

Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

SpaSNE

RRID:SCR_026223

Type: Tool

Proper Citation

SpaSNE (RRID:SCR_026223)

Resource Information

URL: <https://github.com/Lin-Xu-lab/SpaSNE.git>

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Description: Software extension of t-distributed stochastic neighbor embedding, the spatially resolved t-SNE (SpaSNE) designed to preserve both global gene expression and spatial structure for spatially resolved profiling data. Gives comprehensive low-dimensional visualization that could best reflect the molecular similarities of cells and the spatial interactions between cells.

Resource Type: software application, source code, software resource

Keywords: global gene expression, spatial structure, spatially resolved profiling data, low-dimensional visualization,

Availability: Free, Available for download, Freely available

Resource Name: SpaSNE

Resource ID: SCR_026223

License: BSD 3-clause license

Record Creation Time: 20250103T053333+0000

Record Last Update: 20260811T043804+0000

Ratings and Alerts

No rating or validation information has been found for SpaSNE.

No alerts have been found for SpaSNE.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Zhou Y, et al. (2025) Dimensionality reduction for visualizing spatially resolved profiling data using SpaSNE. GigaScience, 14.