The project that I have mainly worked on is the yeast SNP project. I have gathered data from genome sequencing of yeast strains from the SGRP (http://www.sanger.ac.uk/research/projects/genomeinformatics/sgrp.html) and SNPs in TFBSs that were likely to be associated with cis-regulation in two yeast strains (RM and BY) (http://gbe.oxfordjournals.org/content/2/697.long). I have extracted the DNA seq from those sites and done DNA shape predictions and the next step is to compare that to another group of SNPs. Even if changes in shape are not statistically different between the two groups, we could still try to find potential candidates in which would be interesting to study TF binding that is influenced by different DNA shapes. This week I will compare the groups and get a list of potential candidates to look at.