

Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

NeuroAnatomy Toolbox

RRID:SCR_016716

Type: Tool

Proper Citation

NeuroAnatomy Toolbox (RRID:SCR_016716)

Resource Information

URL: <http://jefferis.github.io/nat/>

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Description: Software R package for the (3D) visualisation and analysis of biological image data, especially tracings of single neurons in the context of 3D brain structures.

Abbreviations: nat, NAT

Synonyms: NeuroAnatomy Toolbox, neuroanatomy toolbox, Neuro Anatomy Toolbox, neuro anatomy toolbox

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

Defining Citation: [DOI:10.5281/zenodo.10171](https://doi.org/10.5281/zenodo.10171)

Keywords: biological, image, data, visualization, analysis, tracing, single, neuron, 3D, structure, brain

Availability: Free, Available for download, Freely available

Resource Name: NeuroAnatomy Toolbox

Resource ID: SCR_016716

Alternate URLs: <https://cran.r-project.org/web/packages/nat/index.html>,

License: GPL-3

Record Creation Time: 20220129T080332+0000

Record Last Update: 20260801T042803+0000

Ratings and Alerts

No rating or validation information has been found for NeuroAnatomy Toolbox.

No alerts have been found for NeuroAnatomy Toolbox.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Sterne GR, et al. (2021) Classification and genetic targeting of cell types in the primary taste and premotor center of the adult *Drosophila* brain. *eLife*, 10.

F??rster D, et al. (2020) Retinotectal circuitry of larval zebrafish is adapted to detection and pursuit of prey. *eLife*, 9.

Dolan MJ, et al. (2019) Neurogenetic dissection of the *Drosophila* lateral horn reveals major outputs, diverse behavioural functions, and interactions with the mushroom body. *eLife*, 8.

Kramer A, et al. (2019) Neuronal Architecture of a Visual Center that Processes Optic Flow. *Neuron*, 103(1), 118.

Dolan MJ, et al. (2018) Communication from Learned to Innate Olfactory Processing Centers Is Required for Memory Retrieval in *Drosophila*. *Neuron*, 100(3), 651.