

15.06.23 – ID23-1

The Niefind group made effective tests for an upcoming crystallographic fragment screening campaign. Further, diffraction data to determine structures of the OCNDS-related mutant CK2 α^{Tyr50Ser} and of several enzyme/ligand complexes were collected successfully.

We collected several complete datasets of the membrane binding domain 3 of the ER membrane-located copper transporter RAN1 from *Arabidopsis thaliana* to a resolution of approx. 1.9 Å. We were able to solve the structure using molecular replacement. However model and data have not yet been deposited in the PDB. A manuscript describing our findings is in preparation.