

Resource Summary Report

Generated by T1D on Jul 30, 2026

Open Face Homecade Running Wheel

RRID:SCR_023642

Type: Tool

Proper Citation

Open Face Homecade Running Wheel (RRID:SCR_023642)

Resource Information

URL: <https://github.com/borglandlab/RunningWheel/>

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Description: Open source, printable, open faced running wheels for mice residing in home cage that is automated to collect locomotor information such as distance traveled, wheel direction, and velocity. Running wheel system available on GitHub contains code and information to create and run running wheels. System consists of 3D printed wheel, Raspberry Pi 0 W, and supporting components.

Resource Type: instrument resource, software resource

Defining Citation: [PMID:36241420](https://pubmed.ncbi.nlm.nih.gov/36241420/)

Keywords: Running wheels for mice, OpenBehavior, instrument, running wheels, 3D printed wheel,

Availability: Free, Available for download, Freely available

Resource Name: Open Face Homecade Running Wheel

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Alternate URLs: <https://edspace.american.edu/openbehavior/project/running-wheel/>

Record Creation Time: 20230602T050209+0000

Record Last Update: 20260729T044559+0000

Ratings and Alerts

No rating or validation information has been found for Open Face Homecade Running Wheel.

No alerts have been found for Open Face Homecage Running Wheel.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.