

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

[novoSpaRc](#)

RRID:SCR_027635

Type: Tool

Proper Citation

novoSpaRc (RRID:SCR_027635)

Resource Information

URL: <https://novosparc.readthedocs.io/>

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Description: Software package for flexible spatial reconstruction of single-cell gene expression with optimal transport. Framework for de novo spatial reconstruction of single-cell gene expression. Assigns cells to tissue locations using probabilistic/optimal-transport models, with or without prior marker information, and returns spatial maps and assignment probabilities.

Resource Type: software toolkit, software resource

Defining Citation: [PMID:34349282](#)

Keywords: Assign cells to tissue locations, flexible spatial reconstruction, single-cell gene expression, optimal transport,

Availability: Free, Available for download, Freely available

Resource Name: novoSpaRc

Resource ID: SCR_027635

Alternate URLs: <https://github.com/rajewsky-lab/novosparc>,
<https://pypi.org/project/novosparc/>

License: BSD-3-Clause license

Record Creation Time: 20251108T062234+0000

Record Last Update: 20260815T183307+0000

Ratings and Alerts

No rating or validation information has been found for novoSpaRc.

No alerts have been found for novoSpaRc.

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 [dkNET](#) .

Wang R, et al. (2026) Constructing the spatiotemporal atlas of single-cell lineage trajectories in stereotypic biological structures. iScience, 29(1), 114307.