

Resource Summary Report

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3D Developmental Mouse Brain Common Coordinate Framework

RRID:SCR_025544

Type: Tool

Proper Citation

3D Developmental Mouse Brain Common Coordinate Framework (RRID:SCR_025544)

Resource Information

URL: <https://kimlab.io/brain-map/DevCCF/>

Proper Citation: 3D Developmental Mouse Brain Common Coordinate Framework (RRID:SCR_025544)

Description: Open access multimodal 3D atlases of developing mouse brain that can be used to integrate mouse brain imaging data for visualization, education, cell census mapping, and more. Atlas ages include E11.5, E13.5, E15.5, E18.5, P4, P14, and P56. Web platform can be utilized to visualize and explore the atlas in 3D. Downloadable atlas can be used to align multimodal mouse brain data. Morphologically averaged symmetric template brains serve as the basis reference space and coordinate system. Anatomical labels are manually drawn in 3D based on the prosomeric model. For additional references, the P56 template includes templates and annotations from the aligned Allen Mouse Brain Common Coordinate Framework (Allen CCFv3) and aligned Molecular Atlas of the Adult Mouse Brain.

Synonyms: DevCCF

Resource Type: atlas, data or information resource

Defining Citation: [PMID:37745386](#)

Keywords: multimodal 3D atlases, developing mouse brain, mouse brain data,

Funding: NIBIB R01EB031722;
NIMH R01MH116176;
NIMH RF1MH12460501;
NINDS R01NS108407

Availability: Free, Freely available

Resource Name: 3D Developmental Mouse Brain Common Coordinate Framework

Resource ID: SCR_025544

Record Creation Time: 20240727T053256+0000

Record Last Update: 20260905T133501+0000

Ratings and Alerts

No rating or validation information has been found for 3D Developmental Mouse Brain Common Coordinate Framework.

No alerts have been found for 3D Developmental Mouse Brain Common Coordinate Framework.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Tustison NJ, et al. (2025) Modular strategies for spatial mapping of diverse cell type data of the mouse brain. Research square.

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