

# Resource Summary Report

Generated by PRECISE-TBI on Aug 3, 2026

## LocaliZoom

RRID:SCR\_023481

Type: Tool

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### Proper Citation

LocaliZoom (RRID:SCR\_023481)

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### Resource Information

**URL:** <https://www.nitrc.org/projects/localizoom/>

**Proper Citation:** LocaliZoom (RRID:SCR\_023481)

**Description:** Web application for displaying high-resolution image series coupled with overlaid atlas delineations. Online pan-and-zoom type viewer with three operating modes: Display series with atlas overlay, both linear and nonlinear alignments are supported; Create or edit nonlinear alignments; Create markup which can be exported as MeshView point clouds or to Excel for further numerical analysis.

**Resource Type:** web application, software resource

**Keywords:** Nonlinear refinement, 2D, 3D, registration, quantitative analysis, residual anatomical variability

**Funding:** EU Horizon 2020 Framework Partnership Agreement No. 650003 (HBP FPA)

**Availability:** Fully available for own deployment (open source, MIT license), or available as a service (free of charge, but registration is required) via EBRAINS (<https://ebrains.eu/register/> )

**Resource Name:** LocaliZoom

**Resource ID:** SCR\_023481

**Alternate URLs:** <https://localiview.apps.ebrains.eu/>,  
<https://tevemadar.github.io/LocaliZoom/>, <https://github.com/Tevemadar/LocaliZoom>

**Record Creation Time:** 20230421T050214+0000

**Record Last Update:** 20260803T040846+0000

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### Ratings and Alerts

No rating or validation information has been found for LocaliZoom.

No alerts have been found for LocaliZoom.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 4 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.

Blixhavn CH, et al. (2024) The Locare workflow: representing neuroscience data locations as geometric objects in 3D brain atlases. *Frontiers in neuroinformatics*, 18, 1284107.

??vsthus M, et al. (2024) Spatially integrated cortico-subcortical tracing data for analyses of rodent brain topographical organization. *Scientific data*, 11(1), 1214.

Reiten I, et al. (2023) The efferent connections of the orbitofrontal, posterior parietal, and insular cortex of the rat brain. *Scientific data*, 10(1), 645.