

Nov 04, 2020

Version 1

Patch-Seq Recording and Extraction Detailed Protocol V.1



Forked from [Patch-Seq Recording and Extraction](#)

DOI

<https://dx.doi.org/10.17504/protocols.io.bpbuminw>

Brian Lee¹, Kristen Hadley¹, Allen Institute for Brain Science¹

¹Allen Institute



Kristen Hadley

Create & collaborate more with a free account

Edit and publish protocols, collaborate in communities, share insights through comments, and track progress with run records.

Create free account

OPEN  ACCESS



DOI: <https://dx.doi.org/10.17504/protocols.io.bpbuminw>

Protocol Citation: Brian Lee, Kristen Hadley, Allen Institute for Brain Science 2020. Patch-Seq Recording and Extraction Detailed Protocol. [protocols.io https://dx.doi.org/10.17504/protocols.io.bpbuminw](https://dx.doi.org/10.17504/protocols.io.bpbuminw)

License: This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working

We use this protocol and it's working

Created: November 02, 2020

Last Modified: November 04, 2020

Protocol Integer ID: 44116

Keywords: Patch-Seq, patch seq, recording, electrophysiology, neuron, PF0301, patching, extraction, extracting, electrophysiological recording, seq recording, human brain slice, cellular contents from neuron, extraction protocol, extraction detailed protocol, extraction detailed protocol this protocol, postnatal mouse, patch,

Abstract

This protocol is a detailed version of the Allen Institute's Patch-Seq Recording and Extraction protocol, which describes the process to obtain electrophysiological recordings and cellular contents from neurons in postnatal mouse and/or human brain slices.

Note: Research reported in this publication was supported by the National Institute Of Mental Health of the National Institutes of Health under Award Number U19MH114830. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health.

Attachments



Patch-seq_detailed_m...

1.1MB

