

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

[WebAlign](#)

RRID:SCR_026758

Type: Tool

Proper Citation

WebAlign (RRID:SCR_026758)

Resource Information

URL: <https://github.com/Neural-Systems-at-UIO/WebAlign>

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Description: Web application for 2D image registration to 3D atlas. Used for user guided affine spatial registration (anchoring) of sectional image data, typically high resolution histological images, to 3D reference atlas space. Can generate user defined cut planes through atlas templates that match orientation of cutting plane of 2D experimental images (atlas maps).

Resource Type: software resource, web application, source code

Defining Citation: [DOI:10.3389/fninf.2025.1629388](https://doi.org/10.3389/fninf.2025.1629388)

Keywords: 2D image registration, 3D atlas, affine spatial registration, sectional image data, histological images, 3D reference atlas space,

Funding: H2020-EU FPA 650003

Resource Name: WebAlign

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Alternate URLs: <https://webalign.readthedocs.io/en/latest/index.html>

License: MIT license

Record Creation Time: 20250412T054911+0000

Record Last Update: 20260731T043225+0000

Ratings and Alerts

No rating or validation information has been found for WebAlign.

No alerts have been found for WebAlign.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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.