Resource Summary Report

Generated by dkNET on May 22, 2025

Neural Circuit Tracer

RRID:SCR_000116
Type: Tool

Proper Citation

Neural Circuit Tracer (RRID:SCR_000116)

Resource Information

URL: http://neurogeometry.net/

Proper Citation: Neural Circuit Tracer (RRID:SCR_000116)

Description: Open source software for automated and manual tracing of neurites from light microscopy stacks of images. NCTracer 2.0 is developed for the Windows 7, 64-bit operating system and requires a minimum of 4 GB of RAM. This version does not run on 32-bit computers, Mac or Linux OS.

Abbreviations: NCTracer

Resource Type: software resource

Defining Citation: PMID:21562803

Keywords: neuronal circuit, neuron tracing, branch structure, automated tracing

Funding: NINDS NS063494

Resource Name: Neural Circuit Tracer

Resource ID: SCR_000116

Alternate IDs: nlx_152603

Alternate URLs: https://bpb-us-w2.wpmucdn.com/sites.northeastern.edu/dist/9/312/files/2020/09/User-Guide-V-4-0.pdf

Record Creation Time: 20220129T080159+0000

Record Last Update: 20250519T203043+0000

Ratings and Alerts

No rating or validation information has been found for Neural Circuit Tracer.

No alerts have been found for Neural Circuit Tracer.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Murugesapillai D, et al. (2017) Accurate nanoscale flexibility measurement of DNA and DNA-protein complexes by atomic force microscopy in liquid. Nanoscale, 9(31), 11327.

Uchida A, et al. (2017) Unexpected sequences and structures of mtDNA required for efficient transcription from the first heavy-strand promoter. eLife, 6.