

## **Feasibility of High-Throughput Determination of 3-Dimensional Structures of Proteins: Metal Analysis**

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Beamline(s): **X9B**

The 16 proteins identified for the pilot project were cloned and expressed in *E. Coli*. The cell pastes were analyzed for metal content by x-ray spectroscopy on beamline X-9B. P0001 was found to contain zinc, all other proteins were negative for metal content. P0001 is in its native state a Mn containing protein, in the expression system used it coordinated zinc.