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The objectives of the Niefind group for this beamtime were (i) the determination of enzyme structures in complex with several significant ligands at various binding sites, (ii) the structure determination OCNDS-related CK2 α -mutants (Arg80Cys, Arg47Gly) and (iii) preparatory tests for an upcoming fragment-based crystal screen. While the latter tests were not successful, we obtained structures of the two OCNDS-linked mutants CK2 α^{Arg80Cys} and CK2 α^{Arg47Gly} and for a number of relevant enzyme/ligand complexes.

Two crystals of PPEP-3 wt were subjected to x-ray diffraction experiments.

PPEP3-wt PEGIONG11 was tried to center via x-ray centering. A characterization experiment revealed no protein diffraction. Nevertheless, the calculated strategy suggested a resolution limit of 2.7 Å. A 360 ° dataset was collected without giving any protein diffraction. Autoprocessing failed as expected.