

# Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

## Markerless Mouse Tracking for Social Experiments

RRID:SCR\_025368

Type: Tool

### Proper Citation

Markerless Mouse Tracking for Social Experiments (RRID:SCR\_025368)

### Resource Information

**URL:** <https://github.com/MaSoMoTr/MaSoMoTr>

**Proper Citation:** Markerless Mouse Tracking for Social Experiments (RRID:SCR\_025368)

**Description:** Markerless video-based tool to simultaneously track two interacting mice of the same appearance in controlled settings for quantifying behaviors such as different types of sniffing, touching, and locomotion to improve tracking accuracy under these settings without increased human effort. It incorporates conventional handcrafted tracking and deep-learning-based techniques. The tool is trained on small number of manually annotated images from basic experimental setup and outputs body masks and coordinates of the snout and tail-base for each mouse.

**Abbreviations:** MaSoMoTr

**Resource Type:** software resource, source code

**Defining Citation:** [DOI:10.1523/ENEURO.0154-22.2023](https://doi.org/10.1523/ENEURO.0154-22.2023)

**Keywords:** OpenBehavior, simultaneously track two interacting mice, controlled settings for quantifying behaviors, sniffing, touching, locomotion,

**Availability:** Free, Available for download, Freely available

**Resource Name:** Markerless Mouse Tracking for Social Experiments

**Resource ID:** SCR\_025368

**Alternate URLs:** <https://edspace.american.edu/openbehavior/project/masomotr/>

**License:** GNU GPL v3

**Record Creation Time:** 20240524T053223+0000

**Record Last Update:** 20260821T194308+0000

---

## Ratings and Alerts

No rating or validation information has been found for Markerless Mouse Tracking for Social Experiments.

No alerts have been found for Markerless Mouse Tracking for Social Experiments.

---

## Data and Source Information

**Source:** [SciCrunch Registry](#)

---

## Usage and Citation Metrics

We have not found any literature mentions for this resource.