



	Experiment title: ISMB application, Birkbeck; School of Pharmacy & NPP, UCL; Biological and Chemical Sciences, Queen Mary College London. Barrett group	Experiment number: MX1983
Beamline: ID23-2 ID29	Date of experiment: from: 11/06/2018 to: 12/06/2018 from: 12/07/2018 to: 13/07/2018	Date of report: 25/02/2019
Shifts: 6	Local contact(s): Nanao M De Sanctis D	<i>Received at ESRF:</i>
Names and affiliations of applicants (* indicates experimentalists): Tracey Barrett, Birkbeck College, Institute of Structural and Molecular Biology		

Report:

ID23-2. 11 June 2018 / 12 June 2018:

Attempts were made to collect data on crystals of Tip49 incubated with human telomeric DNA. Whilst we were able to analyse some crystals that failed to diffract, most couldn't be tested owing to both soft and hardware problems. These included frequent connection losses and freezing of the sample changer robot that in the end resulted in useful beamtime being reduced by several hours.

ID29. 12 July 2018 / 13 July 2018

We were awarded this time based on the problems encountered on the previous ID-23 trip. Whilst all software and hardware functioned smoothly, the Tip49-telomeric DNA crystals diffracted to very low resolution where only test shots could be obtained.

