Erratum
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An abstract was mistakenly omitted on page 1209 of "Abstracts of Presentations at the 1989 Annual Meeting of the American Phytopathological Society." The abstract was listed as presentation 594.


Genomic maps for the MAV, PAV, and RPV isolates of barley yellow dwarf virus (BYDV) were established from cDNA libraries constructed for each BYDV isolate. The cDNA libraries were constructed in a plasmid vector (pUC18) and a bacteriophage expression vector (λgt11). Immunological screening of the λgt11 cDNA libraries identified regions within each viral genome where immunologically recognizable lacZ fusion proteins, presumably the viral coat protein genes, were expressed. The nucleic acid sequences of these regions were determined and CP's corresponding to the viral coat proteins were identified. In vitro translation products produced from in vitro transcripts of the cloned BYDV coat protein gene corresponded to the authentic viral coat protein. The deduced amino acid sequences of these BYDV coat proteins showed sequence similarities with those from other luteoviruses, including other BYDV isolates.
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