Supplemental Table S1. Segregation analysis of F_2 phenotype from crosses of *tutou2* and three varieties

Cross combinations	F_1 Phenotype	Segregation in F_2 wild type	*tutou2*	Total	χ^2 (3:1)	*P*-value
tutou2/IRAT129	Normal	2356	770	3126	0.2256	0.6348
tutou2/ZHONGHUA11	Normal	592	187	779	0.4112	0.5214
tutou2/IAC1300	Normal	972	305	1277	0.8481	0.3571