

S2 Table. The effect of *GNPI* revealed in the BC₅F₃ population derived from a near-isogenic line with BC₅F₂ heterozygous at the RM227–RM85 region and confirmed by BC₅F₄ family data.

Genotype		Plant number	X ² (1:2:1)	Phenotype	Additive effect	Dominant effect
	LT homozygotes	41		154.3		
GNP	Heterozygotes	80		203.4		
	TQ homozygotes	42	0.07	229.6	37.7	11.5