

LabBook__06__05__2016

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Tuesday

I spent the morning reading about eQTLs, particularly how they are used in research pertaining to disease. I also read the FANTOM 5 paper.

Wednesday

I worked on creating an illustrative example of using Genome Translation Commons. The keynote file can be found in the GTX Example folder. David and I also spotted a lot of bugs I also began looking at Win's suggestion about the bidirectional promotor of C9orf72. I used the ZENBU platform to identify the non-coding RNA it's linked to and wrote down some notes on how you would investigate its role in C9orf72's activity. Obviously, as C9orf72 mutations cause TDP-43 pathology, this is interesting as the expansion mutation is in the promotor region. This means the mutation would also affect this ncRNA.

Thursday

I spent the morning talking with Wenbin about PCxN improvements. I understand at the moment that its functionality is most important as the reviewers will not care about usability, but I do believe that at some point these issues must be addressed. This is likely something the junior programmer would do.

In the afternoon.