

Resource Summary Report

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CellTax vignette

RRID:SCR_017000

Type: Tool

Proper Citation

CellTax vignette (RRID:SCR_017000)

Resource Information

URL: <http://casestudies.brain-map.org/celltax>

Proper Citation: CellTax vignette (RRID:SCR_017000)

Description: Cellular Taxonomy of Mouse Visual Cortex by analyzing gene expression patterns at single cell level. Construction of cellular taxonomy of one cortical region, primary visual cortex, in adult mice done on basis of single cell RNA sequencing.

Synonyms: Cellular Taxonomy of the Mouse Visual Cortex, Cellular Taxonomy of the Mouse Visual Cortex Allen Institute for Brain Science

Resource Type: data set, data or information resource

Defining Citation: [PMID:26727548](#)

Keywords: data, classification, cell, type, mammalian, brain, cellular, taxonomy, mouse, visual, cortex, gene, expression, pattern, cortical, region

Funding: Allen Institute for Brain Science ;
NEI R01 EY023173;
NIMH U01 MH105982

Availability: Free, Public

Resource Name: CellTax vignette

Resource ID: SCR_017000

Record Creation Time: 20220129T080333+0000

Record Last Update: 20250411T055926+0000

Ratings and Alerts

No rating or validation information has been found for CellTax vignette.

No alerts have been found for CellTax vignette.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Maldonado PP, et al. (2021) Oxytocin Shapes Spontaneous Activity Patterns in the Developing Visual Cortex by Activating Somatostatin Interneurons. Current biology : CB, 31(2), 322.

Mäki-Marttunen T, et al. (2019) Biophysical Psychiatry-How Computational Neuroscience Can Help to Understand the Complex Mechanisms of Mental Disorders. Frontiers in psychiatry, 10, 534.

Li J, et al. (2019) Application of Computational Biology to Decode Brain Transcriptomes. Genomics, proteomics & bioinformatics, 17(4), 367.