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The complete genome sequence of a new necrovirus isolated from *Olea europaea* L.

Brief Report

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Summary. The complete nucleotide sequence of a virus isolated from *Olea europaea* L. (GP isolate), previously identified as an isolate of *Tobacco necrosis virus D* (TNV-D) based on its coat protein sequence, was determined. The viral RNA genome consists of 3683 nucleotides and contains five open reading frames. The putative RNA-dependent RNA polymerase shows 91.2% amino acid identity with that of an isolate of *Olive latent virus 1* (OLV-1) and the coat protein reveals highest sequence identity with that of TNV-D. Based on the deduced genome organization and phylogenetic analysis of predicted functional translation products with that of other necroviruses, the GP isolate genome appears to represent an example of a new virus arisen by gene exchange and is proposed to be a new necrovirus, provisionally named Olive mild mosaic virus.

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A viral isolate (GP) serologically identified as tobacco necrosis virus (TNV) was detected for the first time in olive (*Olea europaea* L.), a crop that has a high economic importance in Portugal, by Félix and Clara [10]. According to the Seventh Report of the International Committee on Taxonomy of Viruses [30],

Note: Nucleotide sequence data reported is available in the GenBank database under the accession number AY616760.