

Resource Summary Report

Generated by PRECISE-TBI on Sep 17, 2026

B-CALM

RRID:SCR_023884

Type: Tool

Proper Citation

B-CALM (RRID:SCR_023884)

Resource Information

URL: <https://github.com/namboodirilab/B-CALM>

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Description: Open source system for behavioral control based on Arduino Mega microcontroller and MATLAB based graphical interface and analysis code. Behavior controller optimized and customized for associative learning and memory tasks. Provided software should be able to control many different types of hardware for different task configurations.

Resource Type: instrument resource, software resource

Defining Citation: [PMID:37464151](https://pubmed.ncbi.nlm.nih.gov/37464151/)

Keywords: OpenBehavior, instrument, behavioral controller, associative learning and memory,

Funding: NIAAA R01AA029661;
NIMH R00MH118422;
NIMH R01MH129582;
Scott Alan Myers Endowed Professorship

Availability: Free, Available for download, Freely available

Resource Name: B-CALM

Resource ID: SCR_023884

Alternate URLs: <https://edspace.american.edu/openbehavior/project/b-calm/>

Record Creation Time: 20230728T050208+0000

Record Last Update: 20260912T200306+0000

Ratings and Alerts

No rating or validation information has been found for B-CALM.

No alerts have been found for B-CALM.

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](#) .

Floeder JR, et al. (2025) Mesolimbic dopamine ramps reflect environmental timescales. eLife, 13.