

Isolation and Characterization of *Plutella xylostella*
Granulovirus Isolated in Korea

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We have isolated and characterized a *Plutella xylostella* granulovirus from dead larvae of *P. xylostella* and named PxGV-K1. The granule of PxGV-K1 has ovoidal shape with a approximate measure of 350-400 nm×150-200 nm, and each granule contained one single rod-shaped virion with a mean size of 150-180 nm×20-30 nm. Granulin of this virus had a molecular weight of about 29 kDa. Whereas the nucleotide sequence of the granulin gene was identical to that of previously reported PxGV, nucleotide sequences of putative p10 genes were slightly different from those of reported PxGV. These results suggest that the PxGV-K1 isolated in this study is a novel isolate containing different genomic information.