

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

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Author names: Kazuyoshi Hosaka and Rena Sanetomo

Affiliation: Potato Germplasm Enhancement Laboratory, Obihiro University of Agriculture and Veterinary Medicine

E-mail address of the corresponding author: spudman@obihiro.ac.jp

Supplementary Table 3 Somatic chromosome number and crossability of 89 BC₁ genotypes in crosses of D × 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	17	0	0.0	0	0	-	-
2	7H2S-2	57	16	0	0.0	0	0	-	-
3	7H2S-3	54	23	0	0.0	0	0	-	-
4	7H2S-4	55	29	3	10.3	40	25.4	0.64	13
5	7H2S-5	53	19	9	47.4	117	84	0.72	13
6	7H2S-6	52	17	0	0.0	0	0	-	-
7	7H2S-7	54	22	0	0.0	0	0	-	-
8	7H2S-9	51	17	1	5.9	50	9.5	0.19	50
9	7H2S-11	51	17	0	0.0	0	0	-	-
10	7H2S-13	56	20	0	0.0	0	0	-	-
11	7H2S-14	51	20	0	0.0	0	0	-	-
12	7H2S-15	55	25	0	0.0	0	0	-	-
13	7H2S-16	54	18	0	0.0	0	0	-	-
14	7H2S-17	54	16	0	0.0	0	0	-	-
15	7H2S-18	54	19	4	21.1	184	57.0	0.31	46
16	7H2S-19	53	21	12	57.1	216	137	0.64	18
17	7H2S-20	54	31	4	12.9	29	23.3	0.80	7
18	7H2S-21	53	17	1	5.9	22	15	0.70	22
19	7H2S-22	52	18	6	33.3	222	135.4	0.61	37
20	7H2S-23	55	24	0	0.0	0	0	-	-
21	7H2S-24	53	22	0	0.0	0	0	-	-
22	7H2S-25	55	17	0	0.0	0	0	-	-
23	7H2S-26	53	1	0	0.0	0	0	-	-
24	7H2S-27	56	19	0	0.0	0	0	-	-
25	7H2S-28	51	18	9	50.0	283	178	0.63	31
26	7H2S-29	56	20	2	10.0	9	8	0.92	5
27	7H2S-30	55	18	0	0.0	0	0	-	-
28	7H2S-32	55	19	0	0.0	0	0	-	-
29	7H2S-33	49	20	1	5.0	6	2	0.38	6
30	7H2S-34	53	21	5	23.8	111	81	0.73	22
31	7H2S-35	50	17	3	17.6	103	42	0.41	34
32	7H2S-36	54	17	2	11.8	26	17	0.64	13
33	7H2S-37	53	19	0	0.0	0	0	-	-
34	7H2S-38	54	18	0	0.0	0	0	-	-
35	7H2S-39	54	20	0	0.0	0	0	-	-
36	7H2S-41	58	26	0	0.0	0	0	-	-
37	7H2S-42	51	0	0	-	0	0	-	-
38	7H2S-43	50	7	4	57.1	67	33	0.50	17
39	7H2S-44	52	16	0	0.0	0	0	-	-
40	7H2S-45	51	19	8	42.1	303	218	0.72	38
41	7H2S-46	53	16	0	0.0	0	0	-	-
42	7H2S-47	59	18	0	0.0	0	0	-	-
43	7H2S-49	58	16	0	0.0	0	0	-	-

44	7H2S-50	58	20	0	0.0	0	0	-	-
45	7H2S-51	52	0	0	-	0	0	-	-
46	7H2L-2	53	17	8	47.1	240	151	0.63	30
47	7H2L-3	56	26	2	7.7	34	27	0.80	17
48	7H2L-5	54	8	0	0.0	0	0	-	-
49	7H2L-6	51	20	9	45.0	93	73	0.79	10
50	7H2L-7	53	26	6	23.1	196	133	0.68	33
51	7H2L-8	50	0	0	-	0	0	-	-
52	7H2L-10	55	20	0	0.0	0	0	-	-
53	7H2L-12	56	20	0	0.0	0	0	-	-
54	7H2L-13	50	17	3	17.6	64	27.2	0.43	21
55	7H2L-15	53	27	3	11.1	80	49.1	0.61	27
56	7H2L-16	55	21	8	38.1	196	140	0.72	25
57	7H2L-18	55	17	0	0.0	0	0	-	-
58	7H2L-19	52	17	0	0.0	0	0	-	-
59	7H2L-21	55	17	2	11.8	18	13.9	0.77	9
60	7H2L-22	nd	17	0	0.0	0	0	-	-
61	7H2L-23	55	17	0	0.0	0	0	-	-
62	7H2L-24	50	30	3	10.0	105	68.4	0.65	35
63	7H2L-25	54	17	0	0.0	0	0	-	-
64	7H2L-26	54	16	0	0.0	0	0	-	-
65	7H2L-27	51	21	0	0.0	0	0	-	-
66	7H2L-28	54	16	0	0.0	0	0	-	-
67	7H2L-29	53	22	0	0.0	0	0	-	-
68	7H2L-30	52	17	7	41.2	173	122.4	0.71	25
69	7H2L-31	54	21	2	9.5	9	4	0.43	5
70	7H2L-32	52	18	0	0.0	0	0	-	-
71	7H2L-33	55	18	6	33.3	138	104.7	0.76	23
72	7H2L-35	54	20	0	0.0	0	0	-	-
73	7H2L-36	53	21	0	0.0	0	0	-	-
74	7H2L-37	56	16	0	0.0	0	0	-	-
75	7H2L-38	54	20	0	0.0	0	0	-	-
76	7H2L-39	54	22	18	81.8	221	151	0.68	12
77	7H2L-40	51	17	0	0.0	0	0	-	-
78	7H2L-41	55	20	10	50.0	118	95	0.80	12
79	7H2L-42	53	20	0	0.0	0	0	-	-
80	7H2L-43	52	17	8	47.1	301	189.8	0.63	38
81	7H2L-44	50	18	7	38.9	435	301	0.69	62
82	7H2L-45	56	18	0	0.0	0	0	-	-
83	7H2L-46	54	19	0	0.0	0	0	-	-
84	7H2L-48	51	21	0	0.0	0	0	-	-
85	7H2L-49	54	20	5	25.0	27	13	0.46	5
86	7H2L-50	54	18	0	0.0	0	0	-	-
87	7H2L-53	51	0	0	-	0	0	-	-
88	7H2L-55	nd	19	2	10.5	23	11	0.49	12
89	7H2L-56	54	20	0	0.0	0	0	-	-

nd=not determined