Resource Summary Report

Generated by PRECISE-TBI on Sep 7, 2026

PhyML

RRID:SCR_014629
Type: Tool

Proper Citation

PhyML (RRID:SCR_014629)

Resource Information

URL: http://www.atgc-montpellier.fr/phyml/

Proper Citation: PhyML (RRID:SCR_014629)

Description: Web phylogeny server based on the maximum-likelihood principle.

Resource Type: software resource, source code, web application

Defining Citation: DOI:10.1093/molbev/msq060

Keywords: phylogenic software, phylogeny, maximum likelihood, web server, bio.tools

Availability: Public server, Source code is available on request

Resource Name: PhyML

Resource ID: SCR_014629

Alternate IDs: biotools:phyml, OMICS_04241

Alternate URLs: https://bio.tools/phyml, https://sources.debian.org/src/phyml/

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260905T133258+0000

Ratings and Alerts

No rating or validation information has been found for PhyML.

No alerts have been found for PhyML.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7951 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Rathore U, et al. (2026) Systematic discovery of pro- and anti-HIV host factors in primary human CD4+ T cells. Cell, 189(12), 3651.

Rieu O, et al. (2026) High Prevalence and Diversity of Alphacoronaviruses in Bats in Southern France. EcoHealth, 23(1), 84.

Derouiche L, et al. (2026) Genetic evidence for the rediscovery in the wild of the critically endangered Sahara killifish Apricaphanius saourensis (Cyprinodontiformes: Aphaniidae). Die Naturwissenschaften, 113(1), 21.

Pecrix Y, et al. (2026) Phylogenomics of Plasmopara halstedii Reveals Genomic Regions Associated With the Breakdown of Sunflower Downy Mildew Resistance Genes. Molecular ecology, 35(4), e70270.

Ferraro E, et al. (2026) Monitoring the health of wolves (Canis lupus): Integrating conservation and public health. PloS one, 21(1).

Pataki A, et al. (2026) Occurrence of diverse circoviruses in wild birds in Hungary. Veterinary research, 57(1), 28.

Kiplagat S, et al. (2026) Sand fly endosymbionts in Kenya: Rickettsia and Wolbachia associations with Leishmania and detection of Rickettsia africae. Parasites & vectors, 19(1).

López-Astacio RA, et al. (2026) Distinct evolutionary patterns of endemic and emerging parvoviruses and the origin of a new pandemic virus. Proceedings of the National Academy of Sciences of the United States of America, 123(16), e2515274123.

Schenstnyi K, et al. (2026) Methylviologen resistance in loss-of-function mutants of the polyamine transporter gene OsLAT5. PloS one, 21(4), e0346828.

Blancfuney C, et al. (2026) Critical role of P-Glycoprotein-9 in ivermectin tolerance in nematodes. PLoS pathogens, 22(3), e1013355.

Shapkin V, et al. (2026) Limitations of Common Molecular Markers in Fungal Biodiversity Analysis and the Benefits of Their Synergistic Use. Molecular ecology resources, 26(3), e70123.

Palacios Ò, et al. (2026) The evolutionary history of chelicerate metallothioneins reveals de novo emergence and metal-binding specialization across the subphylum. Scientific reports, 16(1).

Strádal J, et al. (2026) Screening of ester-forming and hydrolyzing enzymes linked to pheromone production in Ips typographus (Linnaeus, 1758). BMC genomics, 27(1).

Shakya M, et al. (2026) Early Detection and Surveillance of the SARS-CoV-2 Variant BA.3.2 - Worldwide, November 2024-February 2026. MMWR. Morbidity and mortality weekly report, 75(10), 130.

Mo Y, et al. (2026) Drug resistance mechanisms and molecular epidemiology of carbapenem-resistant Klebsiella pneumoniae in pulmonary infections. BMC infectious diseases, 26(1).

Jin S, et al. (2026) Goondoxazoles A-C: Anthelmintic Spiroketal Polyketide Alkaloids and Other Benzoxazoles from Australian Pasture Soil-Derived Streptomyces spp. Antibiotics (Basel, Switzerland), 15(3).

Droc G, et al. (2026) A Super-Pangenome for Cultivated Citrus Reveals Evolutive Features During the Allopatric Phase of Their Reticulate Evolution. Plant biotechnology journal, 24(5), 3345.

Latrofa MS, et al. (2026) Nuclear, mitochondrial, and Wolbachia endosymbiont genomes of Onchocerca lupi, Portugal. mSphere, 11(2), e0062525.

Mochales-Riaño G, et al. (2026) Chromosome-level reference genome for the common wall gecko (Tarentola mauritanica) enables comparative and functional studies in geckos. G3 (Bethesda, Md.), 16(5).

Quan W, et al. (2026) Whole-genome analysis reveals the growth-promoting and biocontrol potential of Bacillus amyloliquefaciens Ba. YN.J3 isolated from Avena Sativa. BMC genomics, 27(1).