

# Resource Summary Report

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## **BiG-SLiCE**

RRID:SCR\_019130

Type: Tool

### Proper Citation

BiG-SLiCE (RRID:SCR\_019130)

### Resource Information

**URL:** <https://github.com/medema-group/bigslice>

**Proper Citation:** BiG-SLiCE (RRID:SCR\_019130)

**Description:** Software tool to perform large scale clustering analysis of Biosynthetic Gene Cluster data.

**Synonyms:** Biosynthetic Gene clusters - Super Linear Clustering Engine

**Resource Type:** data processing software, data analysis software, software application, software resource

**Defining Citation:** [DOI:10.1101/2020.08.17.240838](https://doi.org/10.1101/2020.08.17.240838)

**Keywords:** Biosynthetic Gene, gene clusters, super linear clustering, clustering data analysis, bio.tools

**Funding:** Netherlands eScience Center Accelerating Scientific Discoveries Grant ; Graduate School for Experimental Plant Sciences Netherlands

**Availability:** Free, Available for download, Freely available

**Resource Name:** BiG-SLiCE

**Resource ID:** SCR\_019130

**Alternate IDs:** biotools:big\_slice

**Alternate URLs:** [https://bio.tools/big\\_slice](https://bio.tools/big_slice)

**License:** GNU Affero General Public License v3.0

**Record Creation Time:** 20220129T080343+0000

**Record Last Update:** 20260801T190623+0000

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## Ratings and Alerts

No rating or validation information has been found for BiG-SLiCE.

No alerts have been found for BiG-SLiCE.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Alas I, et al. (2024) Micromonosporaceae biosynthetic gene cluster diversity highlights the need for broad-spectrum investigations. Microbial genomics, 10(1).

Wu S, et al. (2024) Multi-omic analysis tools for microbial metabolites prediction. Briefings in bioinformatics, 25(4).

Gaudêncio SP, et al. (2023) Advanced Methods for Natural Products Discovery: Bioactivity Screening, Dereplication, Metabolomics Profiling, Genomic Sequencing, Databases and Informatic Tools, and Structure Elucidation. Marine drugs, 21(5).

Paoli L, et al. (2022) Biosynthetic potential of the global ocean microbiome. Nature, 607(7917), 111.

Kautsar SA, et al. (2021) BiG-SLiCE: A highly scalable tool maps the diversity of 1.2 million biosynthetic gene clusters. GigaScience, 10(1).