

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 28, 2026

MeDUSA

RRID:SCR_006926

Type: Tool

Proper Citation

MeDUSA (RRID:SCR_006926)

Resource Information

URL: <http://www2.cancer.ucl.ac.uk/medicalgenomics/medusa/>

Proper Citation: MeDUSA (RRID:SCR_006926)

Description: A computational pipeline bringing together numerous software packages to perform a full analysis of MeDIP-seq data, including sequence alignment, quality control (QC), and determination and annotation of DMRs.

Abbreviations: MeDUSA

Resource Type: software resource

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: MeDUSA

Resource ID: SCR_006926

Alternate IDs: OMICS_00615

Record Creation Time: 20220129T080238+0000

Record Last Update: 20260725T190631+0000

Ratings and Alerts

No rating or validation information has been found for MeDUSA.

No alerts have been found for MeDUSA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 117 mentions in open access literature.

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

Mehra Y, et al. (2021) High-quality whole-genome sequence analysis of *Lactobacillus paragasseri* UBLG-36 reveals oxalate-degrading potential of the strain. *PLoS one*, 16(11), e0260116.

Kikuchi T, et al. (2021) Genome of the fatal tapeworm *Sparganum proliferum* uncovers mechanisms for cryptic life cycle and aberrant larval proliferation. *Communications biology*, 4(1), 649.

Seixas FA, et al. (2021) Synteny-Based Genome Assembly for 16 Species of *Heliconius* Butterflies, and an Assessment of Structural Variation across the Genus. *Genome biology and evolution*, 13(7).

Soldatou S, et al. (2021) Comparative Metabologenomics Analysis of Polar Actinomycetes. *Marine drugs*, 19(2).

Lobelle D, et al. (2021) Global Modeled Sinking Characteristics of Biofouled Microplastic. *Journal of geophysical research. Oceans*, 126(4), e2020JC017098.

Bui TPN, et al. (2021) Conversion of dietary inositol into propionate and acetate by commensal *Anaerostipes* associates with host health. *Nature communications*, 12(1), 4798.

Cornejo-Granados F, et al. (2021) Targeted RNA-Seq Reveals the *M. tuberculosis* Transcriptome from an In Vivo Infection Model. *Biology*, 10(9).

Syrokou MK, et al. (2021) High-quality draft genome sequence data of six *Lactiplantibacillus plantarum* subsp. *argentoratensis* strains isolated from various Greek wheat sourdoughs. *Data in brief*, 37, 107172.

Moreno-Pino M, et al. (2021) Bacteria Isolated From the Antarctic Sponge *Iophon* sp. Reveals Mechanisms of Symbiosis in *Sporosarcina*, *Cellulophaga*, and *Nesterenkonia*. *Frontiers in microbiology*, 12, 660779.

Orgeur M, et al. (2021) Pathogenomic analyses of *Mycobacterium microti*, an ESX-1-deleted member of the *Mycobacterium tuberculosis* complex causing disease in various hosts. *Microbial genomics*, 7(2).

Prithvisagar KS, et al. (2021) Whole genome analysis unveils genetic diversity and potential virulence determinants in *Vibrio parahaemolyticus* associated with disease outbreak among cultured *Litopenaeus vannamei* (Pacific white shrimp) in India. *Virulence*, 12(1), 1936.

Zhou L, et al. (2021) Antimicrobial activity screening of rhizosphere soil bacteria from tomato and genome-based analysis of their antimicrobial biosynthetic potential. *BMC genomics*, 22(1), 29.

Manfredi M, et al. (2021) DeepREx-WS: A web server for characterising protein-solvent interaction starting from sequence. *Computational and structural biotechnology journal*, 19, 5791.

Cadel-Six S, et al. (2021) The Spatiotemporal Dynamics and Microevolution Events That Favored the Success of the Highly Clonal Multidrug-Resistant Monophasic *Salmonella* Typhimurium Circulating in Europe. *Frontiers in microbiology*, 12, 651124.

Leão T, et al. (2021) A Multi-Omics Characterization of the Natural Product Potential of Tropical Filamentous Marine Cyanobacteria. *Marine drugs*, 19(1).

Tarrah A, et al. (2021) *Lactobacillus paracasei* DTA81, a cholesterol-lowering strain having immunomodulatory activity, reveals gut microbiota regulation capability in BALB/c mice receiving high-fat diet. *Journal of applied microbiology*, 131(4), 1942.

Leangapichart T, et al. (2021) Comparative genomics of two *Shewanella xiamenensis* strains isolated from a pilgrim before and during travels to the Hajj. *Gut pathogens*, 13(1), 9.

MacAlasdair N, et al. (2021) The effect of recombination on the evolution of a population of *Neisseria meningitidis*. *Genome research*, 31(7), 1258.

Navas LE, et al. (2021) Bacterial Transformation of Aromatic Monomers in Softwood Black Liquor. *Frontiers in microbiology*, 12, 735000.

McDaniel EA, et al. (2021) Metabolic Differentiation of Co-occurring *Accumulibacter* Clades Revealed through Genome-Resolved Metatranscriptomics. *mSystems*, 6(4), e0047421.