Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 13, 2025

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 analysis software, software application, software resource, data processing software

Defining Citation: DOI: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: 20250412T060252+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 FDI Lab - SciCrunch.org.

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).