

Resource Summary Report

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BAMMtools

RRID:SCR_027137

Type: Tool

Proper Citation

BAMMtools (RRID:SCR_027137)

Resource Information

URL: <https://cran.r-project.org/web/packages/BAMMtools/index.html>

Proper Citation: BAMMtools (RRID:SCR_027137)

Description: Software R package for analysis and visualization of macroevolutionary dynamics on phylogenetic trees.

Synonyms: Bayesian Analysis of Macroevolutionary Mixtures tools

Resource Type: software toolkit, software resource

Defining Citation: [DOI:10.1111/2041-210X.12199](https://doi.org/10.1111/2041-210X.12199)

Keywords: macroevolutionary dynamics, phylogenetic trees, analysis and visualization,

Funding: US National Science Foundation

Availability: Free, Available for download, Freely available

Resource Name: BAMMtools

Resource ID: SCR_027137

License: GNU GPL

Record Creation Time: 20250703T065557+0000

Record Last Update: 20260810T040923+0000

Ratings and Alerts

No rating or validation information has been found for BAMMtools.

No alerts have been found for BAMMtools.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 44 mentions in open access literature.

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

Patron-Rivero C, et al. (2026) A comprehensive morphological database of hognose Porthidium pitvipers (Viperidae: Crotalinae). Database : the journal of biological databases and curation, 2026.

Komrokji SR, et al. (2026) Geospatial Analysis of Accredited Lung Cancer Screening Facilities in Florida Reveals Suboptimal Alignment with High-Risk Populations. Cancer research communications, 6(2), 294.

Thompson JB, et al. (2026) CactEcoDB: Trait, spatial, environmental, phylogenetic and diversification data for the cactus family. Scientific data, 13(1).

Ou H, et al. (2025) Dynamic interplay between niche variation and flight adaptability drove a hundred million years' dispersion in iconic lacewings. Proceedings of the National Academy of Sciences of the United States of America, 122(19), e2414549122.

Yoder EB, et al. (2025) Multiple Pathways of Visual Adaptations for Water Column Usage in an Antarctic Adaptive Radiation. Ecology and evolution, 15(3), e70867.

Famili-Youth EHH, et al. (2025) Aberrant expression of collagen type X in solid tumor stroma is associated with EMT, immunosuppressive and pro-metastatic pathways, bone marrow stromal cell signatures, and poor survival prognosis. BMC cancer, 25(1), 247.

Rosenblatt EG, et al. (2025) Fomites Could Determine Severity of SARS-CoV-2 Outbreaks in Low-Density White-Tailed Deer (Odocoileus virginianus) Populations. Transboundary and emerging diseases, 2025, 1352911.

Brownstein CD, et al. (2025) The many origins of extremophile fishes. Proceedings. Biological sciences, 292(2046), 20250217.

Meurville MP, et al. (2025) Ecological change and conflict reduction led to a social circulatory system in ants. Communications biology, 8(1), 246.

Xu XM, et al. (2024) Phylogeny, biogeography, and character evolution of Anaphalis (Gnaphalieae, Asteraceae). Frontiers in plant science, 15, 1336229.

Ling YY, et al. (2024) Out of and in East Asia: phylogeny, biogeography and diversification of Thalictrioideae (Ranunculaceae) in the Northern Hemisphere. Annals of botany, 134(7), 1251.

Xue T, et al. (2024) Radiating diversification and niche conservatism jointly shape the inverse latitudinal diversity gradient of Potentilla L. (Rosaceae). BMC plant biology, 24(1),

Stieb SM, et al. (2024) Short-wavelength-sensitive 1 (SWS1) opsin gene duplications and parallel visual pigment tuning support ultraviolet communication in damselfishes (Pomacentridae). *Ecology and evolution*, 14(4), e11186.

Law CJ, et al. (2024) Skull evolution and lineage diversification in endemic Malagasy carnivorans. *Royal Society open science*, 11(10), 240538.

Tabin JA, et al. (2024) Evolutionary insights into Felidae iris color through ancestral state reconstruction. *iScience*, 27(10), 110903.

Liu GM, et al. (2023) Improved mammalian family phylogeny using gap-rare multiple sequence alignment: A timetree of extant placentals and marsupials. *Zoological research*, 44(6), 1064.

Guo WJ, et al. (2023) Unraveling the macroevolution of horseshoe bats (Chiroptera: Rhinolophidae: Rhinolophus). *Zoological research*, 44(1), 169.

Blaimer BB, et al. (2023) Key innovations and the diversification of Hymenoptera. *Nature communications*, 14(1), 1212.

Dimitrov D, et al. (2023) Diversification of flowering plants in space and time. *Nature communications*, 14(1), 7609.

Xiao TW, et al. (2022) Plastid phylogenomics of tribe Perseeae (Lauraceae) yields insights into the evolution of East Asian subtropical evergreen broad-leaved forests. *BMC plant biology*, 22(1), 32.