

Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

[xyz2swc](#)

RRID:SCR_023317

Type: Tool

Proper Citation

xyz2swc (RRID:SCR_023317)

Resource Information

URL: <https://neuromorpho.org/xyz2swc/ui/>

Proper Citation: xyz2swc (RRID:SCR_023317)

Description: Web service that converts all 30 reconstruction formats (and 65 variations) described in scientific literature into SWC standard. Service is available open-source through user-friendly browser interface and Application Programming Interface.

Resource Type: data access protocol, software resource, web service

Keywords: reconstruction formats conversion, formats conversion into SWC standard, SWC standard,

Availability: Free, Freely available

Resource Name: xyz2swc

Resource ID: SCR_023317

Old URLs: <https://neuromorpho.org/xyz2swc/>

Record Creation Time: 20230304T050210+0000

Record Last Update: 20260905T133022+0000

Ratings and Alerts

No rating or validation information has been found for xyz2swc.

No alerts have been found for xyz2swc.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Blankenship HE, et al. (2025) Enhanced synaptic excitation of VTA dopamine neurons in a mouse model of Alzheimer's disease. bioRxiv : the preprint server for biology.

Tecuatl C, et al. (2024) Accelerating the continuous community sharing of digital neuromorphology data. FASEB bioAdvances, 6(7), 207.

Mehta K, et al. (2023) Online conversion of reconstructed neural morphologies into standardized SWC format. Nature communications, 14(1), 7429.