

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

iTOL

RRID:SCR_018174

Type: Tool

Proper Citation

iTOL (RRID:SCR_018174)

Resource Information

URL: <https://itol.embl.de/>

Proper Citation: iTOL (RRID:SCR_018174)

Description: Web tool for display, annotation and management of phylogenetic trees. Accessible with any modern web browser.

Synonyms: interactive Tree Of Life

Resource Type: software resource, data access protocol, service resource, web service

Defining Citation: [PMID:30931475](#)

Keywords: Phylogenetic tree, phylogeny, data visualization, data annotation, data management, dataset, bio.tools

Funding: German Federal Ministry of Education and Research ;
European Research Council ;
European Molecular Biology Laboratory

Availability: Free, Freely available

Resource Name: iTOL

Resource ID: SCR_018174

Alternate IDs: biotools:itol

Alternate URLs: <https://bio.tools/itol>

Record Creation Time: 20220129T080339+0000

Record Last Update: 20260801T190611+0000

Ratings and Alerts

No rating or validation information has been found for iTOL.

No alerts have been found for iTOL.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3161 mentions in open access literature.

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

Peng Z, et al. (2026) Association between weaning stress and rumen microbiota in goat kids: evidence from granger causality and randomized controlled trial validation. *Animal bioscience*, 39(1), 250092.

Xu H, et al. (2026) Teleost GSDMEc regulates GSDMEa-mediated pyroptosis. *Journal of advanced research*, 79, 105.

Du Y, et al. (2026) Insect I-Type Lysozymes Function as Antiviral Proteases by Forming Biomolecular Condensates. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(1), e14408.

Liang B, et al. (2026) Antimicrobial resistance and virulence analysis of *Escherichia coli* carried by black-faced spoonbill (*Platalea minor*) in Liaoning, China. *PloS one*, 21(1), e0339376.

Zhang J, et al. (2026) Clonal dissemination of ST19 *Salmonella* Typhimurium within a Chinese poultry breeding pyramid and One-Health implications. *Poultry science*, 105(1), 106097.

Zhang P, et al. (2026) Resurrection and characterization of ancestral xylose transporters enhance the capability of xylose uptake in the mixed sugar co-fermentation of Recombinant *Saccharomyces cerevisiae*. *Bioresources and bioprocessing*, 13(1), 1.

Zhao Y, et al. (2026) Phenotypic and genotypic differences between bloodstream and non-blood *Candida krusei* isolates: implications for invasiveness and antifungal susceptibility. *Microbiology spectrum*, 14(1), e0260825.

Xu X, et al. (2026) Novel genotyping and genetic heterogeneity of chicken parvovirus in central and Eastern China. *Poultry science*, 105(1), 105997.

Yu H, et al. (2026) The mutated very virulent IBDV (mvvIBDV) suppresses immune responses to avian influenza and newcastle disease immunization. *Poultry science*, 105(1), 106163.

Sari E, et al. (2026) Gene duplication, horizontal gene transfer, and trait trade-offs drive evolution of postfire resource acquisition in pyrophilous fungi. *Proceedings of the National*

Academy of Sciences of the United States of America, 123(1), e2519152123.

Chen Y, et al. (2026) Structure insight into FtsZ function maintaining under acid stress of *Streptococcus mutans*. *International journal of oral science*, 18(1), 3.

Farias FM, et al. (2026) Streptocyclin BTW is a novel member of a diverse family of circular bacteriocins in the genus *Streptococcus*. *Molecular nutrition & food research*, 70(1), e70290.

Ahmed FH, et al. (2026) Disordered N-termini enhance the thermostability of SGNH-hydrolase family polyesterases. *Protein science : a publication of the Protein Society*, 35(1), e70402.

Liu C, et al. (2025) A chromosome-scale genome assembly of the pioneer plant *Stylosanthes angustifolia*: insights into genome evolution and drought adaptation. *GigaScience*, 14.

Pan S, et al. (2025) A holistic genome dataset of bacteria and archaea of mangrove sediments. *GigaScience*, 14.

Zilkha N, et al. (2025) Distinct oxytocin populations support seismic social communication and militant behaviors in a naturally solitary wild rodent. *iScience*, 28(12), 114151.

Starcevic A, et al. (2025) Long-read metagenomic sequencing negates inferred loss of cytosine methylation in *Myxosporea* (Cnidaria: Myxozoa). *GigaScience*, 14.

Scadden J, et al. (2025) The nisin O cluster: species dissemination, candidate leader peptide proteases and the role of regulatory systems. *Microbiology (Reading, England)*, 171(2).

Zhang G, et al. (2025) Genomic and transcriptomic analyses of *Heteropoda venatoria* reveal the expansion of P450 family for starvation resistance in spiders. *GigaScience*, 14.

Light-Maka I, et al. (2025) Bronze Age *Yersinia pestis* genome from sheep sheds light on hosts and evolution of a prehistoric plague lineage. *Cell*.