Resource Summary Report

Generated by NIF on Apr 8, 2025

Cirrocumulus

RRID:SCR_021646
Type: Tool

Proper Citation

Cirrocumulus (RRID:SCR_021646)

Resource Information

URL: https://cirrocumulus.readthedocs.io/en/stable/

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Description: Web interactive visualization tool for large scale single cell genomics data.Interactive web application for exploring million scale single cell datasets. Can be hosted on Google App Engine application for collaborative use or can be run in standalone mode on personal computer. Consists of client side component implemented in JavaScript and server component implemented in Python. Client uses React to manage state and WebGL to visualize variables on 2D/3D embeddings in performant manner. Server component consists of functions to manage datasets, slice variables from dataset stored in PARQUET, Zarr or H5AD formats.

Resource Type: web application, software resource

Keywords: large scale single cell genomics data, exploring million scale single cell datasets, visualize variables, manage datasets

Funding:

Availability: Free, Available for download, Freely available

Resource Name: Cirrocumulus

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Alternate URLs: https://github.com/klarman-cell-observatory/cirrocumulus/blob/413898061f1c48350071d200f043cc43104dd04f/docs/index.rst

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Ratings and Alerts

No rating or validation information has been found for Cirrocumulus.

No alerts have been found for Cirrocumulus.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.