



	Experiment title: BAG CBS Montpellier	Experiment number: MX-536
Beamline: ID 14-2	Date of experiment: from: 7th May to: 8th May 2007	Date of report: XXXX
Shifts: 3	Local contact(s):	<i>Received at ESRF:</i>
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/ NADK

Background: LmNADK1, is a tetrameric kinase from *Listeria monocytogenes* involved in the 2' phosphorylation of NAD.

Wild-type and mutant protein tested:

Purine derivatives soaked on crystals in I222 form of wild-type NAD kinase were tested, and four complete datasets were collected (resolution= 1.98-2.62 Å). Rsym: from 4.9 to 9.9 %. Best refinement ended with Rwork of 20.3 and Rfree of 23.8. Ligands present in mixture.

New crystal form with ligands. Refinement undertaken.

In conclusion, new complexes obtained.