

Sequence Analysis and Comparison of Coat Protein Gene Homology of Barley Mild Mosaic Virus (BaMMV)

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In this report, we present findings based on the biology, serology, and nucleocapsid protein gene sequences of the barley mild mosaic virus (BaMMV). Disease symptoms showed rarely mosaic symptoms on the leaves. The result of RT-PCR showed that the nucleotide sequences of the capsid genes contain 753bp nucleotides encoding for deduced proteins of 251 amino acids. The capsid protein displayed nucleotides and amino acid sequence with similarities among strains. Based on this experiment, greatly classified four groups, especially the BaMMV related to BM-Nal of Japan strain.