

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

License: GNU Affero General Public License v3.0

Record Creation Time: 20220129T080343+0000

Record Last Update: 20260801T190623+0000

Ratings and Alerts

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

No alerts have been found for BiG-SLiCE.

Data and Source Information

Source: [SciCrunch Registry](#)

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).