

# Resource Summary Report

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## 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:** software resource, web application

**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:** 20260801T191420+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](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.