

## Accepted Manuscript

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PII: S0168-1702(17)30485-9  
DOI: <https://doi.org/10.1016/j.virusres.2017.10.005>  
Reference: VIRUS 97259

To appear in: *Virus Research*

Received date: 15-6-2017  
Revised date: 4-10-2017  
Accepted date: 6-10-2017

Please cite this article as: Kumar, Alok, Bag, Manas Kumar, Singh, Ranbir, Jailani, A. Abdul Kader, Mandal, Bikash, Roy, Anirban, Natural infection of croton yellow vein mosaic virus and its cognate betasatellite in germplasm of different *Crambe* spp in India. *Virus Research* <https://doi.org/10.1016/j.virusres.2017.10.005>

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## Natural infection of croton yellow vein mosaic virus and its cognate betasatellite in germplasm of different *Crambe* spp in India

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### Highlights:

1. Germplasm of *Crambe* (industrial oil crop) showed a leaf curl disease for first time
2. A begomovirus and betasatellite have been completely characterized at molecular level
3. Sequencing indicated presence of CYVMV and CroYVMB with the disease.
4. Infectious agro-construct developed
5. Co-agroinoculation of CYVMV and CroYVMB produced typical leaf curl symptoms in *Crambe* confirming etiology of the disease
6. CYVMV can alone produce symptom in *Nicotiana benthamiana*
7. CYVMV alone or in presence of CroYVMB did not infect *Arabidopsis thaliana*

### Abstract

*Crambe* is an important crop grown worldwide for industrial oil and seed meal. Besides the fungal and bacterial diseases, the crop is reported to be infected by tobacco mosaic virus, beet

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