

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

ToxTrac

RRID:SCR_021502

Type: Tool

Proper Citation

ToxTrac (RRID:SCR_021502)

Resource Information

URL: <https://sourceforge.net/projects/toxtrac/>

Proper Citation: ToxTrac (RRID:SCR_021502)

Description: Software tool for tracking organisms.

Resource Type: data processing software, image processing software, software resource, software application

Defining Citation: [DOI:10.1111/2041-210x.12874](https://doi.org/10.1111/2041-210x.12874)

Keywords: Tracking organisms, tracking fish, tracking insects, tracking rodents, behavior measurement, freely moving, OpenBehavior

Availability: Free, Available for download, Freely Available

Resource Name: ToxTrac

Resource ID: SCR_021502

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

License: GNU General Public License

Record Creation Time: 20220129T080355+0000

Record Last Update: 20260818T043649+0000

Ratings and Alerts

No rating or validation information has been found for ToxTrac.

No alerts have been found for ToxTrac.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Gaikwad AS, et al. (2025) Functional and clinical insights into nuclear receptor variants for advancing precision diagnostics in male infertility. *EBioMedicine*, 119, 105899.

Tettevi EJ, et al. (2025) Antibiotic-Induced Gut Dysbiosis Modulates Alzheimer's Disease-Associated Gene Expression and Protein Aggregation in 3xTg-AD Mice via the Gut-Brain Axis. *Brain and behavior*, 15(10), e70946.

Balatskyi VA, et al. (2025) Kefir enhances stress resilience and mitigates PTSD-related behavioral and hematological changes in mice. *Frontiers in physiology*, 16, 1682807.

Wu M, et al. (2024) Dopamine pathways mediating affective state transitions after sleep loss. *Neuron*, 112(1), 141.

Chen Y, et al. (2024) Engrailed1 in Parvalbumin-Positive Neurons Regulates Eye-Specific Retinogeniculate Segregation and Visual Function. *Journal of neuroscience research*, 102(12), e70007.

Krzystyniak A, et al. (2022) Combination of dasatinib and quercetin improves cognitive abilities in aged male Wistar rats, alleviates inflammation and changes hippocampal synaptic plasticity and histone H3 methylation profile. *Aging*, 14(2), 572.

Martinho R, et al. (2021) Sotalol Treatment may Interfere With Retrieval, Expression, and/or Reconsolidation Processes Thus Disrupting Traumatic Memories in a Post-Traumatic Stress Disorder Mice Model. *Frontiers in pharmacology*, 12, 809271.

Kontou G, et al. (2021) Miro1-dependent mitochondrial dynamics in parvalbumin interneurons. *eLife*, 10.

Sachkova MY, et al. (2021) Neuropeptide repertoire and 3D anatomy of the ctenophore nervous system. *Current biology : CB*, 31(23), 5274.

Martinho R, et al. (2021) Treatment With Nepicastat Decreases Contextual Traumatic Memories Persistence in Post-traumatic Stress Disorder. *Frontiers in molecular neuroscience*, 14, 745219.

Chan J, et al. (2021) Closing the Critical Period Is Required for the Maturation of Binocular Integration in Mouse Primary Visual Cortex. *Frontiers in cellular neuroscience*, 15, 749265.