

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

DeepSlice

RRID:SCR_023854

Type: Tool

Proper Citation

DeepSlice (RRID:SCR_023854)

Resource Information

URL: <https://github.com/PolarBean/DeepSlice?>

Proper Citation: DeepSlice (RRID:SCR_023854)

Description: Software Python package which aligns histology to the Allen Brain Atlas and Waxholm rat atlas using deep learning.

Resource Type: software resource, software toolkit

Keywords: Allen Mouse Brain Atlas, Common Coordinate Framework, Allen Brain Atlas, Waxholm rat atlas, aligns histology,

Availability: Free, Available for download, Freely available

Resource Name: DeepSlice

Resource ID: SCR_023854

License: GNU GPL v3.0

Record Creation Time: 20230721T050220+0000

Record Last Update: 20260808T190533+0000

Ratings and Alerts

No rating or validation information has been found for DeepSlice.

No alerts have been found for DeepSlice.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Alexandersen CG, et al. (2026) Rise-and-fall dynamics reveal a molecular and cellular vulnerability axis in prion-like α -synuclein propagation. bioRxiv : the preprint server for biology.

Puchades MA, et al. (2025) Software and pipelines for registration and analyses of rodent brain image data in reference atlas space. Frontiers in neuroinformatics, 19, 1629388.

Vatsa N, et al. (2024) Network analysis of α -synuclein pathology progression reveals p21-activated kinases as regulators of vulnerability. bioRxiv : the preprint server for biology.

Nemeth DP, et al. (2024) Localization of brain neuronal IL-1R1 reveals specific neural circuitries responsive to immune signaling. Journal of neuroinflammation, 21(1), 303.