

Resource Summary Report

Generated by [NIF](#) on Aug 27, 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: 20260821T193906+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 1047 mentions in open access literature.

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

Krah FS, et al. (2026) Population Genomics of a Rare and a Common Wood-Inhabiting Fungal Species Across Europe. *Molecular ecology*, 35(3), e70260.

Louboutin L, et al. (2026) Characterization of novel pesti- and astro-like viruses in hatchery-reared European seabass (*Dicentrarchus labrax*) associated with health disorders and low mortality. *Veterinary research*, 57(1).

Zhou H, et al. (2026) Pangenome analysis reveals the genetic mechanism underlying high-altitude adaptation in Qinghai-Xizang (Tibet) Plateau *Rhododendron*. *Journal of integrative plant biology*, 68(7), 2166.

de Siqueira E Silva MC, et al. (2026) Mitochondrial genomes from RNA-Seq reveal phylogeny and selection in *Mepraia* (Hemiptera: Reduviidae). *Molecular genetics and genomics* : MGG, 301(1).

Saldamando CI, et al. (2026) Genomic and phylogenetic insights for three species of thrips (Thysanoptera: Terebrantia) associated with Colombian avocado. *Journal of insect science* (Online), 26(1).

Montague Z, et al. (2026) T-cell repertoire response in individuals with post-acute sequelae of COVID-19. *bioRxiv : the preprint server for biology*.

Hernandez-Vargas H, et al. (2026) Low Depth Epigenetic Mapping of Maturation Versus Retrodifferentiation in HepaRG Cells. *Epigenomes*, 10(2).

Yang D, et al. (2026) Alternative Polyadenylation Dynamics During the Rice Blast Immune Response. *Molecular plant pathology*, 27(7), e70301.

Braun J, et al. (2026) Contrasting effects of SARS-CoV-2 vaccination vs. infection on antibody and TCR repertoires. *PloS one*, 21(3), e0343939.

Fontenelle T, et al. (2026) Mitogenomic sequencing of the Brazilian Mastiff and Brazilian Terrier suggests a complex scenario of breed formation for two established Brazilian dog breeds. *Genetics and molecular biology*, 49(1), e20250149.

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

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).

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.

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.

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.

Mar??n-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.

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.