

Experimental report.

3-D crystals trials of ABCG2 were set up three-days before the beam-time at the IBS. Unfortunately, large 3-D crystals did not grow in time and thus the diffraction experiment did not succeed. Reproducible crystals have formed previously using this approach. It could be that the ABCG2 deteriorated during travel or the temperature of the cold-room may have fluctuated. Different ABCG2 batches will be attempted and a local crystal incubator could be sourced to ameliorate these difficulties in the future. It was suggested by Dr Ferrer to make my crystals at Imperial College and transport these in specialised plates. This approach will also be implemented. These experiments were therefore very useful to help me direct my future experiments.