

Supplemental Table I. Segregation of *wpk1-umu1* seeds from self pollinated heterozygous plants.

Selfed ears	Normal	Mutant		p-value	Frequency of aborted (% aborted/mutant)
		wpk	aborted		
06F +/ <i>wpk1-umu1</i> a	79	24	0	0.69	0
06F +/ <i>wpk1-umu1</i> b	128	28	1	0.06	3.4
06F +/ <i>wpk1-umu1</i> c	146	34	2	0.10	5.6
06F +/ <i>wpk1-umu1</i> d	179	52	8	0.97	13.3
06F +/ <i>wpk1-umu1</i> e	108	12	5	0.003	29.4
06S +/ <i>wpk1-umu1</i> a	85	5	28	0.46	84.8
06S +/ <i>wpk1-umu1</i> b	172	15	23	0.02	60.5
06S +/ <i>wpk1-umu1</i> c	136	19	22	0.57	53.7
06S +/ <i>wpk1-umu1</i> d	198	61	21	0.10	25.6
06S +/ <i>wpk1-umu1</i> e	212	27	12	5×10^{-4}	30.8

wpk, typical *widow's peak* seeds shown in Figure 1A.

aborted, early-aborted seeds.

06F and 06S represent the 2006 fall and 2006 spring seasons, respectively.

χ^2 test were conducted and shown as the p-values with assumption that normal and mutants (wpk+aborted) segregate 3:1.