

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 28, 2026

[AllenDigger](#)

RRID:SCR_023812

Type: Tool

Proper Citation

AllenDigger (RRID:SCR_023812)

Resource Information

URL: <https://github.com/xiaoqunwang-lab/Alledigger>

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Description: Software tool for spatial expression data visualization, spatial heterogeneity delineation and single cell registration based on Allen Brain Atlas. Software toolkit to collect and preprocess expression data from Allen Brain Atlas and allow query to visualize spatial distribution of genes of interest, characterize spatial heterogeneity of brain, and register cells from single-cell transcriptomics data to fine anatomical brain regions via machine learning methods with high accuracy.

Resource Type: software resource, software toolkit

Defining Citation: [PMID:36926884](#)

Keywords: Allen Mouse Brain Atlas, spatial expression data visualization, spatial heterogeneity delineation, single cell registration, spatial gene expression,

Availability: Free, Available for download, Freely available

Resource Name: AllenDigger

Resource ID: SCR_023812

Record Creation Time: 20230721T050220+0000

Record Last Update: 20260725T191314+0000

Ratings and Alerts

No rating or validation information has been found for AllenDigger.

No alerts have been found for AllenDigger.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.