

Resource Summary Report

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Whole Mouse Brain Cell and Genome Atlas

RRID:SCR_024846

Type: Tool

Proper Citation

Whole Mouse Brain Cell and Genome Atlas (RRID:SCR_024846)

Resource Information

URL: <https://mousebrain.salk.edu/home>

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Description: Web application as single cell DNA methylome and 3D Multi-omic atlas of the Adult Mouse Brain. Allows to visualize all molecular modalities (mCH, mCG, ATAC, chromatin conformation, RNA), metadata, and cell coordinates (tSNE, UMAP, or imputed MERFISH coordinates for methylome cells) in various scatter plots, as well as subclass genome tracks using HiGlass genome browser. Users can customize layouts based on their needs and save them for future use. Integrated ChatGPT, enables users to craft complex layouts using natural language to enhance user experience, particularly for those without programming expertise.

Resource Type: data or information resource, software resource, atlas, web application

Keywords: BICAN, Single cell DNA Methylome, 3D Multi omic Atlas, Adult Mouse Brain,

Funding:

Availability: Free, Available for download, Freely available

Resource Name: Whole Mouse Brain Cell and Genome Atlas

Resource ID: SCR_024846

Record Creation Time: 20240109T050236+0000

Record Last Update: 20250507T061732+0000

Ratings and Alerts

No rating or validation information has been found for Whole Mouse Brain Cell and Genome Atlas.

No alerts have been found for Whole Mouse Brain Cell and Genome Atlas.

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 [ASWG](#).

Puelles L, et al. (2024) Genoarchitectural Definition of the Adult Mouse Mesocortical Ring: A Contribution to Cortical Ring Theory. The Journal of comparative neurology, 532(7), e25647.