

Experiment Report

Date: November 24th 2020

Beamline: ID23-1

Proposal ID: MX-2272 (Wohlwend)

Experimentators: Fernando Ormeño

I tested 8 different crystals of the Complex Amt-2:GlnK-2 from *Archaeoglobus fulgidus*. However, samples diffracted only poorly with a resolution limit of 7Å. In addition, I experienced serious issues with crystal stability in the beam. Accordingly, it is necessary to improve the fine-screening of crystallization buffers in the near future to optimise the diffraction behaviour of the protein complex crystals. Beamline support was excellent, but the automated beamline operation failed.