



^{15}N -HSQC of a protein titrated with substrate

Eva Madland, 2018

Department of Biotechnology and Food Science
Norwegian University of Science and Technology (NTNU)

Field strength: 800 MHz

Why is this your favorite spectrum?

This is a beautiful example of a protein binding a substrate. The spectrum shows two amino acids that are affected by the addition of increased concentration of substrate (signal moving), and one amino acid that is not affected at all.

Comments: I have a huge respect for the magnet, and I'm always a bit afraid to do something wrong. This is the first experiment I ran completely by myself, and I feel that the magnet and I will be great friends after this success.