

Resource Summary Report

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MIRA

RRID:SCR_010731

Type: Tool

Proper Citation

MIRA (RRID:SCR_010731)

Resource Information

URL: <http://sourceforge.net/p/mira-assembler/wiki/Home/>

Proper Citation: MIRA (RRID:SCR_010731)

Description: Sequence assembler and mapper for whole genome shotgun and EST/RNASeq sequencing data.

Abbreviations: MIRA

Synonyms: Mimicking Intelligent Read Assembly

Resource Type: software resource

Defining Citation: [PMID:15140833](#), [DOI:10.1101/gr.1917404](#)

Keywords: bio.tools

Resource Name: MIRA

Resource ID: SCR_010731

Alternate IDs: OMICS_00023, biotools:mira

Alternate URLs: <https://bio.tools/mira>

Old URLs: <https://sources.debian.org/src/mira-assembler/>

Record Creation Time: 20220129T080300+0000

Record Last Update: 20260801T190355+0000

Ratings and Alerts

No rating or validation information has been found for MIRA.

No alerts have been found for MIRA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1036 mentions in open access literature.

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

Garsmeur O, et al. (2025) The genomic footprints of wild *Saccharum* species trace domestication, diversification, and modern breeding of sugarcane. *Cell*, 188(25), 7252.

Schultz C, et al. (2025) 4D-Spatiotemporal SHG Imaging for the Analysis of Drug-Induced Changes in the Dura Mater. *Analytical chemistry*, 97(7), 3892.

Nolan S, et al. (2025) A large-scale database of T-cell receptor beta sequences and binding associations from natural and synthetic exposure to SARS-CoV-2. *Frontiers in immunology*, 16, 1488851.

Hyeon GW, et al. (2025) Optimization of Activated Carbon Synthesis from Spent Coffee Grounds for Enhanced Adsorption Performance. *Molecules (Basel, Switzerland)*, 30(12).

Jongrungrotbaworn T, et al. (2025) Graphene oxide vacancies-assisted low temperature synthesis of graphitic carbon quantum dots for enhanced conductive networks in epoxy composites. *RSC advances*, 15(29), 24040.

Dehghanifard E, et al. (2025) Degradation of bisphenol a using zinc oxide decorated by nickel ferrite nanoparticles toward persulfate activation in the presence of ultraviolet radiation. *Scientific reports*, 15(1), 20758.

Mancinelli-Lyle D, et al. (2025) Efficacy of a water flosser compared to an interdental brush on gingival bleeding and gingival abrasion: A 4 week randomized controlled trial. *International journal of dental hygiene*, 23(1), 176.

Chen B, et al. (2025) miRNA-mRNA integrated analysis reveals candidate genes associated with salt stress response in Halophytic *Sonneratia apetala*. *RNA biology*, 22(1), 1.

Niki N, et al. (2025) A Randomized Crossover Clinical Trial Investigating 16-Branched Filament Toothbrush Effects on Dental Plaque Removal. *Clinical and experimental dental research*, 11(4), e70192.

Bouchard TP, et al. (2025) Validating At-Home Urinary Hormone Measurements in Postpartum and Perimenopause Fertility Transitions. *Women's health reports (New Rochelle, N.Y.)*, 6(1), 369.

Roy F, et al. (2025) Illuminating ecology and distribution of the rare fungus *Phellinidium pouzarii* in the Bavarian Forest National Park. *Scientific reports*, 15(1), 8604.

Marín-Benesiu F, et al. (2025) Integration of T cell repertoire, CyTOF, genotyping and symptomatology data reveals subphenotypic variability in COVID-19 patients. Computational and structural biotechnology journal, 27, 2063.

Khaleghiabbasabadi M, et al. (2025) Asparagine-modified magnetic graphene oxide as efficient green nanocatalyst for synthesis of chromenes and pyrano pyrazoles derivatives. Scientific reports, 15(1), 17252.

Cabezas-Rabadán C, et al. (2025) A remote monitoring approach for coastal engineering projects. Scientific reports, 15(1), 2955.

Zhuang L, et al. (2025) Advances in molecular epidemiology and detection methods of pseudorabies virus. Discover nano, 20(1), 45.

Figueiredo E, et al. (2025) What are forests for? Social perceptions of the functions of public-managed forests following mega-fire events. Ambio, 54(11), 1939.

Teodoro-Paulo J, et al. (2025) Suppression of Plant Resistance May Be a Common Trait Among Adapted Herbivores. Ecology and evolution, 15(7), e71706.

Kokhmetova A, et al. (2025) Genetic dissection of Septoria tritici blotch and Septoria nodorum blotch resistance in wheat using GWAS. Frontiers in plant science, 16, 1524912.

Takii A, et al. (2025) CD157+ vascular endothelial cells derived from human-induced pluripotent stem cells have high angiogenic potential. Inflammation and regeneration, 45(1), 14.

Deshmukh S, et al. (2025) Phase Transition Driven Zn-Ion Battery With Laser-Processed V₂C/V₂O₅ Electrodes for Wearable Temperature Monitoring. Small (Weinheim an der Bergstrasse, Germany), 21(7), e2409987.