



	<b>Experiment title:</b> BAG CBS Montpellier	<b>Experiment number:</b> MX-446
<b>Beamline:</b> ID 23-1	<b>Date of experiment:</b> from: 14th November to: 15th November 2005	<b>Date of report:</b> <b>23/02/06</b>
<b>Shifts:</b> 3	<b>Local contact(s):</b> Leonard Gordon	<i>Received at ESRF:</i>
<b>Names and affiliations of applicants (* indicates experimentalists):</b> Hoh Francois and Labesse Gilles		

### 1/. NAD kinase

22 datasets collected for 16 different compounds. 8 ligands were not visible.  
Complex with NAD and NADP were refined  
Refinement in progress for high lengthwave (1.7Å) datasets for the complex with NAD and NADP

### 2/. MOMP85h

Three datasets of native and 2 datasets of derivatives were collected (about 5Å). Very bad isomorphism between nat and der. Some potential HA sites were identified but no interpretable map

### 3/. Ccpn

Two data sets, of 180 images each, recorded on crystals formed by the CcpN regulatory domain, soaked with a mix of potential ligands. One dataset (2.5 Å resolution) showed significantly enlarged mosaicity, and a four times as big asymmetric unit (a and b were doubled), as compared to native crystals. Dataset 2 yielded good 2.0 Å data (Rmerge = 0.087, I/sigI = 21.8, 98.9% complete). Structural analysis showed that indeed one of the ligands is found fixed in the structure originating from dataset 2.

### 4/. Some tests on other subjects without diffraction (plcr+peptide, cggr, p14+PH-AKT)

This document was created with Win2PDF available at <http://www.win2pdf.com>.  
The unregistered version of Win2PDF is for evaluation or non-commercial use only.