

Resource Summary Report

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Tandem Repeats Finder

RRID:SCR_022193

Type: Tool

Proper Citation

Tandem Repeats Finder (RRID:SCR_022193)

Resource Information

URL: <https://github.com/Benson-Genomics-Lab/TRF>

Proper Citation: Tandem Repeats Finder (RRID:SCR_022193)

Description: Software tool to locate and display tandem repeats in DNA sequences. Program to analyze DNA sequences.

Abbreviations: TRF

Resource Type: data analysis software, data processing software, sequence analysis software, software application, software resource

Defining Citation: [PMID:9862982](#)

Keywords: nucleotides pattern, pattern copies, DNA tandem repeat, DNA sequences, locate tandem repeats

Funding: NSF CCR9623532

Availability: Free, Available for download, Freely available

Resource Name: Tandem Repeats Finder

Resource ID: SCR_022193

Alternate URLs: <https://tandem.bu.edu/trf/trf.html>

License: AGPL v3.0

Record Creation Time: 20220427T191217+0000

Record Last Update: 20260829T182731+0000

Ratings and Alerts

No rating or validation information has been found for Tandem Repeats Finder.

No alerts have been found for Tandem Repeats Finder.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 544 mentions in open access literature.

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

Swift SZ, et al. (2026) Integration of Short- and Long-Read RNA Sequencing Enables the Discovery of Circular RNAs. *Cancer research*, 86(5), 1300.

Luo Q, et al. (2026) Comparative Mitogenomics of *Channa pyrophthalmus* Unveils Orogeny-Driven Speciation and Lineage-Specific Adaptive Evolution in Snakeheads. *Animals : an open access journal from MDPI*, 16(3).

Ahoty ESS, et al. (2026) Whole-Genome Sequencing and Analysis Reveals Plant Growth-Promoting Properties and Biocontrol Potential of the *Crotalaria retusa* Endophytic *Bacillus velezensis* Strain G2T39. *Microorganisms*, 14(1).

Perez G, et al. (2026) Comparative Mitogenomics Reveals Intron Dynamics and Mitochondrial Gene Expression Shifts in Domesticated and Wild *Pleurotus ostreatus*. *Journal of fungi (Basel, Switzerland)*, 12(1).

Wang J, et al. (2026) Mitochondrial genome assembly, comparative analysis of two caprifoliaceae species, and insights into adaptive evolution. *BMC plant biology*, 26(1).

Gong W, et al. (2026) The complete mitochondrial genome and phylogenetic analysis of *Festuca pratensis*. *Frontiers in plant science*, 17, 1850006.

Urban-Olivares J, et al. (2026) The Copepoda mitogenome as a dynamic evolutionary landscape. *PloS one*, 21(6), e0350115.

Hu S, et al. (2026) Chloroplast Genome Insights of *Gleditsia japonica* var. *velutina* and Evolutionary Implications for Variation and Phylogeny in *Gleditsia*. *Ecology and evolution*, 16(6), e73826.

Wujdi A, et al. (2026) Mitogenomic Insights into the *Hampala Barb* (*Hampala macrolepidota*) from Sumatra, Indonesia: Characterization, Phylogenetic Placement, and Genetic Diversity. *Biomolecules*, 16(2).

Akintola AA, et al. (2026) Evolutionary insights from complete mitochondrial genomes of *Aedes albopictus* and *Culex pipiens molestus* (Diptera: Culicidae). *Animal cells and systems*, 30(1), 146.

Phuklia W, et al. (2026) Targeting surface cell antigen 2 increases sensitivity of *Rickettsia typhi* detection. *PLoS neglected tropical diseases*, 20(2), e0014004.

Huynh TTT, et al. (2026) Complete mitochondrial genome sequence data of *Pterygoplichthys gibbiceps* (Actinopterygii, Loricariidae). *Data in brief*, 67, 112963.

Ding S, et al. (2026) Chromosome-level genome assembly of a Chinese evergreen sweetgum (*Liquidambar gracilipes*, Altingiaceae). *Scientific data*, 13(1), 66.

Zhang H, et al. (2026) Complete mitochondrial genome of *Salix variegata* Franch.: assembly, characterization, and comparative analysis. *Frontiers in plant science*, 17, 1804453.

Liu H, et al. (2026) The genomes of 5 mantises provide insights into sex chromosome evolution and Mantodea phylogeny clarification. *GigaScience*, 15.

Mao C, et al. (2026) Chromosome-level genome assembly and transcriptomes of the leaf insect *Cryptophyllum westwoodii* provide insights into the evolution of leaf-like masquerade. *GigaScience*, 15.

Ma Q, et al. (2026) The pan-genome provides insights into evolutionary dynamics and fatty acid metabolism in Aceraceae family. *Genome biology*, 27(1).

Wang Y, et al. (2026) A chromosome level genome, as well as transcriptomes and metabolomes, insights into genome evolution and the biosynthesis of kaempferol and kaempferol derivatives in *Impatiens balsamina* (Balsaminaceae). *Frontiers in plant science*, 17, 1725789.

Hassan M, et al. (2026) Genomic and functional characterization of a lytic *Klebsiella* phage UHKP with antibiofilm activity. *Frontiers in microbiology*, 17, 1775638.

Putra A, et al. (2026) Comprehensive mitogenomic insights into *Hemibagrus velox* endemic to Sumatra, Indonesia and its phylogenetic relationships within the Bagridae lineage. *BMC genomics*, 27(1).