# **Resource Summary Report**

Generated by RRID on May 13, 2025

# **BarensLab Mini-Atlas**

RRID:SCR\_021115

Type: Tool

## **Proper Citation**

BarensLab Mini-Atlas (RRID:SCR\_021115)

#### **Resource Information**

URL: https://github.com/berenslab/mini-atlas

**Proper Citation:** BarensLab Mini-Atlas (RRID:SCR\_021115)

**Description:** Phenotypic variation of transcriptomic cell types in mouse motor cortex.Repository contains analysis code and preprocessed data.Data includes exonic and intronic gene counts, extracted electrophysiological features, extracted morphological features and z-profiles. Datasets with recorded at room temperature and recorded at physiological temperature.

Resource Type: data or information resource, reference atlas, atlas, mni atlas

**Defining Citation:** DOI:10.1101/2020.10.19.343129v1

**Keywords:** Phenotypic variation, transcriptomic cell types, mouse motor cortex, morphoelectric phenotypes, mouse primary motor cortex, analysis code, preprocessed data, exonic gene counts, intronic gene counts, extracted electrophysiological features, extracted morphological features, z-profiles, raw data, cellular taxonomy, neuron, morphological reconstruction

#### **Funding:**

Availability: Free, Freely available

Resource Name: BarensLab Mini-Atlas

Resource ID: SCR\_021115

**Record Creation Time:** 20220129T080353+0000

Record Last Update: 20250509T060327+0000

### **Ratings and Alerts**

No rating or validation information has been found for BarensLab Mini-Atlas.

No alerts have been found for BarensLab Mini-Atlas.

#### 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 RRID.

Bernaerts Y, et al. (2025) Combined statistical-biophysical modeling links ion channel genes to physiology of cortical neuron types. bioRxiv: the preprint server for biology.

Scala F, et al. (2021) Phenotypic variation of transcriptomic cell types in mouse motor cortex. Nature, 598(7879), 144.

Gala R, et al. (2021) Consistent cross-modal identification of cortical neurons with coupled autoencoders. Nature computational science, 1(2), 120.