

# Resource Summary Report

Generated by [dkNET](#) on Aug 8, 2026

## MirAlign

RRID:SCR\_010572

Type: Tool

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### Proper Citation

MirAlign (RRID:SCR\_010572)

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### Resource Information

**URL:** <http://bioinfo.au.tsinghua.edu.cn/miralign/>

**Proper Citation:** MirAlign (RRID:SCR\_010572)

**Description:** An online tool to identify homologous miRNA genes. This tool can search for new miRNA candidates by requiring structural similarity and sequence conservations between new candidates and experimentally identified miRNAs. Simply Input your sequence and parameters.

**Resource Type:** analysis service resource, data analysis service, production service resource, service resource

**Resource Name:** MirAlign

**Resource ID:** SCR\_010572

**Alternate IDs:** nlx\_41642

**Record Creation Time:** 20220129T080259+0000

**Record Last Update:** 20260808T190426+0000

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### Ratings and Alerts

No rating or validation information has been found for MirAlign.

No alerts have been found for MirAlign.

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### Data and Source Information

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

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### Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Loganathan T, et al. (2023) Non-coding RNAs in human health and disease: potential function as biomarkers and therapeutic targets. *Functional & integrative genomics*, 23(1), 33.

Patil S, et al. (2021) MicroRNA-mediated bioengineering for climate-resilience in crops. *Bioengineered*, 12(2), 10430.

Pace RM, et al. (2016) Composition and genomic organization of arthropod Hox clusters. *EvoDevo*, 7, 11.

Liu Y, et al. (2015) The expression profile of Aedes albopictus miRNAs is altered by dengue virus serotype-2 infection. *Cell & bioscience*, 5, 16.

Zeng Z, et al. (2015) Survey of Natural Language Processing Techniques in Bioinformatics. *Computational and mathematical methods in medicine*, 2015, 674296.

Shinde S, et al. (2015) A complex genome-microRNA interplay in human mitochondria. *BioMed research international*, 2015, 206382.

Vlachakis D, et al. (2013) Antiviral Stratagems Against HIV-1 Using RNA Interference (RNAi) Technology. *Evolutionary bioinformatics online*, 9, 203.

Unver T, et al. (2009) Review of current methodological approaches for characterizing microRNAs in plants. *International journal of plant genomics*, 2009, 262463.