

Resource Summary Report

Generated by [ASWG](#) on Aug 25, 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: data access protocol, service resource, software resource, web service

Defining Citation: [PMID:30931475](#)

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

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

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: 20260821T194129+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 5217 mentions in open access literature.

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

Nickles GR, et al. (2026) Tracing the origins of crmA megasynthase through lichen genomes. *Current biology : CB*, 36(13), 3354.

Huang KK, et al. (2026) Mutational Signatures and Clonal Hematopoiesis in Intestinal Metaplasia across Countries with Varying Stomach Cancer Incidence. *Cancer discovery*, 16(3), 497.

Sharma M, et al. (2026) Improved reference assembly and core collection resequencing to facilitate exploration of important agronomical traits for the improvement of oilseed crop, *Carthamus tinctorius* L. *GigaScience*, 15.

Delgado-Suarez EJ, et al. (2026) Emergence of multidrug-resistant blaCTX-M-65/gyrA_D87Y clones among the circulating *Salmonella* *Infantis* population in Mexico. *Microbial genomics*, 12(2).

Withatanung P, et al. (2026) Phage-based diagnostic assay for melioidosis using multiplex PCR targeting *Burkholderia* phage terminase genes. *iScience*, 29(3), 114831.

Chen L, et al. (2026) Mycobacterial metallophosphatase MmpE acts as a nucleomodulin to regulate host gene expression and promote intracellular survival. *eLife*, 14.

Zeng L, et al. (2026) Functional genomics reveals key gene families and molecular pathways for extreme cold survival in the khapra beetle. *BMC biology*, 24(1).

Francette AM, et al. (2026) Evolutionary analysis of transcription elongation factors reveals conserved and lineage-specific regulatory domains. *PLoS biology*, 24(6), e3003855.

Tang B, et al. (2026) Acquired antimicrobial resistance genes in *Bordetella* Species: a global genomic analysis. *The Journal of antimicrobial chemotherapy*, 81(1).

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.

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.

HuangFu N, et al. (2026) Gut Microbe-Driven Resistance Mechanisms in *Propylea Japonica*: Insights from Horizontal Gene Transfer and Oxidative Phosphorylation. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(11), e20326.

Zeng Q, et al. (2026) Isolation and characterization of marine microorganisms capable of degrading plastics. *mSystems*, 11(1), e0138825.

Shie SS, et al. (2026) Clinical and genomic insights into persistent carbapenem-resistant *Klebsiella pneumoniae* bacteremia: risk factors, resistance mechanisms, and treatment challenges. *Biomedical journal*, 49(2), 100905.

Fu T, et al. (2026) Genome-wide association study and evolutionary analysis of the CrRLK1L family reveal BnCrRLK1L1_5 as a positive regulator of *Sclerotinia sclerotiorum* resistance in *Brassica napus*. *BMC plant biology*, 26(1).

, et al. (2026) The Nipah virus threat in India: Epidemiological trends, risk drivers, and lessons for pandemic preparedness. *PLoS pathogens*, 22(5), e1014226.

Yuan C, et al. (2026) Integrated Phylogenomics and Expression Profiling of the Peptide Deformylase Gene Family in *Oryza sativa* Reveals Their Role in Development and Stress Tolerance. *Current issues in molecular biology*, 48(4).

Fan Y, et al. (2026) Identification of SmNAC28 Transcription Factor and Its Mechanism of Regulating Salt Tolerance in Eggplant via S-Palmitoylation. *Current issues in molecular biology*, 48(4).

Qin S, et al. (2026) Global emergence, evolution and international dissemination of the ST145 *Klebsiella oxytoca* lineage. *npj antimicrobials and resistance*, 4(1).

Liu S, et al. (2026) Comprehensive genome-wide identification, structural analysis, and cold-responsive expression profiling of double B-box (DBB) transcription factors in melon (*Cucumis melo* L.). *BMC plant biology*, 26(1).