

Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

ezTrack

RRID:SCR_021496

Type: Tool

Proper Citation

ezTrack (RRID:SCR_021496)

Resource Information

URL: <https://github.com/denisecailab/ezTrack>

Proper Citation: ezTrack (RRID:SCR_021496)

Description: Open source video analysis pipeline for investigation of animal behavior. Platform independent set of behavior analysis pipelines using interactive Python (iPython/Jupyter Notebook) that researchers with no prior programming experience can use.

Resource Type: software toolkit, data analysis software, software application, software resource, data processing software

Defining Citation: [DOI:10.1038/s41598-019-56408-9](https://doi.org/10.1038/s41598-019-56408-9)

Keywords: Track animal location, track motion, track animal freezing, OpenBehavior

Availability: Free, Available for download, Freely Available

Resource Name: ezTrack

Resource ID: SCR_021496

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

License: GNU General Public License

Record Creation Time: 20220129T080355+0000

Record Last Update: 20260801T042837+0000

Ratings and Alerts

No rating or validation information has been found for ezTrack.

No alerts have been found for ezTrack.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Morningstar AR, et al. (2025) Early life stress modulates behavioral sensitivity to alcohol and promotes escalation of alcohol drinking. bioRxiv : the preprint server for biology.

Raccuglia D, et al. (2025) Network synchrony creates neural filters promoting quiescence in Drosophila. Nature, 646(8085), 667.

Dong Z, et al. (2025) Simultaneous two-color imaging with a dual-channel miniscope in freely behaving mice. Science advances, 11(27), eadr6470.

Ciscato M, et al. (2025) Covalent anchoring of tethered ligands to chemogenetic handles for targeted in vivo neuropharmacology. STAR protocols, 6(4), 104186.

Palchaudhuri S, et al. (2025) A posterior insula to lateral amygdala pathway transmits US-offset information with a limited role in fear learning. Cell reports, 44(2), 115320.

P??pplau JA, et al. (2024) Reorganization of adolescent prefrontal cortex circuitry is required for mouse cognitive maturation. Neuron, 112(3), 421.

Kintscher M, et al. (2023) A striatal circuit balances learned fear in the presence and absence of sensory cues. eLife, 12.

Belilos A, et al. (2023) Nucleus accumbens local circuit for cue-dependent aversive learning. Cell reports, 42(12), 113488.

Shao S, et al. (2023) Ventral hippocampal CA1 modulates pain behaviors in mice with peripheral inflammation. Cell reports, 42(1), 112017.

McElroy DL, et al. (2020) Implementation of ezTrack open-source pipeline for quantifying rat locomotor behavior: Comparison to commercially available software. Neuroscience letters, 723, 134839.