

	Experiment title: Virus structures. BAG: Uppsala (II)	Experiment number: LS-2187
Beamline: ID14-EH?	Date of experiment: from: 13 July 2002 to: 14 July 2002	Date of report: 23 Aug 2002
Shifts: 1?	Local contact(s): Dr. Sigrid KOZIELSKI (e-mail: stuhrman@esrf.fr)	<i>Received at ESRF:</i>
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Report:

Coxfoot mottle virus is a plant virus belonging to the sobemovirus family. These viruses are important plant pathogens, and a few structures are known of viruses from this family. Coxfoot mottle virus (CFMV) is distantly related to these viruses.

Two crystals forms of CfMV has been produced. A dataset to about 2.7 Å resolution was produced at this visit. The cell dimensions are a=293, b=539, C=557 Å, space group P212121. The structure has recently been solved using this data.