

Resource Summary Report

Generated by SPARC SAWG on Jul 29, 2026

DIY-NAMIC project

RRID:SCR_021489

Type: Tool

Proper Citation

DIY-NAMIC project (RRID:SCR_021489)

Resource Information

URL: <https://edspace.american.edu/openbehavior/project/diynamic/>

Proper Citation: DIY-NAMIC project (RRID:SCR_021489)

Description: Project is related to measurement of complex phenotypes in homecage. Homecage automated open source behavioral testing system to enable high throughput 24h testing of many standard operant paradigms. Using Arduino platform and easily sourced inexpensive components system can display light cues and dispense liquid rewards and has nosepoke receptacles with infrared detectors for operant responses, within homecage. Method provided by Dartmouth College scientists.

Synonyms: DIY-NAMIC

Resource Type: instrument resource, project portal, portal, data or information resource

Defining Citation: [DOI:10.1523/eneuro.0160-20.2020](https://doi.org/10.1523/eneuro.0160-20.2020)

Keywords: Behavioral testing system, homecage, Arduino platform, dispense liquid rewards, nosepoke receptacles, infrared detectors, OpenBehavior, Instrument

Availability: Free, Freely available

Resource Name: DIY-NAMIC project

Resource ID: SCR_021489

Record Creation Time: 20220129T080355+0000

Record Last Update: 20260729T044514+0000

Ratings and Alerts

No rating or validation information has been found for DIY-NAMIC project.

No alerts have been found for DIY-NAMIC project.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.