Resource Summary Report

Generated by PRECISE-TBI on Sep 8, 2026

Connectome

RRID:SCR_028632
Type: Tool

Proper Citation

Connectome (RRID:SCR_028632)

Resource Information

URL: https://github.com/msraredon/Connectome

Proper Citation: Connectome (RRID:SCR_028632)

Description: Software R package for calculation and interactive exploration of cell-cell signaling network topologies contained in single-cell RNA-sequencing data. Used to explore cell-cell connectivity patterns based on ligand and receptor data in heterogeneous single-cell datasets.

Resource Type: software resource, software toolkit, source code

Defining Citation: DOI:10.1101/2021.01.21.427529

Keywords: calculation and interactive exploration of cell-cell signaling network, network topologies, single-cell RNA-sequencing data, explore cell-cell connectivity patterns, ligand and receptor data, heterogeneous single-cell datasets,

Availability: Free, Available for download, Freely available

Resource Name: Connectome

Resource ID: SCR_028632

License: GNU GPL v3

Record Creation Time: 20260702T054902+0000

Record Last Update: 20260905T133616+0000

Ratings and Alerts

No rating or validation information has been found for Connectome.

No alerts have been found for Connectome.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Ramos-Llord??n G, et al. (2026) Ultra-high gradient connectomics and microstructure MRI scanner for imaging of human brain circuits across scales. Nature biomedical engineering, 10(2), 309.

Ramaswamy A, et al. (2021) Immune dysregulation and autoreactivity correlate with disease severity in SARS-CoV-2-associated multisystem inflammatory syndrome in children. Immunity, 54(5), 1083.