

Resource Summary Report

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MSClust

RRID:SCR_001773

Type: Tool

Proper Citation

MSClust (RRID:SCR_001773)

Resource Information

URL:

http://bioinformatics.dreamhosters.com/?page_id=113#Genomic_Protein_Sequence_Analysis

Proper Citation: MScLust (RRID:SCR_001773)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on April 10th,2023. An M software package for Clustering 16S rRNA sequences into operational taxonomic units (OTUs). The download link contain the package and some benchmark data sets.

Abbreviations: MScLust

Resource Type: software resource

Defining Citation: [PMID:23899776](#)

Keywords: 16s rrna, operational taxonomic unit, 16s rrna read, clustering algorithm, next-generation sequencing, seeds-selection

Availability: THIS RESOURCE IS NO LONGER IN SERVICE.

Resource Name: MScLust

Resource ID: SCR_001773

Alternate IDs: OMICS_01954

Alternate URLs: <http://bioinformatics.med.yale.edu/group/>

Record Creation Time: 20220129T080209+0000

Record Last Update: 20260815T182209+0000

Ratings and Alerts

No rating or validation information has been found for MSClust.

No alerts have been found for MSClust.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Van Hee S, et al. (2024) Differential effects of plant-beneficial fungi on the attraction of the egg parasitoid *Trissolcus basalis* in response to *Nezara viridula* egg deposition. *PloS one*, 19(5), e0304220.

Pegiou E, et al. (2023) Unravelling the seasonal dynamics of the metabolome of white asparagus spears using untargeted metabolomics. *Metabolomics : Official journal of the Metabolomic Society*, 19(4), 23.

da Silva FMR, et al. (2023) Metabolomic Strategies to Improve Chemical Information from OSMAC Studies of Endophytic Fungi. *Metabolites*, 13(2).

Gordon AR, et al. (2023) Human scent as a first-line defense against disease. *Scientific reports*, 13(1), 16709.

Zhang Y, et al. (2023) The Capsicum terpenoid biosynthetic module is affected by spider-mite herbivory. *Plant molecular biology*, 113(4-5), 303.

Barragán-Fonseca KY, et al. (2023) Insect exuviae as soil amendment affect flower reflectance and increase flower production and plant volatile emission. *Plant, cell & environment*, 46(3), 931.

Bourne ME, et al. (2023) Parasitism causes changes in caterpillar odours and associated bacterial communities with consequences for host-location by a hyperparasitoid. *PLoS pathogens*, 19(3), e1011262.

Meesters C, et al. (2023) Limited effects of plant-beneficial fungi on plant volatile composition and host-choice behavior of *Nesidiocoris tenuis*. *Frontiers in plant science*, 14, 1322719.

Häkkinen ST, et al. (2022) Enzyme-treated chicory for cosmetics: application assessment and techno-economic analysis. *AMB Express*, 12(1), 152.

Leygeber S, et al. (2022) Flavor Profiling Using Comprehensive Mass Spectrometry Analysis of Metabolites in Tomato Soups. *Metabolites*, 12(12).

Brini A, et al. (2021) Improved One-Class Modeling of High-Dimensional Metabolomics Data via Eigenvalue-Shrinkage. *Metabolites*, 11(4).

Stein EM, et al. (2021) The Prospective Use of Brazilian Marine Macroalgae in Schistosomiasis Control. *Marine drugs*, 19(5).

Garrido A, et al. (2021) Metabolomics of Photosynthetically Active Tissues in White Grapes: Effects of Light Microclimate and Stress Mitigation Strategies. *Metabolites*, 11(4).

van Haperen P, et al. (2021) Fine mapping of a thrips resistance QTL in *Capsicum* and the role of diterpene glycosides in the underlying mechanism. *TAG. Theoretical and applied genetics. Theoretische und angewandte Genetik*, 134(5), 1557.

Jeon JS, et al. (2021) Impact of root-associated strains of three *Paraburkholderia* species on primary and secondary metabolism of *Brassica oleracea*. *Scientific reports*, 11(1), 2781.

Jeon JS, et al. (2021) Effects of Sulfur Assimilation in *Pseudomonas fluorescens* SS101 on Growth, Defense, and Metabolome of Different Brassicaceae. *Biomolecules*, 11(11).

Pegiou E, et al. (2021) Metabolomics Reveals Heterogeneity in the Chemical Composition of Green and White Spears of *Asparagus (A. officinalis)*. *Metabolites*, 11(10).

Barbey CR, et al. (2021) Genetic Analysis of Methyl Anthranilate, Methylfuran, Linalool, and Other Flavor Compounds in Cultivated Strawberry (*Fragaria × ananassa*). *Frontiers in plant science*, 12, 615749.

Wei ZG, et al. (2021) Comparison of Methods for Picking the Operational Taxonomic Units From Amplicon Sequences. *Frontiers in microbiology*, 12, 644012.

Ntagkas N, et al. (2020) Modulation of the Tomato Fruit Metabolome by LED Light. *Metabolites*, 10(6).