

Resource Summary Report

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High-Precision Optical Fiber-Based Lickometer

RRID:SCR_026392

Type: Tool

Proper Citation

High-Precision Optical Fiber-Based Lickometer (RRID:SCR_026392)

Resource Information

URL: <https://github.com/fchampalimaud/optical-lickometer>

Proper Citation: High-Precision Optical Fiber-Based Lickometer (RRID:SCR_026392)

Description: Low-cost open-source lickometer that combines restricted infrared beam defined by optical fibers, with poke design that allows easy access to the tongue while limiting access of other body parts and external light sources. This device also includes features for detecting nose pokes and presenting visual cues during behavioral tasks. Used to study lick microstructure in combination with other techniques, such as imaging of neural activity, in freely moving mice.

Resource Type: source code, instrument resource, software resource

Defining Citation: [PMID:39025674](#)

Keywords: OpenBehavior, licking behavior, device, detecting nose pokes, presenting visual cues during behavioral tasks, study lick microstructure, imaging of neural activity, freely moving mice,

Availability: Free, Available for download, Freely available,

Resource Name: High-Precision Optical Fiber-Based Lickometer

Resource ID: SCR_026392

Alternate URLs: <https://edspace.american.edu/openbehavior/project/optical-fiber-based-lickometer/>

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Ratings and Alerts

No rating or validation information has been found for High-Precision Optical Fiber-Based Lickometer.

No alerts have been found for High-Precision Optical Fiber-Based Lickometer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.