

Resource Summary Report

Generated by T1D on Aug 2, 2026

commutator

RRID:SCR_023919

Type: Tool

Proper Citation

commutator (RRID:SCR_023919)

Resource Information

URL: https://github.com/Optophys-Lab/FreiBox/tree/main/Commutator_FreiBox2022

Proper Citation: commutator (RRID:SCR_023919)

Description: Affordable commutator that is equipped with novel sensing system that improves online tracking of cable rotations without impairing the 1-photon calcium imaging via Miniscope. Commutator to allow freely moving behaviors while recording neural activity from platforms such as Miniscope V4 and OpenEphys. Used to perform calcium imaging.

Synonyms: open source commutator, commutator, Freibox commutator

Resource Type: source code, software resource

Defining Citation: [PMID:37105720](https://pubmed.ncbi.nlm.nih.gov/37105720/)

Keywords: OpenBehavior, sensing system, online tracking, cable rotations, freely moving behaviors, recording neural activity, calcium imaging

Availability: Free, Available for download, Freely available

Resource Name: commutator

Resource ID: SCR_023919

Alternate URLs: <https://edspace.american.edu/openbehavior/project/freibox-and-an-open-source-commutator/>

Record Creation Time: 20230810T050223+0000

Record Last Update: 20260801T191300+0000

Ratings and Alerts

No rating or validation information has been found for commutator.

No alerts have been found for commutator.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.