

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 8, 2026

Feeding Experimentation Device project

RRID:SCR_015942

Type: Tool

Proper Citation

Feeding Experimentation Device project (RRID:SCR_015942)

Resource Information

URL: <https://github.com/KravitzLab/fed/wiki>

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Description: Flexible open-source device for measuring feeding behavior. FED measures food intake in mice. It is battery powered and designed to be used in rodent colony caging. Home cage-compatible feeding system that measures food intake with high accuracy and temporal resolution. FED offers alternative to commercial feeders, with convenience of use in tradition colony rack caging.

Abbreviations: FED

Synonyms: , FED1, FED2, Feeding Experimentation Device system, Feeding Experimentation Device

Resource Type: data or information resource, portal, topical portal

Defining Citation: [PMID:27060385](#)

Keywords: Feeding, food intake, optogenetic, behavioral data analysis, data analysis software, behavior apparatus, behavior rig, reward delivery, behavior measurement, homecage, Instrument, OpenBehavior

Funding: NIH

Availability: Commercially available

Resource Name: Feeding Experimentation Device project

Resource ID: SCR_015942

Alternate URLs: <https://github.com/KravitzLab/FED1>,
<https://edspace.american.edu/openbehavior/project/feeding-experimentation-device/>,
<https://hackaday.io/project/72964-feeding-experimentation-device-fed-20>

License: MIT License

Record Creation Time: 20220129T080328+0000

Record Last Update: 20260905T132801+0000

Ratings and Alerts

No rating or validation information has been found for Feeding Experimentation Device project.

No alerts have been found for Feeding Experimentation Device project.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Mueller M, et al. (2025) The SnackerTracker: A novel home-cage monitoring device for measuring food-intake and food-seeking behaviour in mice. Wellcome open research, 10, 172.