

	<b>Experiment title: BAG-LEBS-2007-1</b>	<b>Experiment number: 30-01-796</b>
<b>Beamline:</b> BM30A	<b>Date of experiment:</b> from: 15-JUNE-07 at 8:30 to: 16-JUNE-07 at 8:00	<b>Date of report:</b> 20/2/08
<b>Shifts:</b> 3	<b>Local contact(s):</b> Franck BOREL (borel@ibs.fr)	<i>Received at ESRF:</i>
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## Report:

### **Pierre Briozzo, Yann Gohon (3 shift) project: Mutants and complex of Cytokinin oxidase with inhibitor and AMADH with NAD cofactor**

- We used the beamtime on 15 June from 8h am to 12h pm (2 shifts).

We successfully collected 3 complete data sets for crystals of:

- cytokinin oxidase from *Zea mays* complexed to its substrate IPR (isopentenyl riboside).

190 frames of 1°. High-resolution data set.

- cytokinin oxidase from *Zea mays* complexed to its inhibitor MZO2.

190 frames of 1°. High-resolution data set.

- aminoaldehyde dehydrogenase from *Pisum sativum*. (enzyme alone).

150 frames of 1°. Low resolution (3.5 Å).

In parallel, we got the first diffraction (very low resolution) with a crystal of laccase from the fungus *Trametes versicolor* in complex with a new anthraquinonic inhibitor.