

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 23, 2025

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

Funding:

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: 20250420T014507+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 997 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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

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.

Jang J, et al. (2025) Dispersion-Stable Carboxymethyl Cellulose/Single-Walled Carbon Nanotube Composite for Water-Processed Organic Thermoelectrics. *Materials (Basel, Switzerland)*, 18(2).

Yin L, et al. (2025) Development and evaluation of a CRISPR/Cas12a-based diagnostic test for rapid detection and genotyping of HR-HPV in clinical specimens. *Microbiology spectrum*, 13(1), e0225324.

Saberi-Zare M, et al. (2025) Acid-decorated chitosan-magnetic aluminum ferrite as a bionanocomposite catalyst for green synthesis of biologically active [4,3?d]pyrido[1,2?a]pyrimidin-6?ones. *Scientific reports*, 15(1), 3408.

Wang H, et al. (2024) Fast and sensitive differential diagnosis of pseudorabies virus-infected versus pseudorabies virus-vaccinated swine using CRISPR-Cas12a. *Microbiology spectrum*, 12(1), e0261723.

Zheng Z, et al. (2024) A liquid metal-embedded 3D interconnected-porous TPU/MXene composite with improved capacitive sensitivity and pressure detection range. *RSC advances*, 14(22), 15730.

White RT, et al. (2024) Genomic epidemiology reveals geographical clustering of multidrug-

resistant *Escherichia coli* ST131 associated with bacteraemia in Wales. *Nature communications*, 15(1), 1371.

Randhawa A, et al. (2024) Calcium signaling positively regulates cellulase translation and secretion in a *Clr-2*-overexpressing, catabolically derepressed strain of *Penicillium funiculosum*. *Biotechnology for biofuels and bioproducts*, 17(1), 21.

Mozhaeva A, et al. (2024) A contrast sensitivity model of the human visual system in modern conditions for presenting video content. *PloS one*, 19(5), e0303987.

Chapman FA, et al. (2024) Cardiovascular and renal effects of apelin in chronic kidney disease: a randomised, double-blind, placebo-controlled, crossover study. *Nature communications*, 15(1), 8387.

Jo K, et al. (2024) Relationship of Hot Carcass Weight and Back Fat Thickness with the Fatness of Whole Pork Belly and Belly Slices. *Food science of animal resources*, 44(6), 1462.

Alaa Hadi-Al-Ward N, et al. (2024) Investigation of the Cytotoxic and Antiproliferative Effects of Liposomal Daunorubicin on Human Colorectal Cancer (HCT116) Cell Line. *Iranian journal of pharmaceutical research : IJPR*, 23(1), e144287.

Matra M, et al. (2024) Microencapsulation of *Mitragyna* leaf extracts to be used as a bioactive compound source to enhance in vitro fermentation characteristics and microbial dynamics. *Animal bioscience*, 37(1), 74.

Kim SJ, et al. (2024) The Impact of ZIF-8 Particle Size Control on Low-Humidity Sensor Performance. *Nanomaterials (Basel, Switzerland)*, 14(3).

Cahill LC, et al. (2024) Data retrieval from archival renal biopsies using nonlinear microscopy. *PloS one*, 19(3), e0299506.

Diaz-Sanahuja L, et al. (2024) A Self-Applied Psychological Treatment for Gambling-Related Problems via The Internet: A Pilot, Feasibility Study. *Journal of gambling studies*, 40(3), 1623.

Thureborn O, et al. (2024) Phylogenomics and topological conflicts in the tribe *Anthospermeae* (Rubiaceae). *Ecology and evolution*, 14(1), e10868.

Wakas Oram H, et al. (2024) Effectiveness of Triton Irrigation Solution in Smear Layer Removal: An in-vitro Study. *European endodontic journal*, 9(2), 139.

Chang Z, et al. (2024) Single-cell and spatial multiomic inference of gene regulatory networks using SCRIPro. *Bioinformatics (Oxford, England)*, 40(7).