

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 16, 2026

Isa_slurm

RRID:SCR_018134

Type: Tool

Proper Citation

Isa_slurm (RRID:SCR_018134)

Resource Information

URL: https://gitlab.com/kyrgyzov/Isa_slurm

Proper Citation: Isa_slurm (RRID:SCR_018134)

Description: Software tool to implement pre-assembly binning scheme leveraging sparse dictionary learning and matrix factorization to solve sparse decomposition problems arising in field of metagenomics.

Synonyms: Metagenomic_read_binning_using_sparse_coding

Resource Type: software resource, source code

Keywords: Sparse dictionary learning, pre-assembly binning scheme, matrix factorization, sparse decomposition, metagenomic, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: Isa_slurm

Resource ID: SCR_018134

Alternate IDs: biotools:Metagenomic_read_binning_using_sparse_coding

Alternate URLs: https://bio.tools/Metagenomic_read_binning_using_sparse_coding

License: MIT License

Record Creation Time: 20220129T080338+0000

Record Last Update: 20260912T200406+0000

Ratings and Alerts

No rating or validation information has been found for Isa_slurm.

No alerts have been found for Isa_slurm.

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 [SPARC SAWG](#) .

Kyrgyzov O, et al. (2020) Binning unassembled short reads based on k-mer abundance covariance using sparse coding. GigaScience, 9(4).