Resource Summary Report

Generated by SPARC SAWG on Sep 13, 2026

MISA

RRID:SCR_010765
Type: Tool

Proper Citation

MISA (RRID:SCR_010765)

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

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 SPARC SAWG .

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.