

# Package ‘PhyloProfileData’

July 3, 2025

**Type** Package

**Version** 1.23.3

**Date** 2025-06-25

**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

**RoxygenNote** 7.3.2

**git\_url** <https://git.bioconductor.org/packages/PhyloProfileData>

**git\_branch** devel

**git\_last\_commit** d1bac38

**git\_last\_commit\_date** 2025-06-25

**Repository** Bioconductor 3.22

**Date/Publication** 2025-07-03

**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 <[tran@bio.uni-frankfurt.de](mailto:tran@bio.uni-frankfurt.de)>

## Contents

|                            |          |
|----------------------------|----------|
| PhyloProfileData . . . . . | 2        |
| <b>Index</b>               | <b>3</b> |

---

|                  |                                                                               |
|------------------|-------------------------------------------------------------------------------|
| PhyloProfileData | <i>Data package for phylogenetic profile analysis using PhyloProfile tool</i> |
|------------------|-------------------------------------------------------------------------------|

---

## 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 <tran@bio.uni-frankfurt.de> ([ORCID](#))

Authors:

- 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](#)