

Supplementary Table S2 Genetic analysis of the seeds in F₂ population of the segregating ears.

F ₂ population	Number of WT	Number of mutants	Expected ratio	Actual ratio	χ^2
B73 $\times$ <i>ven2</i>	3250	1062	3.06:1	3:1	0.31663
C733 $\times$ <i>ven2</i>	1823	603	3.02:1	3:1	0.02693