

Resource Summary Report

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Aligning Big Brains and Atlases

RRID:SCR_023857

Type: Tool

Proper Citation

Aligning Big Brains and Atlases (RRID:SCR_023857)

Resource Information

URL: <https://biop.github.io/ijp-imagetoatlas/>

Proper Citation: Aligning Big Brains and Atlases (RRID:SCR_023857)

Description: Software Fiji plugin for registering thin serial sections: coronal, sagittal, horizontal, to compatible atlases including Allen Mouse Common Coordinate Framework, Waxholm Rat Brain Atlas, and all BrainGlobe atlases.

Abbreviations: ABBA

Synonyms: ABBA (Aligning Big Brains & Atlases)

Resource Type: software application, software resource

Keywords: Allen Mouse Common Coordinate Framework, Waxholm Rat Brain Atlas, BrainGlobe atlases,

Availability: Free, Freely available

Resource Name: Aligning Big Brains and Atlases

Resource ID: SCR_023857

Record Creation Time: 20230721T050220+0000

Record Last Update: 20260821T043101+0000

Ratings and Alerts

No rating or validation information has been found for Aligning Big Brains and Atlases.

No alerts have been found for Aligning Big Brains and Atlases.

Data and Source Information

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Marshall CJ, et al. (2026) Estrous cycle modulates fasting-induced torpor propensity via hypothalamic estrogen signalling. *Scientific reports*, 16(1).

de Launoit E, et al. (2026) The spatiotemporal dynamics of postnatal vascularization in the mouse brain. *Cell*, 189(10), 3107.

Guillaumin A, et al. (2026) Dorsal Raphe VIP Neurons Are Critical for Survival-Oriented Vigilance. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(18), e23809.

Oul?? M, et al. (2025) Medial entorhinal VIP-expressing interneurons receive input from the thalamic anterior dorsal nucleus and are critical for spatial memory. *Proceedings of the National Academy of Sciences of the United States of America*, 122(51), e2425024122.

Lee YS, et al. (2025) Region- and cell type-specific changes in gene expression in the cerebellum after classical fear conditioning. *Research square*.

Chiaruttini N, et al. (2025) ABBA+Brain, an integrated suite for whole-brain mapping, reveals brain-wide differences in immediate-early genes induction upon learning. *Cell reports*, 44(7), 115876.

Palchadhuri S, et al. (2025) A posterior insula to lateral amygdala pathway transmits US-offset information with a limited role in fear learning. *Cell reports*, 44(2), 115320.

Manrique-Castano D, et al. (2024) Unbiased quantification of the spatial distribution of murine cells using point pattern analysis. *STAR protocols*, 5(2), 102989.