

Project Title:

Measurement of Chromatin Architecture, and its Function in Regulating Neuronal Activity.

Name:

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1. Background and purpose of the project,
relationship of the project with other projects

The major goal was to investigate chromatin structure and gene expression changes in neurons at different activity states and/or neurons from mutants showing abnormal neuronal activities. The subgroup of neurons of interest is specific.

2. Specific usage status of the system and
calculation method

We are using Hokusai to process large amount of sequencing data.

3. Result

Due to experimental technical issues, we still working on generating enough samples for good sequencing data.

4. Conclusion

5. Schedule and prospect for the future

We should be able to get some data back within the first half of 2022.

6. If no job was executed, specify the reason.