



	Experiment title:	Experiment number: LS2094
Beamline: ID14-4	Date of experiment: from: 15-09/2001 to: 16-09-2001	Date of report: 26/7/02
Shifts: 3	Local contact(s): Julien LESCAR	<i>Received at ESRF:</i>
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Report:

One native data set of **cellular holo-** and **apo-retinol binding protein** from zebrafish were measure. Crystals were long needles, abput 0.5 mm in length and 0.01 in teh other two dimensions. Despite that, crsytals diffracted to high resolution (see following table) and the structure has been solved and the paper submitted.

DATA COLLECTION AND PROCESSING STATISTICS		
cRBP	Apo	Holo
Space group	I4	I4
Cell dimensions	A=b=88.76 c=38.44	a=b=89.02 c=38.27
Resolution (Å)	28 - 1.70 (1.79-1.70)	21 - 1.38 (1.45-1.38)
Total reflections	143455	144066
Unique reflections	16261	22248

Overall completeness (%)	97.7	82.4
Completeness in last resolution shell (%)	97.7	72.3
R _{sym} (%)	9.4 (29.4)	4.6 (23.4)
Multiplicity	3.4 (2.8)	3.0 (1.2)
$\langle I/\sigma(I) \rangle$	4.6 (2.1)	8.1 (2.9)

One native data set of of the Oxygen Evolving Enhancer complex protein 3 (OEE3) at 1.6 Angstrom resolution have been measured. The protein contains a Zn ion per protein molecule, but since at this beamline it is not possible to go to a wavelength corresponding to the Zn edge (1.28 Å), only a native data set was measured, and MAD data were postponed to a future date.

