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## Publication

### 1W39: Crystal Structure Of An Artificial Top Component Of Turnip Yellow Mosaic Virus

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Empty capsids (artificial top component) of turnip yellow mosaic virus were co-crystallized with an encapsidation initiator RNA hairpin. No clear density was observed for the RNA, but there were clear differences in the conformation of a loop of the coat protein at the opening of the pentameric capsomer (formed by five A-subunits) protruding from the capsid, compared to the corresponding loop in the intact virus. Further differences were found at the N terminus of the A-subunit. These differences have implications for the mechanism of decapsidation of the virus, required for infection.

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