

Resource Summary Report

Generated by [NIF](#) on Sep 2, 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: 20260829T182256+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 [NIF](#) .

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).

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.

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.

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

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.

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.

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).

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.

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.

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.

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.

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.

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.

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.

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

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

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.

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.