

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 8, 2026

[allenCCF](#)

RRID:SCR_023830

Type: Tool

Proper Citation

allenCCF (RRID:SCR_023830)

Resource Information

URL: <https://github.com/cortex-lab/allenCCF>

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Description: Software tools to work with Allen Inst CCF data in Matlab. MATLAB code to work with the Allen Mouse Brain CCF data.

Synonyms: allen CCF tools, Allen CCF tool

Resource Type: software resource, software toolkit, source code

Keywords: Matlab, Allen Common Coordinate Framework, Allen Inst CCF data, Allen Mouse Brain CCF data,

Availability: Free, Available for download, Freely available

Resource Name: allenCCF

Resource ID: SCR_023830

Record Creation Time: 20230721T050220+0000

Record Last Update: 20260808T190445+0000

Ratings and Alerts

No rating or validation information has been found for allenCCF.

No alerts have been found for allenCCF.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Le Merre P, et al. (2026) A prefrontal cortex map based on single-neuron activity. *Nature neuroscience*, 29(3), 673.

Praegel B, et al. (2025) Age and learning shapes sound representations in auditory cortex during adolescence. *eLife*, 14.

Xia F, et al. (2025) Understanding the neural code of stress to control anhedonia. *Nature*, 637(8046), 654.

Petty G, et al. (2024) Attentional modulation of secondary somatosensory and visual thalamus of mice. *bioRxiv : the preprint server for biology*.

Petty GH, et al. (2024) Attentional modulation of secondary somatosensory and visual thalamus of mice. *eLife*, 13.

Warwick RA, et al. (2024) Top-down modulation of the retinal code via histaminergic neurons of the hypothalamus. *Science advances*, 10(35), eadk4062.

Wen JH, et al. (2024) One-shot entorhinal maps enable flexible navigation in novel environments. *Nature*, 635(8040), 943.

Xia F, et al. (2024) Identifying and modulating neural signatures of stress susceptibility and resilience enables control of anhedonia. *Research square*.

Tsunematsu T, et al. (2023) Pontine Waves Accompanied by Short Hippocampal Sharp Wave-Ripples During Non-rapid Eye Movement Sleep. *Sleep*, 46(9).

Li Y, et al. (2023) Cortical network and projection neuron types that articulate serial order in a skilled motor behavior. *bioRxiv : the preprint server for biology*.

Li C, et al. (2023) Pathway-specific inputs to the superior colliculus support flexible responses to visual threat. *Science advances*, 9(35), eade3874.

Stagkourakis S, et al. (2023) Anatomically distributed neural representations of instincts in the hypothalamus. *bioRxiv : the preprint server for biology*.