

Table S5 Pairwise comparisons using Tukey HSD among groups on viral accumulation rate (values logarithm transformed) in transgenic and control lines upon BmNPV treatment was done after post-hoc analysis of the corresponding treatment factor using main effects in a one-way ANOVA.

	Lines	Mean Difference	Test Statistics	P level	Significance
Control	IE	0.5094	9.0023	0.0001	***
	MG(+/-)	1.0496	18.5470	0.0001	***
	MG(+)	0.5066	8.9521	0.0001	***
	MG(-)	0.7257	12.8241	0.0001	***
	MG(+) x MG(-)	0.9304	16.4417	0.0001	***
IE	MG(+/-)	0.5401	9.5448	0.0001	***
	MG(+)	-0.0028	0.0501	1.0000	
	MG(-)	0.2163	3.8219	0.0961	
	MG(+) x MG(-)	0.4210	7.4394	0.0002	***
MG(+/-)	MG(+)	-0.5430	9.5949	0.0001	***
	MG(-)	-0.3239	5.7229	0.0029	**
	MG(+) x MG(-)	-0.1191	2.1053	0.6732	
MG(+)	MG(-)	0.2191	3.8720	0.0888	
	MG(+) x MG(-)	0.4238	7.4896	0.0002	***
MG(-)	MG(+) x MG(-)	0.2047	3.6176	0.1308	

The significance between each of the groups was calculated as a *P* value. ***P* < 0.01; ****P* < 0.001.