## **Resource Summary Report**

Generated by NIF on Apr 27, 2025

# Two photon Calcium Imaging in Mice Navigating Virtual Reality Environment

RRID:SCR\_021217 Type: Tool

**Proper Citation** 

Two photon Calcium Imaging in Mice Navigating Virtual Reality Environment (RRID:SCR\_021217)

### **Resource Information**

URL: <u>https://www.jove.com/t/50885/two-photon-calcium-imaging-mice-navigating-virtual-reality</u>

**Proper Citation:** Two photon Calcium Imaging in Mice Navigating Virtual Reality Environment (RRID:SCR\_021217)

**Description:** Behavioral two photon imaging system. Includes two photon scanning microscope, software and virtual reality set up. Used for chronic two photon imaging in mice exploring virtual environment. Tool in neuroscience to allow for chronic measurement of activity of genetically identified cells during behavior.

Synonyms: Two-photon Calcium Imaging in Mice Navigating a Virtual Reality Environment

Resource Type: software resource, software application

Defining Citation: PMID:24637961

**Keywords:** Virtual reality imaging, two photon imaging, mouse cortex, mouse behavior, visual stimulation, two photon scanning microscope

#### Funding:

**Resource Name:** Two photon Calcium Imaging in Mice Navigating Virtual Reality Environment

Resource ID: SCR\_021217

Record Creation Time: 20220129T080354+0000

Record Last Update: 20250421T054331+0000

## **Ratings and Alerts**

No rating or validation information has been found for Two photon Calcium Imaging in Mice Navigating Virtual Reality Environment.

No alerts have been found for Two photon Calcium Imaging in Mice Navigating Virtual Reality Environment.

## Data and Source Information

Source: <u>SciCrunch Registry</u>

## **Usage and Citation Metrics**

We have not found any literature mentions for this resource.