

Resource Summary Report

Generated by [ASWG](#) on Aug 2, 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: 20260801T191115+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 3 mentions in open access literature.

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

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.