

Package ‘Prostar’

May 26, 2026

Type Package

Title Provides a GUI for DAPAR

Version 1.45.0

Date 2026-04-14

Description This package provides a GUI interface for the DAPAR package. The package Prostar (Proteomics statistical analysis with R) is a Bioconductor distributed R package which provides all the necessary functions to analyze quantitative data from label-free proteomics experiments. Contrarily to most other similar R packages, it is endowed with rich and user-friendly graphical interfaces, so that no programming skill is required.

biocViews Proteomics, MassSpectrometry, Normalization, Preprocessing, Software, GUI

License Artistic-2.0

Depends R (>= 4.5.0)

Suggests BiocStyle, BiocManager, testthat, knitr

Imports DAPAR (>= 1.35.1), DAPARdata (>= 1.30.0), rhandsontable, data.table, shiny, shinyBS, shinyAce, plotly, htmlwidgets, webshot, shinythemes, later, shinycssloaders, future, promises, shinyjs, tibble, ggplot2, gplots, shinyjs, vioplot, Biobase, DT, R.utils, RColorBrewer, XML, colourpicker, gtools, markdown, rclipboard, sass, shinyTree, shinyWidgets

NeedsCompilation no

RoxygenNote 7.3.3

Encoding UTF-8

URL <http://www.prostar-proteomics.org/>

BugReports <https://github.com/edyp-lab/Prostar/issues>

VignetteBuilder knitr

git_url <https://git.bioconductor.org/packages/Prostar>

git_branch devel

git_last_commit 6e318d2

git_last_commit_date 2026-04-28

Repository Bioconductor 3.24

Date/Publication 2026-05-25

Author Thomas Burger [aut],
Florence Combes [aut],
Samuel Wieczorek [cre, aut],
Manon Gaudin [ctb]

Maintainer Samuel Wieczorek <samuel.wieczorek@cea.fr>

Contents

BuildColorStyles	2
getDataForExprs	3
Prostar	3

Index	4
--------------	----------

BuildColorStyles	xxx
------------------	-----

Description

xxxx

Usage

BuildColorStyles(obj)

Arguments

obj xx

Value

xxx

Examples

NULL

getDataForExprs	xxxx
-----------------	------

Description

xxxx

Usage

getDataForExprs(obj, digits = NULL)

Arguments

obj	xx
digits	xxx

Value

xxx

Examples

NULL

Prostar	<i>Prostar</i>
---------	----------------

Description

Prostar

Usage

Prostar()

Value

A new window in the default internet browser

Author(s)

Samuel Wieczorek

Examples

NULL

Index

BuildColorStyles, [2](#)

getDataForExprs, [3](#)

Prostar, [3](#)