

# Package ‘Prostar’

May 9, 2024

**Type** Package

**Title** Provides a GUI for DAPAR

**Version** 1.36.0

**Date** 2024-01-17

**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 (>= 4.4.0)

**Suggests** BiocStyle, BiocManager, testthat, knitr

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

**NeedsCompilation** no

**RoxygenNote** 7.2.3

**Encoding** UTF-8

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

**BugReports** <https://github.com/prostarproteomics/Prostar/issues>

**VignetteBuilder** knitr

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

**git\_branch** RELEASE\_3\_19

**git\_last\_commit** 2cd076b**git\_last\_commit\_date** 2024-04-30**Repository** Bioconductor 3.19**Date/Publication** 2024-05-08**Author** Thomas Burger [aut],  
Florence Combes [aut],  
Samuel Wieczorek [cre, aut]**Maintainer** Samuel Wieczorek <samuel.wieczorek@cea.fr>

## Contents

BuildColorStyles . . . . .	2
getDataForExprs . . . . .	2
Prostar . . . . .	3

<b>Index</b>	<b>4</b>
--------------	----------

---

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

---

### Description

xxx

### Usage

BuildColorStyles(obj)

### Arguments

obj            xx

---

getDataForExprs	xxx
-----------------	-----

---

### Description

xxx

### Usage

getDataForExprs(obj, digits = NULL)

### Arguments

obj            xx  
digits        xxx

---

Prostar

*Prostar*

---

**Description**

Prostar

**Usage**

Prostar()

**Value**

A new window in the default internet browser

**Author(s)**

Samuel Wieczorek

**Examples**

```
if (interactive()) {  
    Prostar()  
}
```

# Index

BuildColorStyles, [2](#)

getDataForExprs, [2](#)

Prostar, [3](#)