

Resource Summary Report

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LocaliZoom

RRID:SCR_023481

Type: Tool

Proper Citation

LocaliZoom (RRID:SCR_023481)

Resource Information

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

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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: software resource, web application

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

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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: 20260905T133023+0000

Ratings and Alerts

No rating or validation information has been found for LocaliZoom.

No alerts have been found for LocaliZoom.

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 [Kravitz](#) .

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.