

# Resource Summary Report

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

## DeepSlice

RRID:SCR\_023854

Type: Tool

### Proper Citation

DeepSlice (RRID:SCR\_023854)

### Resource Information

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

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**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:** 20260905T133316+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 [NIF](#) .

Alexandersen CG, et al. (2026) Rise-and-fall dynamics reveal a molecular and cellular vulnerability axis in prion-like  $\alpha$ -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  $\alpha$ -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.