

Table 3 Connection between the genotype of *Pepy-2* locus and PepYLCIV resistance in the F₂ population

Genotype of <i>Pepy-2</i> locus ^z	Population size (<i>n</i>)	Number of plants ^y	
		Resistance	Susceptible
<i>Pepy-2/Pepy-2</i>	80	80	0
<i>Pepy-2/pepy-2</i>	152	152	0
<i>pepy-2/pepy-2</i>	3	0	3

^z Genotyping was conducted by PCR using primers CaRDR Indel 2F and R.

Pepy-2 and *pepy-2* indicate PG1-1 type and SCM334 type allele of *CaRDR3a*.

^y Begomovirus resistance of each individual was evaluated by graft inoculation of PepYLCIV.