Resource Summary Report

Generated by NIF on Aug 21, 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: atlas, data or information resource, reference atlas, expression atlas, database

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: 20260821T042603+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 217 mentions in open access literature.

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

Fern??ndez G, et al. (2026) Transcriptomics reveals pallial and subpallial subdivisions of the mouse medial amygdala. Brain structure & function, 231(2), 20.

Verhaege D, et al. (2026) Base barrier cells provide compartmentalization of choroid plexus, brain and CSF. Nature neuroscience, 29(3), 551.

Jing X, et al. (2026) Delayed microglial depletion protects against white matter injury following neonatal cerebral hemorrhage in mice. Neural regeneration research, 21(6), 2621.

Jackson CR, et al. (2026) Defining a Midgestational Window for In Utero Genome Editing of the Fetal Murine Cortex. bioRxiv : the preprint server for biology.

Rengifo AC, et al. (2026) Alterations in the Components of the GABA-Glutamate System During ZIKV Infection: A Neuroscience Approach. International journal of molecular sciences, 27(11).

Chen SY, et al. (2026) Activity-dependent development of vocal circuits in the neonatal rodent forebrain. EMBO reports, 27(13), 3632.

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

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

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

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

Rajendran A, et al. (2025) Elucidating Neurodevelopmental Trajectories in Cancer with Topic Modeling: Revealing Persistent External Granule Layer Lineages in Medulloblastoma. bioRxiv : the preprint server for biology.

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.

Crocco E, et al. (2025) A proper excitatory/inhibitory ratio is required to develop synchronized network activity in mouse cortical cultures. Stem cell reports, 20(10), 102646.

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

Tenreiro MF, et al. (2025) MeCP2 regulates telencephalic development in human cerebral organoids. Cell reports, 44(12), 116670.

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).

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

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.