

Supplementary Table S1 The results of clubroot resistance identification of 164 F_{2:3} families

Names	Disease index	Names	Disease index	Names	Disease index	Names	Disease index
a002	26.27	a421	48.81	a902	54.84	b041	43.43
a003	75.26	a501	96.71	a907	39.20	b042	2.04
a102	85.74	a502	20.37	a910	15.53	b043	55.74
a103	6.03	a504	57.41	a912	62.96	b044	51.88
a201	0.53	a506	65.34	a913	61.58	b052	91.82
a209	64.88	a510	0.00	a922	29.47	b055	84.51
a215	0.00	a511	18.56	b001	66.63	b056	87.24
a217	96.80	a512	54.89	b002	92.22	b057	42.22
a219	44.07	a513	49.41	b003	88.91	b058	76.27
a220	37.92	a514	20.74	b004	35.19	b059	68.89
a221	93.60	a516	60.74	b005	1.34	b061	62.12
a301	97.94	a517	86.30	b006	86.94	b062	71.42
a302	12.50	a518	0.82	b007	95.14	b064	54.75
a303	6.74	a519	86.71	b008	27.78	b065	25.71
a304	76.07	a520	66.87	b009	0.00	b066	7.82
a307	54.37	a601	33.74	b010	85.56	b067	38.43
a308	56.22	a602	19.50	b011	95.19	b068	6.09
a311	62.59	a603	28.89	b012	63.08	b069	58.74
a313	51.23	a604	91.48	b015	30.42	b071	36.64
a314	13.33	a605	42.26	b016	68.40	b072	30.35
a316	0.00	a606	12.50	b017	87.16	b075	83.33
a317	75.22	a607	48.32	b018	80.68	b077	15.99
a318	31.72	a610	71.30	b020	28.09	b078	44.22
a320	90.13	a613	66.09	b021	22.84	b079	66.54
a401	19.01	a614	9.81	b022	62.26	b080	100.00
a402	48.23	a617	91.32	b023	50.77	b081	83.84
a403	26.30	a701	51.25	b025	18.56	b082	19.44
a404	1.85	a702	5.50	b026	59.69	b083	72.05
a405	28.20	a704	80.34	b027	23.05	b086	76.83
a406	53.99	a706	49.04	b028	77.69	b089	25.22
a407	35.39	a710	2.41	b030	0.00	b090	0.41
a408	71.01	a711	45.11	b031	33.18	b091	10.74
a409	19.40	a712	60.45	b032	1.39	b093	73.94
a410	0.00	a718	36.99	b033	26.54	b094	79.70
a411	1.11	a719	49.38	b034	71.60	b095	47.53
a412	97.41	a720	79.63	b035	68.99	b096	77.61
a415	33.33	a803	1.94	b036	23.70	b097	8.72
a416	39.14	a811	65.62	b037	31.48	b098	51.90
a417	5.85	a812	24.36	b038	34.01	b099	87.54
a418	53.76	a814	83.23	b039	77.55	b101	84.07
a420	4.54	a818	35.83	b040	3.24	b102	10.56