

# Resource Summary Report

Generated by [nidm-terms](#) on Jul 29, 2026

## Allen Cell Types Database

RRID:SCR\_014806

Type: Tool

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### Proper Citation

Allen Cell Types Database (RRID:SCR\_014806)

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### Resource Information

**URL:** <http://celltypes.brain-map.org>

**Proper Citation:** Allen Cell Types Database (RRID:SCR\_014806)

**Description:** Database of neuronal cell types based on multimodal characterization of single cells to enable data-driven approaches to classification. It includes data such as electrophysiology recordings, imaging data, morphological reconstructions, and RNA and DNA sequencing data.

**Synonyms:** Allen Brain Atlas Cell Types, Allen Brain Atlas Data Portal, Allen Brain Atlas

**Resource Type:** data or information resource, database

**Keywords:** database, neuron, classification, imaging, electrophysiology, eeg, imaging, rna, dna, sequencing

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

**Resource Name:** Allen Cell Types Database

**Resource ID:** SCR\_014806

**Alternate IDs:** SCR\_015719

**License URLs:** <http://www.alleninstitute.org/legal/terms-use/>

**Record Creation Time:** 20220129T080322+0000

**Record Last Update:** 20260729T044333+0000

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### Ratings and Alerts

No rating or validation information has been found for Allen Cell Types Database.

No alerts have been found for Allen Cell Types Database.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 71 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Loui J, et al. (2026) Neuronal THY1 Signaling Maintains Astrocytes in a Quiescent State. *Glia*, 74(1), e70083.

Zhang Y, et al. (2025) SCRIPT: Predicting Single-Cell Long-Range Cis-Regulation Based on Pretrained Graph Attention Networks. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(41), e05021.

Makarov R, et al. (2025) DendroTweaks, an interactive approach for unraveling dendritic dynamics. *eLife*, 13.

Hunker AC, et al. (2025) Enhancer AAV toolbox for accessing and perturbing striatal cell types and circuits. *Neuron*, 113(10), 1507.

Miller JA, et al. (2025) Incorporating the thermodynamic effects of temperature and pressure on modeling neuronal gating kinetics. *PloS one*, 20(10), e0333592.

Jiang Y, et al. (2025) Contrastive learning-driven framework for neuron morphology classification. *Scientific reports*, 15(1), 27752.

Zhang A, et al. (2024) Rabies virus-based barcoded neuroanatomy resolved by single-cell RNA and in situ sequencing. *eLife*, 12.

Wen W, et al. (2024) Modular Arrangement of Synaptic and Intrinsic Homeostatic Plasticity within Visual Cortical Circuits. *bioRxiv : the preprint server for biology*.

Ben-Simon Y, et al. (2024) A suite of enhancer AAVs and transgenic mouse lines for genetic access to cortical cell types. *bioRxiv : the preprint server for biology*.

Li N, et al. (2024) Bi-allelic variants in CEP295 cause Seckel-like syndrome presenting with primary microcephaly, developmental delay, intellectual disability, short stature, craniofacial and digital abnormalities. *EBioMedicine*, 99, 104940.

Pronold J, et al. (2024) Multi-scale spiking network model of human cerebral cortex. *Cerebral cortex* (New York, N.Y. : 1991), 34(10).

Hunker AC, et al. (2024) Enhancer AAV toolbox for accessing and perturbing striatal cell types and circuits. *bioRxiv : the preprint server for biology*.

Makarov R, et al. (2024) DendroTweaks: An interactive approach for unraveling dendritic dynamics. *bioRxiv : the preprint server for biology*.

Ali D, et al. (2024) Direct targets of MEF2C are enriched for genes associated with schizophrenia and cognitive function and are involved in neuron development and mitochondrial function. *PLoS genetics*, 20(9), e1011093.

Ament SA, et al. (2023) The Neuroscience Multi-Omic Archive: a BRAIN Initiative resource for single-cell transcriptomic and epigenomic data from the mammalian brain. *Nucleic acids research*, 51(D1), D1075.

Real R, et al. (2023) Association between the LRP1B and APOE loci and the development of Parkinson's disease dementia. *Brain : a journal of neurology*, 146(5), 1873.

West TO, et al. (2023) When do bursts matter in the primary motor cortex? Investigating changes in the intermittencies of beta rhythms associated with movement states. *Progress in neurobiology*, 221, 102397.

Driessens SLW, et al. (2023) Genes associated with cognitive ability and HAR show overlapping expression patterns in human cortical neuron types. *Nature communications*, 14(1), 4188.

Chi Y, et al. (2023) scBrainMap: a landscape for cell types and associated genetic markers in the brain. *Database : the journal of biological databases and curation*, 2023.

Zeng Y, et al. (2023) BrainCog: A spiking neural network based, brain-inspired cognitive intelligence engine for brain-inspired AI and brain simulation. *Patterns (New York, N.Y.)*, 4(8), 100789.