

# Resource Summary Report

Generated by [dkNET](#) on Sep 18, 2026

## MISA

RRID:SCR\_010765

Type: Tool

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### Proper Citation

MISA (RRID:SCR\_010765)

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### Resource Information

**URL:** <http://pgrc.ipk-gatersleben.de/misa/>

**Proper Citation:** MISA (RRID:SCR\_010765)

**Description:** Software tool that allows the identification and localization of perfect microsatellites as well as compound microsatellites which are interrupted by a certain number of bases.

**Abbreviations:** MISA

**Synonyms:** MISA - MicroSAtellite identification tool

**Resource Type:** software resource

**Keywords:** bio.tools

**Resource Name:** MISA

**Resource ID:** SCR\_010765

**Alternate IDs:** OMICS\_00110, biotools:misa

**Alternate URLs:** <https://bio.tools/misa>

**Record Creation Time:** 20220129T080300+0000

**Record Last Update:** 20260912T195723+0000

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### Ratings and Alerts

No rating or validation information has been found for MISA.

No alerts have been found for MISA.

## Data and Source Information

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

## Usage and Citation Metrics

We found 1053 mentions in open access literature.

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

Tian C, et al. (2026) Complete mitochondrial genome assembly and analysis of *Astragalus* (Papilionoideae: Fabaceae) species revealed its RNA editing and phylogenetic implications. *BMC plant biology*, 26(1).

Wang L, et al. (2026) Chromosome-level genome assembly, annotation, evolutionary analysis, and establishment of transformation systems in *Carex rigescens*. *Plant cell reports*, 45(5).

Gan R, et al. (2026) Development and application of genome-derived SSR markers for genetic diversity analysis, molecular fingerprinting, and core collection construction in *bougainvillea* (*Bougainvillea* spp.). *BMC genomics*, 27(1).

Liang J, et al. (2026) Comparative mitochondrial genomics of cultivated *Sesamum indicum* and its wild relative *Sesamum schinzianum* provides insights into structural features and organellar evolution. *Frontiers in plant science*, 17, 1858359.

Tao XY, et al. (2026) Characterization and Comparative Analysis of the Complete Mitochondrial Genome of a Limestone-Endemic Endangered Plant Species *Hemiboea yongfuensis* (Gesneriaceae). *Genes*, 17(2).

An KL, et al. (2026) Plastome evolution and phylogenomics of *Glycine* (Leguminosae: Papilionoideae). *BMC plant biology*, 26(1).

Bao M, et al. (2026) Combined SMRT and Illumina RNA Sequencing Reveals the Alternative Splicing-Mediated Regulation of Anthocyanin Accumulation in Potato (*Solanum tuberosum* L.). *Plants* (Basel, Switzerland), 15(3).

Guo C, et al. (2026) Chromosome-level genome assembly of the nematophagous flatworm *Luticola nematophagus*: revealing molecular adaptations for predation and its biocontrol potential against nematode diseases. *BMC genomics*, 27(1).

Zhang S, et al. (2026) Assembly and comparative analysis of the complete mitochondrial genome of the *Maclura tricuspidata*. *BMC genomics*, 27(1), 129.

Gao J, et al. (2026) Polyploidy drives structural and functional evolution in *Camellia* mitochondrial genomes. *BMC genomics*, 27(1), 224.

Pan W, et al. (2026) Analysis of chloroplast genomes and SSR classification and identification of *Agropyron* species and closely related species. *Scientific reports*, 16(1), 3579.

Deng Y, et al. (2026) Characterization of the Complete Mitochondrial Genome of *Pedicularis henryi* and Its Phylogenetic Implications in Lamiales. *Biology*, 15(7).

Shi X, et al. (2026) Chloroplast genomes provide new insights into the phylogeny and evolution of the genus *Hibiscus* L. *BMC plant biology*, 26(1).

Wei YM, et al. (2026) Comparative Chloroplast Genome Analyses Reveal a Fine-Scale Phylogenetic Framework and Cryptic Diversity in the *Fagopyrum dibotrys* Complex (Polygonaceae). *Genes*, 17(2).

Wang J, et al. (2026) The chromosomal-level genome assembly and annotation of *Phyllospadix iwatensis* (Surfgrass). *Scientific data*, 13(1).

Jin C, et al. (2026) Comparative mitochondrial genome analyses of five medicinal mushroom *Sanghuangporus* provide insights into conservation, variation, and phylogenetic relationships. *BMC genomics*, 27(1).

Lei M, et al. (2026) Assembly and Comparative Analysis of the Complete Mitochondrial Genome of *Corydalis ophiocarpa* (Papaveraceae). *Current issues in molecular biology*, 48(6).

He Y, et al. (2026) Pan-Plastome Evolution and Metabolite Variation Provide Insights to Conservation of the Tibetan Medicinal Plant *Mirabilis himalaica*. *Plants (Basel, Switzerland)*, 15(11).

Li S, et al. (2026) Full-Length transcriptome assembly and SSR marker development for *Spinibarbus hollandi* using PacBio SMRT sequencing. *Scientific reports*, 16(1), 5629.

Han S, et al. (2026) Assembly and comparative analysis of the complete mitochondrial genome of *Tetrastigma Hemsleyanum* Diels & Gilg: an invaluable traditional Chinese medicine. *BMC plant biology*, 26(1), 227.