession-6	Col-type	No
50	BRI_Accession-7	Col-type	No
51	BRI_Accession-9	Col-type	No
52	BRI_Accession-11	Col-type	No
53	BRI_Accession-12	Col-type	No
54	BRI_Accession-13	Col-type	No
55	BRI_Accession-14	Col-type	No
56	BRI_Accession-15	Col-type	No
57	BRI_Accession-17	Col-type	No
58	NAT_Accession-1	Col-type	No
59	NAT_Accession-2	Col-type	No
60	NAT_Accession-3	Col-type	No
61	NAT_Accession-4	Col-type	No
62	NAT_Accession-5	Col-type	No
63	NAT_Accession-6	Col-type	No
64	NAT_Accession-7	Col-type	No
65	NAT_Accession-8	Col-type	No
66	NAT_Accession-9	Col-type	No
67	NAT_Accession-10	Col-type	No
68	NAT_Accession-11	Col-type	No
69	NAT_Accession-12	Col-type	No
70	EGG_Accession-3	Col-type	No
71	EGG_Accession-5	Col-type	No

72	EGG_Accession-7	Col-type	No
73	EGG_Accession-8	Col-type	No
74	EGG_Accession-9	Col-type	No
75	EGG_Accession-10	Col-type	No
76	EGG_Accession-12	Col-type	No
77	EGG_Accession-13	Col-type	No
78	EGG_Accession-14	Col-type	No
79	EGG_Accession-15	Col-type	No
80	EGG_Accession-16	Col-type	No
81	EGG_Accession-17	Col-type	No
82	EGG_Accession-18	Col-type	No
83	EGG_Accession-20	Col-type	No
84	EGG_Accession-22	Col-type	No
85	AUS_Accession-1	Col-type	No
86	AUS_Accession-2	Col-type	No
87	AUS_Accession-3	Col-type	No
88	AUS_Accession-4	Col-type	No
89	AUS_Accession-5	Col-type	No
90	AUS_Accession-6	Col-type	No
91	AUS_Accession-7	Col-type	No
92	AUS_Accession-10	Col-type	No
93	AUS_Accession-11	Col-type	No
94	AUS_Accession-12	Col-type	No
95	AUS_Accession-13	Col-type	No
96	AUS_Accession-14	Col-type	No
97	AUS_Accession-15	Col-type	No
98	AUS_Accession-16	Col-type	No
99	AUS_Accession-18	Col-type	No
100	GEI_Accession-1	Col-type	No
101	GEI_Accession-2	Col-type	No
102	GEI_Accession-3	Col-type	No
103	GEI_Accession-4	Col-type	No
104	GEI_Accession-5	Col-type	No
105	GEI_Accession-6	Col-type	No
106	GEI_Accession-7	Col-type	No
107	GEI_Accession-8	Col-type	No
108	RI1_Accession-1	Col-type	No

109	RI1_Accession-3	Col-type	No
110	RI1_Accession-4	Col-type	No
111	RI1_Accession-5	Col-type	No
112	RI1_Accession-6	Col-type	No
113	RI1_Accession-7	Col-type	No
114	RI1_Accession-8	Col-type	No
115	RI1_Accession-9	Col-type	No
116	RI1_Accession-10	Col-type	No
117	RI1_Accession-11	Col-type	No
118	RI1_Accession-12	Col-type	No
119	RI1_Accession-13	Col-type	No
120	RI1_Accession-14	Col-type	No
121	RI1_Accession-17	Col-type	No
122	BRA_Accession-4	Col-type	No
123	BRA_Accession-5	Col-type	No
124	BRA_Accession-6	Col-type	No
125	SF1_Accession-1	Col-type	No
126	SF1_Accession-2	Col-type	No
127	SF1_Accession-3	Col-type	No
128	SF1_Accession-5	Col-type	No
129	SF1_Accession-6	Col-type	No
130	SF1_Accession-7	Col-type	No
131	SF1_Accession-10	Col-type	No
132	SF1_Accession-13	Col-type	No
133	SF1_Accession-14	Col-type	No
134	SF1_Accession-15	Col-type	No
135	SF1_Accession-16	Col-type	No
136	SF1_Accession-17	Col-type	No
137	SF1_Accession-18	Col-type	No
138	SF1_Accession-19	Col-type	No
139	SF1_Accession-20	Col-type	No
140	SF1_Accession-21	Col-type	No
141	SF1_Accession-22	Col-type	No
142	SF1_Accession-23	Col-type	No
143	SF1_Accession-24	Col-type	No
144	SF1_Accession-25	Col-type	No
145	SF1_Accession-26	Col-type	No

146	SF1_Accession-27	Col-type	No
147	GRA_Accession-1	Col-type	No
148	GRA_Accession-2	Col-type	No
149	GRA_Accession-3	Col-type	No
150	GRA_Accession-4	Col-type	No
151	GRA_Accession-5	Col-type	No
152	GRA_Accession-6	Col-type	No
153	GRA_Accession-8	Col-type	No
154	GRA_Accession-9	Col-type	No
155	GRA_Accession-10	Col-type	No
156	GRA_Accession-12	Col-type	No
157	GRA_Accession-13	Col-type	No
158	GRA_Accession-14	Col-type	No
159	GRA_Accession-15	Col-type	No
160	GRA_Accession-16	Col-type	No
161	GRA_Accession-17	Col-type	No
162	GRA_Accession-18	Col-type	No
163	ZIN_Accession-1	Col-type	No
164	ZIN_Accession-2	Col-type	No
165	ZIN_Accession-3	Col-type	No
166	ZIN_Accession-4	Col-type	No
167	ZIN_Accession-5	Col-type	No
168	ZIN_Accession-6	Col-type	No
169	ZIN_Accession-7	Col-type	No
170	ZIN_Accession-8	Col-type	No
171	ZIN_Accession-9	Col-type	No
172	ZIN_Accession-10	Col-type	No
173	ZIN_Accession-11	Col-type	No
174	ZIN_Accession-12	Col-type	No
175	ZIN_Accession-13	Col-type	No
176	ZIN_Accession-14	Col-type	No
177	ZIN_Accession-15	Col-type	No
178	ZIN_Accession-16	Col-type	No
179	ZIN_Accession-17	Col-type	No
180	ZIN_Accession-18	Col-type	No
181	ZIN_Accession-19	Col-type	No
182	ZIN_Accession-20	Col-type	No

