



Experiment title: HCV proteins

Experiment number:
LS-1664

Beamline:

ID-14-2

Date of experiment:

from: 28.02.00 to: 29.02.00

Date of report:

29.02.00

Shifts: 3

Local contact(s): W. Burgmeister

Received at ESRF:

Names and affiliations of applicants (* indicates experimentalists):

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IRBM, Rome

Report:

As our allocated beam time was scheduled for yesterday I can only supply this brief summary. In the next couple of weeks we will be in a position of providing a full report.

The IRBM group (Rome) is primarily interested in the structural biology of hepatitis C virus (HCV) proteins and other viral proteins from related virus families.

- HCV RNA dependent RNA polymerase (NS5B gene product): crystals of one protein construct, polymerase .C55 native and soaked in the presence of a small molecule inhibitor.
- HCV NS3 protein full length (one tetragonal and one cubic crystal form) complexed with a peptide cofactor NS4A and in a single chain construct.