

Resource Summary Report

Generated by [RRID](#) on Aug 11, 2026

SMIntegration

RRID:SCR_027925

Type: Tool

Proper Citation

SMIntegration (RRID:SCR_027925)

Resource Information

URL: <https://github.com/mzlab-research/SMIntegration>

Proper Citation: SMIntegration (RRID:SCR_027925)

Description: Software open-source platform for integrated analysis of spatial transcriptomics and metabolomics data. It integrates spatial pattern recognition, differential comparison, network construction, and functional annotation into a unified workflow. Enables to explore gene-metabolite co-regulation mechanisms through an intuitive web interface, revealing spatial heterogeneity in tissue development and disease progression.

Synonyms: Spatial Multi-omics Integration

Resource Type: web application, source code, software resource

Keywords: integrated analysis, spatial transcriptomics, metabolomics data, spatial pattern recognition, differential comparison, network construction, functional annotation, unified workflow,

Availability: Free, Available for download, Freely available

Resource Name: SMIntegration

Resource ID: SCR_027925

License: MIT license

Record Creation Time: 20260205T055520+0000

Record Last Update: 20260810T040933+0000

Ratings and Alerts

No rating or validation information has been found for SMIntegration.

No alerts have been found for SMIntegration.

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](#) .

Deng H, et al. (2026) SMIntegration: A web tool for comprehensive spatial metabolomics and transcriptomics integrated analysis and visualization. GigaScience, 15.