

Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 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](https://doi.org/10.1093/molbev/msq060)

Keywords: phylogenetic 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

Usage and Citation Metrics

We found 7951 mentions in open access literature.

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

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

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).

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.

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).

Hung SW, et al. (2026) Endophytic Biostimulant Pyrroloquinoline Quinone Enhances Banana Growth and Primes Immunity Against *Fusarium* Wilt. *Physiologia plantarum*, 178(3), e70913.

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

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

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.

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

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

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

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

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.

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.

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).

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).

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).