

Table S5. Fruiting body color of selfing strains and the types of corresponding monokaryotic strains

Monokaryon of mapping population	Mated with 23	Mated with 51	Color of fruiting body	Monokaryon type
1	—	+	P	P _d
2	—	+	W	P _r
3	—	+	P	W _r
4	—	+	W	P _r
5	+	—	W	W _d
6	—	+	P	P _d
7	+	—	W	P _r
8	+	—	*	*
9	+	—	W	W _d
10	+	—	W	W _d
12	+	—	*	*
13	+	—	W	W _d
14	+	—	W	W _d
15	+	—	*	*
17	—	+	P	W _r
18	+	—	P	P _d
19	—	+	P	P _d
21	—	+	W	W _d
22	—	+	*	*
23	—	+	W	P _r
26	+	—	W	W _d
27	+	—	P	W _r
30	+	—	P	W _r
31	+	—	P	P _d
32	+	—	P	W _r
34	—	+	W	W _d
35	+	—	W	W _d
36	+	—	*	*
37	—	+	P	W _r
38	+	—	W	W _d
39	+	—	P	W _r
40	—	+	W	W _d
41	+	—	P	W _r
42	+	—	*	*
43	+	—	*	*
45	+	—	*	*
46	+	—	*	*
47	—	+	W	W _d
48	+	—	P	P _d
49	+	—	*	*
50	—	+	*	*
51	+	—	W	P _r
52	—	+	W	W _d
53	+	—	*	*
54	—	+	P	W _r

55	+	—	P	P _d
56	+	—	P	P _d
57	+	—	W	W _d
58	+	—	*	*
59	+	—	P	W _r
60	+	—	W	W _d
61	—	+	*	*
62	—	+	P	W _r
63	—	+	*	*
65	—	+	P	P _d
66	+	—	P	P _d
67	+	—	W	P _r
68	—	+	W	W _d
69	+	—	W	W _d
71	+	—	W	W _d
72	—	+	*	*
73	+	—	P	P _d
74	+	—	*	*
76	+	—	W	W _d
77	+	—	*	*
79	+	—	*	*
80	—	+	W	W _d
81	+	—	*	*
82	+	—	W	W _d
83	+	—	P	P _d
84	+	—	W	P _r
85	+	—	P	W _r
86	+	—	P	W _r
87	+	—	*	*
88	—	+	P	P _d
89	—	+	*	*
91	+	—	*	*
92	+	—	P	W _r
93	—	+	*	*
94	—	+	W	W _d
95	—	+	P	P _d
96	—	+	*	*
97	—	+	P	W _r
98	+	—	W	W _d
99	—	+	P	W _r
100	—	+	W	W _d
101	+	—	P	W _r

* "P" represents the color of the fruiting body is purple. "W" represents the color of the fruiting body is white. " * " represents cross was successful but didn't produce fruiting body.