

# Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 29, 2026

## Brain Image Library

RRID:SCR\_017272

Type: Tool

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### Proper Citation

Brain Image Library (RRID:SCR\_017272)

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### Resource Information

**URL:** <http://www.brainimagelibrary.org>

**Proper Citation:** Brain Image Library (RRID:SCR\_017272)

**Description:** Public, NIH-funded repository and analysis ecosystem for brain microscopy data, designed to store, share, and process massive volumetric datasets. It enables researchers to access whole-brain images, neuron morphologies, and spatial data without needing to download, fostering collaborative discovery. Used to deposit, analyze, mine, share and interact with large brain image datasets.

**Abbreviations:** BIL

**Synonyms:** Brain Image Library

**Resource Type:** service resource, data or information resource, storage service resource, data repository

**Defining Citation:** [PMID:38187527](#)

**Keywords:** archive, dataset, confocal, microscopy, brain, image, data, brain microscopy data,

**Funding:** BRAIN Initiative ;  
NIMH R24 MH114793

**Availability:** Free, Available for download, Freely available

**Resource Name:** Brain Image Library

**Resource ID:** SCR\_017272

**Alternate IDs:** DOI:10.17616/R31NJN9G, DOI:10.35077, r3d100013956

**Alternate URLs:** <https://doi.org/10.17616/R31NJN9G>,  
<https://doi.org/10.17616/r31NJN9G>, <https://doi.org/10.35077/>, <https://dx.doi.org/10.35077/>,  
<https://doi.org/10.17616/R31NJN9G>

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**Record Creation Time:** 20220129T080334+0000

**Record Last Update:** 20260729T044428+0000

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## Ratings and Alerts

No rating or validation information has been found for Brain Image Library.

No alerts have been found for Brain Image Library.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Tasic B, et al. (2025) Exploring brain circuits, one cell type-or more- at a time. *Neuron*, 113(10), 1469.

van Velthoven CTJ, et al. (2025) Transcriptomic and spatial organization of telencephalic GABAergic neurons. *Nature*, 647(8088), 143.

Kenney M, et al. (2024) The Brain Image Library: A Community-Contributed Microscopy Resource for Neuroscientists. *bioRxiv : the preprint server for biology*.

Eichler K, et al. (2024) Somatotopic organization among parallel sensory pathways that promote a grooming sequence in *Drosophila*. *eLife*, 12.

Kenney M, et al. (2024) The Brain Image Library: A Community-Contributed Microscopy Resource for Neuroscientists. *Scientific data*, 11(1), 1212.

Hawrylycz M, et al. (2023) A guide to the BRAIN Initiative Cell Census Network data ecosystem. *PLoS biology*, 21(6), e3002133.

Liu Y, et al. (2023) Full-Spectrum Neuronal Diversity and Stereotypy through Whole Brain Morphometry. *Research square*.

Wong KKL, et al. (2023) Origin of wiring specificity in an olfactory map revealed by neuron type-specific, time-lapse imaging of dendrite targeting. *eLife*, 12.

Jwa AS, et al. (2022) The spectrum of data sharing policies in neuroimaging data repositories. *Human brain mapping*, 43(8), 2707.

Ishibashi M, et al. (2022) Analysis of rod/cone gap junctions from the reconstruction of mouse photoreceptor terminals. *eLife*, 11.

Guo S, et al. (2022) Image enhancement to leverage the 3D morphological reconstruction of single-cell neurons. *Bioinformatics (Oxford, England)*, 38(2), 503.

Muñoz-Castañeda R, et al. (2021) Cellular anatomy of the mouse primary motor cortex. *Nature*, 598(7879), 159.

Scala F, et al. (2021) Phenotypic variation of transcriptomic cell types in mouse motor cortex. *Nature*, 598(7879), 144.

, et al. (2021) A multimodal cell census and atlas of the mammalian primary motor cortex. *Nature*, 598(7879), 86.

Ascoli GA, et al. (2021) Farewell, Neuroinformatics! *Neuroinformatics*, 19(4), 551.

Litvina E, et al. (2019) BRAIN Initiative: Cutting-Edge Tools and Resources for the Community. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(42), 8275.