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http://doi.org/10.1631/jzus.B2000255

JZUS-B

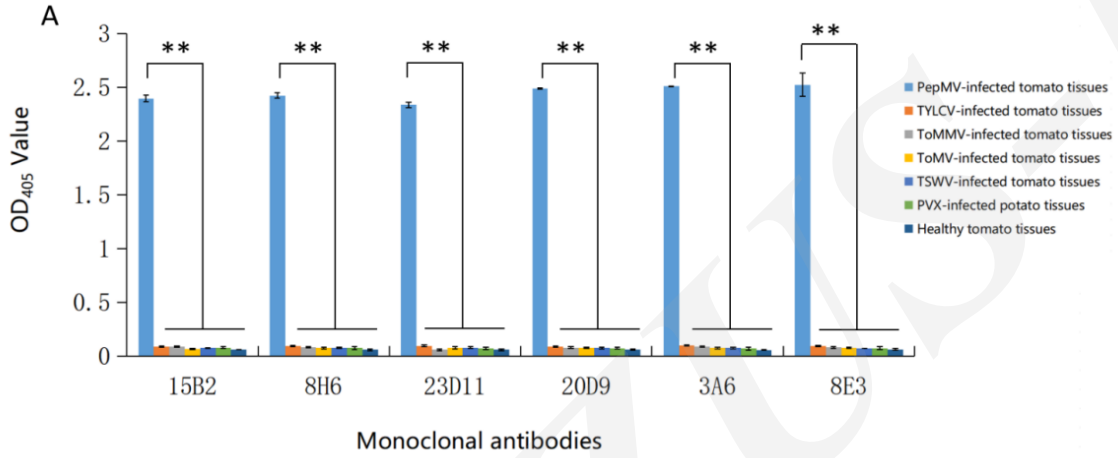
Highly sensitive serological approaches for *Pepino mosaic virus* detection

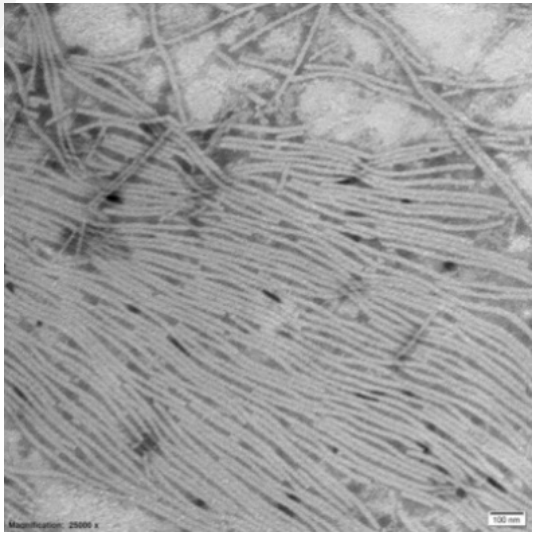
Key words: ***Pepino mosaic virus*, Monoclonal antibody, Serological method, DAS-ELISA, Dot-ELISA, Tissue print-ELISA**

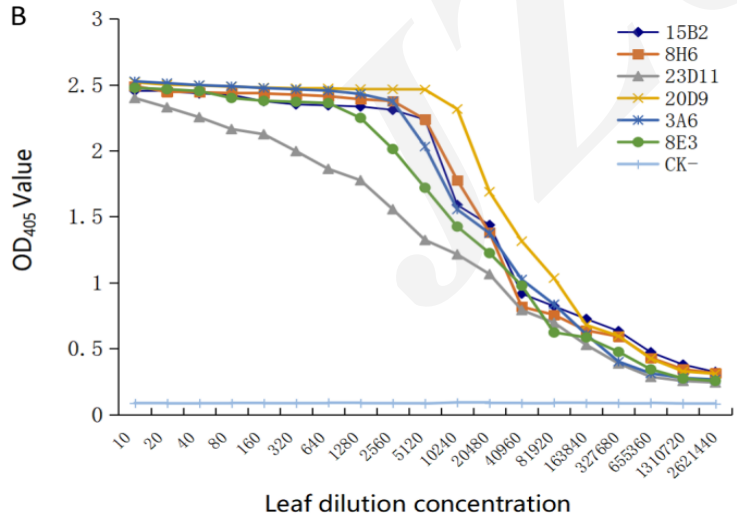
Research Summary

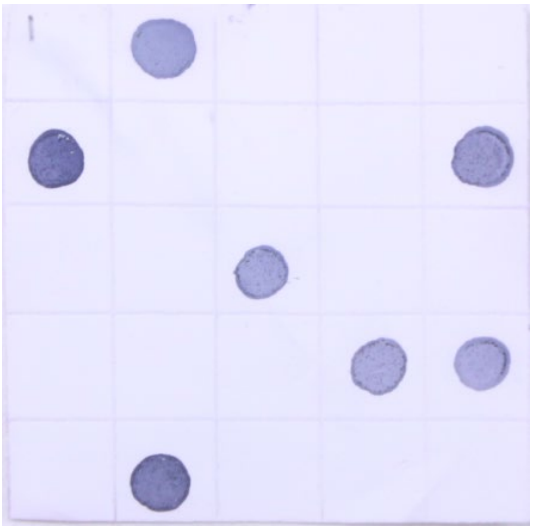
This study focused on the preparation of highly specific and sensitive monoclonal antibodies (MAbs) against Pepino mosaic virus, and serological assays for the virus detection:

- **Six highly specific and sensitive MAbs against PepMV were prepared**
- **Three serological approaches, DAS-ELISA, Dot-ELISA and Tissue print-ELISA were developed for monitor PepMV in plants**
- **PepMV was firstly found on tomato plants in China**









Innovation points

- **Production of six highly specific and sensitive MAbs against PepMV**
- **Establishment of highly specific and sensitive serological assays for PepMV detection**

