

Resource Summary Report

Generated by SPARC SAWG on Jul 28, 2026

BRAINCELL-AID

RRID:SCR_027398

Type: Tool

Proper Citation

BRAINCELL-AID (RRID:SCR_027398)

Resource Information

URL: <https://biodataai.uth.edu/BRAINCELL-AID>

Proper Citation: BRAINCELL-AID (RRID:SCR_027398)

Description: Web service providing annotations for brain cell type–specific marker gene sets derived from single-cell RNA-seq data spanning the entire mouse brain. It uses a multi-agent AI framework that combines fine-tuned large language models with retrieval-augmented generation, producing biologically grounded annotations supported by peer-reviewed literature.

Synonyms: Brain Cell type Annotation and Integration using Distributed AI

Resource Type: web application, software resource

Keywords: annotations for brain cell type–specific marker gene sets, single-cell RNA-seq data, mouse brain,

Availability: Free, Freely available,

Resource Name: BRAINCELL-AID

Resource ID: SCR_027398

Record Creation Time: 20250904T055808+0000

Record Last Update: 20260728T043752+0000

Ratings and Alerts

No rating or validation information has been found for BRAINCELL-AID.

No alerts have been found for BRAINCELL-AID.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.