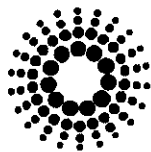


ESRF

Beamline: ID14-EH3	Experiment title: Cambridge Block Allocation Group Structure of a C-terminal extension mutant of rat nuclear transport factor 2 (NTF2)	Experiment number: LS1381
Shifts: 1	Date of experiment: from: 05Feb99 to: 06Feb99 Local contact(s): Steffi Arzt, Wim Burmeister	Date of report: 25/2/99 <i>Received at ESRF:</i>
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: Cambridge Block Allocation Group Structure of a chloroplast F1-ATPase	Experiment number: LS1381
Beamline: ID14-4	Date of experiment: from: 1 February 99 to: 3 February 99	Date of report: 24/2/99
Shifts: 1/2	Local contact(s): Sean McSweeney	<i>Received at ESRF:</i> 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 $a=260\text{\AA}$, $b=150\text{\AA}$, $c=155\text{\AA}$, $\beta=123^\circ$. 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	<i>Received at ESRF:</i>
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.		