

**Supplemental Table S1.** Segregation analysis of *sdh1-1*.

The inheritance of *sdh1-1* was analyzed by counting kanamycin resistant and sensitive seedlings recovered from six selfed T<sub>2</sub> *SDH1-1/sdh1-1* plants. Kan<sup>r</sup>, kanamycin resistant; Kan<sup>s</sup>, kanamycin sensitive.

T <sub>2</sub>	Seedlings	Kan <sup>r</sup>	Kan <sup>s</sup>	Ratio	%Kan <sup>r</sup>
1	121	34	87	0.4:1	28
2	87	28	59	0.5:1	32
3	88	28	60	0.5:1	32
4	690	223	467	0.5:1	32
5	130	44	86	0.5:1	34
6	127	30	97	0.3:1	24
<b>Total</b>	<b>1243</b>	<b>387</b>	<b>856</b>	<b>0.5:1</b>	<b>31</b>