Package 'PhyloProfileData'

November 10, 2026

Type Package

Version 1.26.1

Date 2025-09-14

Title Data package for phylogenetic profile analysis using PhyloProfile tool

Description Two experimental datasets to illustrate running and analysing phylogenetic profiles with PhyloProfile package.

URL https://github.com/BIONF/PhyloProfileData

BugReports https://github.com/trvinh/PhyloProfileData/issues

License MIT + file LICENSE

Depends R (>= 4.5.0)

Encoding UTF-8

biocViews ExperimentData, ReproducibleResearch, ExperimentHub

Imports ExperimentHub, Biostrings, BiocStyle

Suggests knitr, rmarkdown

VignetteBuilder knitr

LazyData false

NeedsCompilation yes

Config/roxygen2/version 8.1.0

git_url https://git.bioconductor.org/packages/PhyloProfileData

git_branch RELEASE_3_23

git_last_commit cd383e1

git_last_commit_date 2026-09-14

Repository Bioconductor 3.23

Date/Publication 2026-11-10

Author Vinh Tran [aut, cre] (ORCID: <https://orcid.org/0000-0001-6772-7595>),
Ingo Ebersberger [aut],
Hannah Mülbaier [ctb],
Arpit Jain [ctb]

Maintainer Vinh Tran <v.tran@ub.uni-frankfurt.de>

Contents

PhyloProfileData 2

Index **3**

`PhyloProfileData` *Data package for phylogenetic profile analysis using PhyloProfile tool*

Description

The PhyloProfileData package provides a collection of datasets to accompany the R package PhyloProfile, where they are used to illustrate how to run PhyloProfile and analyse its results. Briefly, it contains the phylogenetic profiles, the fasta sequences and the domain annotations for two experimental data sets, including human AMPK-TOR pathway proteins and BUSCO Arthropoda proteins.

Details

More details of the datas can be found in the vignette "PhyloProfileData" using browseVignettes("PhyloProfileData").

Author(s)

Maintainer: Vinh Tran <v.tran@ub.uni-frankfurt.de> (ORCID)

Authors:

- Vinh Tran <v.tran@ub.uni-frankfurt.de> (ORCID)
- Ingo Ebersberger <ebersberger@bio.uni-frankfurt.de>

Other contributors:

- Hannah Mülbaier <hannah.muelbaier@gmail.com> [contributor]
- Arpit Jain <arpitrb@gmail.com> [contributor]

See Also

Useful links:

- https://github.com/BIONF/PhyloProfileData
- Report bugs at https://github.com/trvinh/PhyloProfileData/issues

Index

PhyloProfileData, 2
PhyloProfileData-package
        *(*PhyloProfileData*)*, 2