

Article title: Effects of *Solanum demissum* chromosomes on crossability in the backcross progeny to *S. tuberosum*

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Supplementary Table 4 Somatic chromosome number and crossability of 89 BC₁ genotypes in crosses of T × BC₁

No.	Clonal identity	2n	No. of flowers	No. of berries	Berry-setting rate (%)	Total no. of seeds	Total seed weight (mg)	Average seed weight (mg)	Seeds/berry
1	7H2S-1	55	16	0	0.0	0	0	-	-
2	7H2S-2	57	0	0	-	0	0	-	-
3	7H2S-3	54	16	0	0.0	0	0	-	-
4	7H2S-4	55	17	0	0.0	0	0	-	-
5	7H2S-5	53	24	0	0.0	0	0	-	-
6	7H2S-6	52	18	0	0.0	0	0	-	-
7	7H2S-7	54	20	0	0.0	0	0	-	-
8	7H2S-9	51	19	0	0.0	0	0	-	-
9	7H2S-11	51	17	0	0.0	0	0	-	-
10	7H2S-13	56	20	0	0.0	0	0	-	-
11	7H2S-14	51	23	0	0.0	0	0	-	-
12	7H2S-15	55	20	0	0.0	0	0	-	-
13	7H2S-16	54	17	0	0.0	0	0	-	-
14	7H2S-17	54	19	0	0.0	0	0	-	-
15	7H2S-18	54	15	0	0.0	0	0	-	-
16	7H2S-19	53	0	0	-	0	0	-	-
17	7H2S-20	54	33	0	0.0	0	0	-	-
18	7H2S-21	53	21	1	4.8	0	0	-	0
19	7H2S-22	52	17	2	11.8	51	29.6	0.58	26
20	7H2S-23	55	20	0	0.0	0	0	-	-
21	7H2S-24	53	17	0	0.0	0	0	-	-
22	7H2S-25	55	16	0	0.0	0	0	-	-
23	7H2S-26	53	0	0	-	0	0	-	-
24	7H2S-27	56	20	0	0.0	0	0	-	-
25	7H2S-28	51	20	3	15.0	106	64	0.61	35
26	7H2S-29	56	20	0	0.0	0	0	-	-
27	7H2S-30	55	26	0	0.0	0	0	-	-
28	7H2S-32	55	16	0	0.0	0	0	-	-
29	7H2S-33	49	20	0	0.0	0	0	-	-
30	7H2S-34	53	20	4	20.0	149	90	0.61	37
31	7H2S-35	50	20	0	0.0	0	0	-	-
32	7H2S-36	54	20	0	0.0	0	0	-	-
33	7H2S-37	53	17	0	0.0	0	0	-	-
34	7H2S-38	54	18	0	0.0	0	0	-	-
35	7H2S-39	54	17	0	0.0	0	0	-	-
36	7H2S-41	58	13	0	0.0	0	0	-	-
37	7H2S-42	51	22	0	0.0	0	0	-	-
38	7H2S-43	50	8	0	0.0	0	0	-	-
39	7H2S-44	52	16	1	6.3	47	28.5	0.61	47
40	7H2S-45	51	12	0	0.0	0	0	-	-
41	7H2S-46	53	16	0	0.0	0	0	-	-
42	7H2S-47	59	19	0	0.0	0	0	-	-
43	7H2S-49	58	20	0	0.0	0	0	-	-

44	7H2S-50	58	23	0	0.0	0	0	-	-
45	7H2S-51	52	0	0	-	0	0	-	-
46	7H2L-2	53	34	0	0.0	0	0	-	-
47	7H2L-3	56	21	0	0.0	0	0	-	-
48	7H2L-5	54	20	0	0.0	0	0	-	-
49	7H2L-6	51	20	0	0.0	0	0	-	-
50	7H2L-7	53	20	0	0.0	0	0	-	-
51	7H2L-8	50	0	0	-	0	0	-	-
52	7H2L-10	55	0	0	-	0	0	-	-
53	7H2L-12	56	21	0	0.0	0	0	-	-
54	7H2L-13	50	25	0	0.0	0	0	-	-
55	7H2L-15	53	16	0	0.0	0	0	-	-
56	7H2L-16	55	3	0	0.0	0	0	-	-
57	7H2L-18	55	16	0	0.0	0	0	-	-
58	7H2L-19	52	16	0	0.0	0	0	-	-
59	7H2L-21	55	16	0	0.0	0	0	-	-
60	7H2L-22	nd	8	0	0.0	0	0	-	-
61	7H2L-23	55	23	0	0.0	0	0	-	-
62	7H2L-24	50	16	0	0.0	0	0	-	-
63	7H2L-25	54	17	0	0.0	0	0	-	-
64	7H2L-26	54	20	0	0.0	0	0	-	-
65	7H2L-27	51	17	0	0.0	0	0	-	-
66	7H2L-28	54	16	0	0.0	0	0	-	-
67	7H2L-29	53	16	0	0.0	0	0	-	-
68	7H2L-30	52	17	3	17.6	200	115.3	0.58	67
69	7H2L-31	54	16	0	0.0	0	0	-	-
70	7H2L-32	52	25	2	8.0	58	32.4	0.56	29
71	7H2L-33	55	16	0	0.0	0	0	-	-
72	7H2L-35	54	8	0	0.0	0	0	-	-
73	7H2L-36	53	2	0	0.0	0	0	-	-
74	7H2L-37	56	20	0	0.0	0	0	-	-
75	7H2L-38	54	12	0	0.0	0	0	-	-
76	7H2L-39	54	8	0	0.0	0	0	-	-
77	7H2L-40	51	9	0	0.0	0	0	-	-
78	7H2L-41	55	21	0	0.0	0	0	-	-
79	7H2L-42	53	0	0	-	0	0	-	-
80	7H2L-43	52	16	0	0.0	0	0	-	-
81	7H2L-44	50	17	0	0.0	0	0	-	-
82	7H2L-45	56	21	0	0.0	0	0	-	-
83	7H2L-46	54	20	0	0.0	0	0	-	-
84	7H2L-48	51	20	0	0.0	0	0	-	-
85	7H2L-49	54	0	0	-	0	0	-	-
86	7H2L-50	54	24	0	0.0	0	0	-	-
87	7H2L-53	51	11	0	0.0	0	0	-	-
88	7H2L-55	nd	20	0	0.0	0	0	-	-
89	7H2L-56	54	20	0	0.0	0	0	-	-

nd=not determined