

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

Aragorn

RRID:SCR_015974

Type: Tool

Proper Citation

Aragorn (RRID:SCR_015974)

Resource Information

URL: <http://mbio-serv2.mbioekol.lu.se/ARAGORN/>

Proper Citation: Aragorn (RRID:SCR_015974)

Description: Software that detects tRNA genes and tmRNA genes in nucleotide sequences. The program employs heuristic algorithms to predict tRNA secondary structure, based on homology with recognized tRNA consensus sequences and ability to form a base-paired cloverleaf., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16, 2025.

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

Defining Citation: [PMID:14704338](#), [DOI:10.1093/nar/gkh152](#)

Keywords: software, program, nucleotide, sequence, detect, tmRNA, tRNA

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Aragorn

Resource ID: SCR_015974

Alternate IDs: OMICS_04227

Alternate URLs: <https://sources.debian.org/src/arden/>

License: GPLv3

Record Creation Time: 20220129T080328+0000

Record Last Update: 20260808T190046+0000

Ratings and Alerts

No rating or validation information has been found for Aragorn.

No alerts have been found for Aragorn.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 474 mentions in open access literature.

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

Ju X, et al. (2026) Comparing chloroplast genomes of Tulipa species: genome evolution and phylogenomic implications. BMC genomics, 27(1).

Rivas-Santisteban J, et al. (2025) Metagenomic analysis of heavy water-adapted bacterial communities. Microbial genomics, 11(5).

Zou T, et al. (2025) Chloroplast whole genome assembly and phylogenetic analysis of Persicaria criopolitana reveals its new taxonomic status. Scientific reports, 15(1), 19890.

Nawrocki EP, et al. (2025) Expansion of the tmRNA sequence database and new tools for search and visualization. NAR genomics and bioinformatics, 7(1), lqaf019.

Janssen AB, et al. (2025) PneumoBrowse 2: an integrated visual platform for curated genome annotation and multiomics data analysis of Streptococcus pneumoniae. Nucleic acids research, 53(D1), D839.

Takita K, et al. (2025) Distribution and functional analysis of two types of quorum sensing gene pairs, glal1/glaR1 and glal2/glaR2, in Burkholderia gladioli. FEMS microbiology letters, 372.

Stevens-Green R, et al. (2025) Organellar Genomes of Three Globally Important Nanoplanktonic Diatoms Refine Their Taxon-Specific Distribution and Succession Patterns in the Northwest Atlantic. The Journal of eukaryotic microbiology, 72(5), e70033.

Cui H, et al. (2025) Branched-chain amino acid metabolism supports Roseobacteraceae positive interactions in marine biofilms. Applied and environmental microbiology, 91(3), e0241124.

Liu L, et al. (2025) Complete chloroplast genome sequencing of Pseudocodon convolvulaceus, a medicinal herb from Qinghai-Tibet Plateau in China. PloS one, 20(8), e0328307.

Guo W, et al. (2025) Transcriptomic analysis of Virescentia guangxiensis (Rhodophyta: Batrachospermales) revealed differential expression of genes in gametophyte and chantransia life phases. BMC genomics, 26(1), 202.

Washington JM, et al. (2025) Expanding the Diversity of Actinobacterial Tectiviridae: A Novel Genus from Microbacterium. *Viruses*, 17(1).

Rubalskii E, et al. (2025) Characterization and genome analysis of the novel virulent Burkholderia phage Bm1, which is active against pan-drug-resistant Burkholderia multivorans. *Archives of virology*, 170(5), 106.

Li Y, et al. (2025) PlasmidScope: a comprehensive plasmid database with rich annotations and online analytical tools. *Nucleic acids research*, 53(D1), D179.

Ruang-Areerate P, et al. (2025) Comparative Chloroplast Genomes and Phylogenetic Relationships of True Mangrove Species *Brownlowia tersa* and *Brownlowia argentata* (Malvaceae). *Current issues in molecular biology*, 47(2).

Záhonová K, et al. (2025) Comparative genomic analysis of trypanosomatid protists illuminates an extensive change in the nuclear genetic code. *mBio*, 16(6), e0088525.

Li X, et al. (2025) Analysis of synonymous codon usage bias in the chloroplast genome of five *Caragana*. *BMC plant biology*, 25(1), 322.

Daundasekara KC, et al. (2025) Plastomic studies inform the mechanisms of edaphic adaptation in North American species in the tribe Thelypodieae (Brassicaceae). *American journal of botany*, 112(7), e70071.

Maurya S, et al. (2025) Comparative plastome evaluation, phylogenomic analysis, and DNA signatures of medicinally important malvaceous genera and their adulterants. *Scientific reports*, 15(1), 24285.

Supina BSI, et al. (2025) A flagella-dependent Burkholderia jumbo phage controls rice seedling rot and steers Burkholderia glumae toward reduced virulence in rice seedlings. *mBio*, 16(3), e0281424.

Bulzu PA, et al. (2025) Lineage-specific expansions of polinton-like viruses in photosynthetic cryptophytes. *Microbiome*, 13(1), 154.