# **Resource Summary Report**

Generated by <u>dkNET</u> on Apr 26, 2025

# **RodentJoystick**

RRID:SCR\_023482 Type: Tool

#### **Proper Citation**

RodentJoystick (RRID:SCR\_023482)

#### **Resource Information**

URL: https://edspace.american.edu/openbehavior/project/rodentjoystick/

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**Description:** Project features single board real time input/output system including touch sensing joysticks to quantify mouse forelimb trajectories with micron millisecond spatiotemporal resolution, which resolves mouse forelimb kinematics and further allows extraction of primitives. Joystick increases spatial precision, and reduces displacement force. Joystick is then integrated into automated home cage system to train mice in center out reach task.

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

Defining Citation: PMID:30540551

**Keywords:** OpenBehavior, touch sensing joysticks, quantify mouse forelimb trajectories, micron millisecond spatiotemporal resolution, mouse forelimb kinematics, instrument

Funding:

Availability: Free, Freely available

Resource Name: RodentJoystick

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Alternate URLs: https://github.com/GoldbergLab/RodentJoystick/wiki

Record Creation Time: 20230421T050214+0000

#### **Ratings and Alerts**

No rating or validation information has been found for RodentJoystick.

No alerts have been found for RodentJoystick.

### Data and Source Information

Source: <u>SciCrunch Registry</u>

## **Usage and Citation Metrics**

We have not found any literature mentions for this resource.