

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

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: 20260725T190703+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 [PRECISE-TBI](#) .

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

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.

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.

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

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.