

Resource Summary Report

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ABA Mouse Brain: Atlas

RRID:SCR_017479

Type: Tool

Proper Citation

ABA Mouse Brain: Atlas (RRID:SCR_017479)

Resource Information

URL: <http://mouse.brain-map.org/>

Proper Citation: ABA Mouse Brain: Atlas (RRID:SCR_017479)

Description: Genome wide database of gene expression in mouse brain. Genome-wide atlas of gene expression in the adult mouse brain.

Synonyms: Allen Brain Atlas: Mouse Brain, , Allen Brain Atlas Mouse Brain: Atlas

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

Defining Citation: [PMID:17151600](#)

Keywords: Genome, data, gene, expression, mouse, brain

Availability: Free, Freely available

Resource Name: ABA Mouse Brain: Atlas

Resource ID: SCR_017479

Record Creation Time: 20220129T080335+0000

Record Last Update: 20260829T183024+0000

Ratings and Alerts

No rating or validation information has been found for ABA Mouse Brain: Atlas.

No alerts have been found for ABA Mouse Brain: Atlas.

Data and Source Information

Usage and Citation Metrics

We found 405 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Richevaux L, et al. (2026) Circuit organization of the forelimb-related M2-to-M1 corticocortical pathway in the mouse. *bioRxiv : the preprint server for biology*.

Zheng H, et al. (2026) A single-cell spatiotemporal transcriptomic atlas of mouse prefrontal cortex maps dynamics of intratelencephalic neurons during postnatal development. *PLoS biology*, 24(1), e3003594.

Zhang Z, et al. (2026) Autophagy controls the hippocampal postsynaptic organization and affects cognition in a mouse model of Fragile X syndrome. *Molecular psychiatry*, 31(1), 75.

Jiang L, et al. (2026) E3 ligase AREL1 controls perinuclear localization of lysosomes and supports Purkinje cell survival. *The EMBO journal*, 45(3), 655.

Pachicano M, et al. (2026) Differential vulnerability of CA1 pyramidal neuron cell types in the 5xFAD Alzheimer's disease mouse model. *bioRxiv : the preprint server for biology*.

Luppi AI, et al. (2026) Competitive interactions shape mammalian brain network dynamics and computation. *Nature neuroscience*, 29(4), 915.

Li Y, et al. (2026) Single-nucleus profiling reveals a core disease signature and cell type-specific vulnerabilities in early Rett syndrome. *Science advances*, 12(24), eaeb4265.

Panday M, et al. (2026) A high-dimensional atlas of parvalbumin interneuron soma morphology in mouse visual and somatosensory cortex. *Frontiers in neuroscience*, 20, 1848222.

Tang J, et al. (2026) The interpretable multimodal dimension reduction framework SpaHDmap enhances resolution in spatial transcriptomics. *Nature cell biology*, 28(2), 363.

Hsu TT, et al. (2026) Shared and divergent alteration of whole-brain connectivity and sensory deficits in multiple autism mouse models. *Molecular psychiatry*, 31(4), 2038.

Güler BE, et al. (2026) The adhesion GPCR ADGRV1 controls glutamate homeostasis in hippocampal astrocytes supporting neurons. *Acta neuropathologica communications*, 14(1).

Liu XA, et al. (2026) Interleukin 13 signaling modulates dopaminergic functions and nicotine reward in rodents. *Molecular psychiatry*, 31(2), 622.

Pandey A, et al. (2026) Secondary Somatosensory Cortex Is Required for Learning but Not Execution of a Tactile Discrimination. *The European journal of neuroscience*, 63(3), e70390.

Becher MK, et al. (2026) Anatomical and Neuronal Distribution of the G-Coupled Protein Receptor 75 mRNA in the Mouse Central Nervous System. *The European journal of neuroscience*, 63(4), e70441.

Saenz-Antoñanzas A, et al. (2026) Differential Gene Expression in Human Hippocampus With Aging. *Aging cell*, 25(4), e70459.

Marinescu AM, et al. (2026) The nucleus accumbens shell regulates hedonic feeding via a rostral hotspot. *eLife*, 14.

Vilches-Herrando E, et al. (2026) The Calcium-Binding Protein S100A10 (p11) Is Required for Normal Motor Performance by Regulating Vesicle Dynamics at Excitatory Synapses. *Acta physiologica (Oxford, England)*, 242(2), e70158.

Lee EK, et al. (2026) A multimodal approach for visualizing and identifying electrophysiological cell types in vivo. *Nature communications*, 17(1).

Graber DJ, et al. (2026) 5xFAD-NSG mice: a preclinical Alzheimer model for human cell therapy studies. *bioRxiv : the preprint server for biology*.

Stebbins K, et al. (2026) A High-Resolution Transcriptomic Atlas of Cell Types in the Ventral Visual Thalamus. *Journal of neurochemistry*, 170(3), e70406.