ESRF	**Experiment title:** Cambridge Block Allocation Group Structure of a C-terminal extension mutant of rat nuclear transport factor 2 (NTF2)	**Experiment number:** LS1381
Beamline: ID14-EH3	**Date of experiment:** from: 05Feb99 to: 06Feb99	**Date of report:** 25/2/99
Shifts: 1	**Local contact(s):** Steffi Arzt, Wim Burmeister	*Received at ESRF:*

Names and affiliations of applicants (* indicates experimentalists):

Murray Stewart*, MRC Laboratory of Molecular Biology, Hills Road, Cambridge CB2 2QH, UK

Richard Bayliss*, MRC Laboratory of Molecular Biology, Hills Road, Cambridge CB2 2QH, UK

Report:

A complete 2.8 Å resolution data set was collected using the MRC CCD camera and is currently being processed.

ESRF

Experiment title:	Experiment number:
Cambridge Block Allocation Group Structure of a chloroplast F1-ATPase	LS1381

Beamline:	Date of experiment:	Date of report:
ID14-4	from: 1 February 99 to: 3 February 99	24/2/99
Shifts:	**Local contact(s):**	*Received at ESRF:*
1/2	Sean McSweeney	02 MAR. 1999

Names and affiliations of applicants (* indicates experimentalists):

Georg Groth*, Universität Düsseldorf, Germany
Daniela Stock*, MRC Laboratory of Molecular Biology, Cambridge, UK
A.G.W. Leslie* , MRC Laboratory of Molecular Biology, Cambridge, UK
J.E. Walker, MRC Laboratory of Molecular Biology, Cambridge, UK

Report:

Crystals of spinach chloroplast F1-ATPase were tested for the first time at a synchrotron. Currently they diffract to about 5.5 Å resolution. The diffraction pattern showed low mosaicity and sharp single spots. Indexing of the diffraction patterns suggests space group C2 with unit cell dimensions a=260Å, b=150Å, c=155Å, β=123°. The crystals clearly have to be improved in size and quality in order to collect a high-resolution dataset.

ESRF	**Experiment title:** Cambridge Block Allocation Group Structure of acute myeloid transcription factor 1 (AML1)	**Experiment number:** LS1381
Beamline: ID02B	**Date of experiment:** from: 4 February 99 to: 5 February 99	**Date of report:** 21/2/99
Shifts: 1	**Local contact(s):** Bjarne Rasmussen	*Received at ESRF:*

Names and affiliations of applicants (* indicates experimentalists):

Roger Williams*, MRC Laboratory of Molecular Biology, Hills Road, Cambridge, UK
Alan Warren*, MRC Laboratory of Molecular Biology, Hills Road, Cambridge, UK
Terry Rabbitts, MRC Laboratory of Molecular Biology, Hills Road, Cambridge, UK

Report:

The objective of our project is to determine the structure of the human transcription factor AML1. Crystals of this protein diffract to only low resolution on a rotating anode. We collected a data set (180°) for a putative heavy-atom derivative of the AML1 transcription factor. A low resolution data set (4.2 Å) was obtained using 2 s exposures. Analysis of this derivative is currently in progress.