

Project Title:

Measurement of Chromatin Architecture and its function in regulating neuronal activity.

Name:

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<p>1. Background and purpose of the project, relationship of the project with other projects</p> <p>The proposed project focusing on identify chromatin architecture changes in sensory neurons upon neuronal activity changes. I planned to use DamID seq to access chromatin bound by different markers associated with different chromatin status.</p> <p>2. Specific usage status of the system and calculation method</p> <p>3. Result</p> <p>4. Conclusion</p> <p>5. Schedule and prospect for the future</p> <p>6. If no job was executed, specify the reason.</p> <p>Firstly, for experiments that would generate data needs computational analysis, I modified the protocol from the original plan and am currently still testing the new protocol. In addition, during FY2021, there are many delays in acquiring reagents needed by the experiments proposed for project. Also, due to shortage of personals in the lab, the focus of the project also switched slightly. I was spending more</p>	<p>time on experiments which generate data would not need computational analysis.</p>
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