183	ZIN_Accession-21	Col-type	No
184	ZIN_Accession-22	Col-type	No
185	ZIN_Accession-23	Col-type	No
186	ZIN_Accession-24	Col-type	No
187	RI2_Accession-1	Col-type	No
188	RI2_Accession-2	Col-type	No
189	RI2_Accession-3	Col-type	No
190	RI2_Accession-4	Col-type	No
191	RI2_Accession-5	Col-type	No
192	RI2_Accession-6	Col-type	No
193	RI2_Accession-7	Col-type	No
194	RI2_Accession-8	Col-type	No
195	RI2_Accession-9	Col-type	No
196	RI2_Accession-10	Col-type	No
197	RI2_Accession-11	Col-type	No
198	RI2_Accession-12	Col-type	No
199	SF2_Accession-1	Col-type	No
200	SF2_Accession-2	Col-type	No
201	SF2_Accession-3	Col-type	No
202	SF2_Accession-4	Col-type	No
203	SF2_Accession-5	Col-type	No
204	SF2_Accession-6	Col-type	No
205	SF2_Accession-7	Col-type	No
206	SF2_Accession-8	Col-type	No
207	SF2_Accession-9	Col-type	No
208	SF2_Accession-10	Col-type	No
209	SF2_Accession-11	Col-type	No
210	SF2_Accession-12	Col-type	No
211	SF2_Accession-13	Col-type	No
212	SF2_Accession-14	Col-type	No
213	SF2_Accession-15	Col-type	No
214	SF2_Accession-16	Col-type	No
215	SF2_Accession-17	Col-type	No
216	SF2_Accession-18	Col-type	No
217	SF2_Accession-19	Col-type	No
218	SF2_Accession-20	Col-type	No
219	SF2_Accession-21	Col-type	No

220	SF2_Accession-22	Col-type	No
221	SF2_Accession-23	Col-type	No
222	SAB_Accession-1	Col-type	No
223	SAB_Accession-2	Col-type	No
224	SAB_Accession-3	Col-type	No
225	SAB_Accession-4	Col-type	No
226	SAB_Accession-5	Col-type	No
227	SAB_Accession-6	Col-type	No
228	SAB_Accession-8	Col-type	No
229	SAB_Accession-9	Col-type	No
230	SAB_Accession-10	Col-type	No
231	SAB_Accession-11	Col-type	No
232	N3879-Col(gl1)	Col-type	No
233	N8580-Cvi	Col-type	No
234	N8581-Ler-2	Col-type	No
235	N902-Cvi-0	Col-type	No
236	N952-Ba-1	Col-type	No
237	N1064-Can-0	Col-type	No
238	N1068-Cha-0	Col-type	No
239	N1070-Cha-1	Col-type	No
240	N1096-Cvi-0	Col-type	No
241	N1186-Ge-0	Col-type	No
242	N1238-In-0	Col-type	No
243	N1244-Ita-0	Col-type	No
244	N1266-Kä*	Col-type	No
245	N1373-Mr-0	Col-type	No
246	N1454-Pi-0	Col-type	No
247	N1456-Pi-2	Col-type	No
248	N1487-Ron-0	Col-type	No
249	N1500-Sah-0	Col-type	No
250	N1504-Sei-0	Col-type	No
251	N1622-Yo-0	Col-type	No
252	N1630-Wi-0	Col-type	No
253	N916-Kondara	Col-type	No
254	N921-Enkheim-T	Col-type	No
255	N968-BI-1	Col-type	No
256	N970-Bla-1	Col-type	No

257	N996-Bs-1	Col-type	No
258	N1084-Co-1	Col-type	No
259	N1106-Di-0	Col-type	No
260	N1108-Di-1	Col-type	No
261	N1198-Gr-1	Col-type	No
262	N1268-Kb-0	Col-type	No
263	N1270-Kil-0	Col-type	No
264	N1452-Pf-0	Col-type	No
265	N1458-Pla-0	Col-type	No
266	N1520-Sg-2	Col-type	No
267	N1540-Su-0	Col-type	No
268	N1566-Tu-0	Col-type	No
269	N1656-Alc-0	Col-type	No
270	N8067-Buckhorn Pass	Col-type	No
271	N8069-Santa Clara	Col-type	No
272	N22676-Bay-0	Col-type	No
273	N22677-Bor-4	Col-type	No
274	N22678-Br-0	Col-type	No
275	N22679-Bur-0	Col-type	No
276	N22680-C24	Col-type	No
277	N22681-Col-0	Col-type	No
278	N22682-Cvi-0	Col-type	No
279	N22683-Est-1	Col-type	No
280	N22684-Fei-0	Col-type	No
281	N22685-Got-7	Col-type	No
282	N22686-Ler-1	Col-type	No
283	N22687-Nfa-8	Col-type	No
284	N22689-Rrs-10	Col-type	No
285	N22690-Sha	Col-type	No
286	N22691-Tamm-2	Col-type	No
287	N22692-Ts-1	Col-type	No
288	N22693-Tsu-1	Col-type	No
289	N22694-Van-0	Col-type	No
290	N22695-Lov-5	Col-type	No