Resource Summary Report

Generated by T1D on Aug 1, 2026

Allen Developing Mouse Brain Atlas

RRID:SCR_002990
Type: Tool

Proper Citation

Allen Developing Mouse Brain Atlas (RRID:SCR_002990)

Resource Information

URL: http://developingmouse.brain-map.org/

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Description: Map of gene expression in developing mouse brain revealing gene expression patterns from embryonic through postnatal stages. Provides information about spatial and temporal regulation of gene expression with database. Feature include seven sagittal reference atlases created with a developmental ontology. These anatomic atlases may be viewed alongside in situ hybridization (ISH) data as well as by itself.

Synonyms: Allen Brain Atlas Developing Mouse Brain

Resource Type: data or information resource, database, expression atlas, atlas, reference atlas

Defining Citation: PMID:22832508

Keywords: gene, expression, developing, mouse, brain, pattern, embryonic, postnatal, stage, data, database, reference, atlas, ontology, anatomy, ISH

Availability: Free, Public

Resource Name: Allen Developing Mouse Brain Atlas

Resource ID: SCR_002990

Alternate IDs: nif-0000-00509

Record Creation Time: 20220129T080216+0000

Record Last Update: 20260801T042525+0000

Ratings and Alerts

No rating or validation information has been found for Allen Developing Mouse Brain Atlas.

No alerts have been found for Allen Developing Mouse Brain Atlas.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 195 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Bright AR, et al. (2025) Temporal control of progenitor competence shapes maturation in GABAergic neuron development in mice. Nature neuroscience, 28(8), 1663.

Lee CN, et al. (2025) Spatial joint profiling of DNA methylome and transcriptome in mammalian tissues. bioRxiv : the preprint server for biology.

Perry CH, et al. (2025) TEAD switches interacting partners along neural progenitor lineage progression to execute distinct functions. Genes & development, 39(13-14), 849.

Yabut OR, et al. (2025) Aberrant FGF signaling promotes granule neuron precursor expansion in SHH subgroup infantile medulloblastoma. eLife, 13.

Lee CN, et al. (2025) Spatial joint profiling of DNA methylome and transcriptome in tissues. Nature, 646(8087), 1261.

Yim KM, et al. (2025) Cell-type-specific dysregulation of gene expression due to Chd8 haploinsufficiency during mouse cortical development. Cell genomics, 100986.

Milisav F, et al. (2025) A simulated annealing algorithm for randomizing weighted networks. Nature computational science, 5(1), 48.

Courtney Y, et al. (2025) Choroid plexus apocrine secretion shapes CSF proteome during mouse brain development. Nature neuroscience, 28(7), 1446.

Holm Nygaard A, et al. (2025) Patterning effects of FGF17 and cAMP on generation of dopaminergic progenitors for cell replacement therapy in Parkinson's disease. Stem cells (Dayton, Ohio), 43(3).

Tonelli F, et al. (2025) Dual inhibition of MAPK/ERK and BMP signaling induces entorhinal-like identity in mouse ESC-derived pallial progenitors. Stem cell reports, 20(2), 102387.

Qian X, et al. (2025) Spatial transcriptomics reveals human cortical layer and area specification. Nature, 644(8075), 153.

Zhao L, et al. (2025) Hippocampal architecture viewed through the eyes of methodological development. Anatomical science international, 100(4), 635.

Ali Marandi Ghoddousi R, et al. (2025) Comparative Single-Cell Transcriptome Analysis of c-Met Receptor Expressing and Non-Expressing Projection Neurons in the Developing Frontal and Visual Cortices. Developmental neuroscience, 1.

Huchede P, et al. (2024) BMP2 and BMP7 cooperate with H3.3K27M to promote quiescence and invasiveness in pediatric diffuse midline gliomas. eLife, 12.

Kronman FN, et al. (2024) Developmental mouse brain common coordinate framework. Nature communications, 15(1), 9072.

Jessa S, et al. (2024) FOXR2 targets LHX6+/DLX+ neural lineages to drive CNS neuroblastoma. Cancer research.

Shaker T, et al. (2024) A simple and reliable method for claustrum localization across age in mice. Molecular brain, 17(1), 10.

Han X, et al. (2024) High-resolution diffusion magnetic resonance imaging and spatial-transcriptomic in developing mouse brain. NeuroImage, 297, 120734.

Kebschull JM, et al. (2024) Cerebellum Lecture: the Cerebellar Nuclei-Core of the Cerebellum. Cerebellum (London, England), 23(2), 620.

Tao Y, et al. (2024) Generation of locus coeruleus norepinephrine neurons from human pluripotent stem cells. Nature biotechnology, 42(9), 1404.