

# Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

## MIRA

RRID:SCR\_010731

Type: Tool

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### Proper Citation

MIRA (RRID:SCR\_010731)

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### 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:** 20260829T182345+0000

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### Ratings and Alerts

No rating or validation information has been found for MIRA.

No alerts have been found for MIRA.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## 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*.

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

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

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.

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

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

- Jongrungratbaworn 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.
- 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.
- 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.
- 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.
- 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.
- 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.