

Package: PTMsToPathwaysData (via r-universe)

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Type Package

Title ExperimentHub Data for PTMsToPathways

Version 0.99.4

Description Companion data package for PTMsToPathways that registers large post-translational modification data resources and intermediate processed data for vignettes in ExperimentHub.

License GPL (>= 3)

Encoding UTF-8

LazyData false

Depends R (>= 4.5.0), ExperimentHub

Suggests knitr, rmarkdown

VignetteBuilder knitr

biocViews ExperimentHub, CancerData, MassSpectrometryData

Roxygen list(markdown = TRUE)

RoxygenNote 8.0.0

URL <https://github.com/UM-Applied-Algorithms-Lab/PTMsToPathwaysData>

BugReports <https://github.com/UM-Applied-Algorithms-Lab/PTMsToPathwaysData/issues>

Config/pak/sysreqs libicu-dev libpng-dev libssl-dev zlib1g-dev

Repository <https://biocstaging.r-universe.dev>

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PTMsToPathwaysData-package

PTMsToPathwaysData: ExperimentHub Data for PTMsToPathways

Description

Companion ExperimentHub data package for PTMsToPathways. It provides raw, intermediate, and derived data resources used in the PTMsToPathways vignettes and examples.

Details

Available data resources include:

Getting started vignette:

- AlldataPTMs.txt and ex_full_ptm_table.rda

Raw data processing vignette:

- phospho_cleaned_mapped.txt and newphos.rda

Cytoscape graphing vignette:

- FunctionKey.txt and function_key.rda

BRCA Networks vignette:

- bioplanet_pathway_June2025.csv and bioplanet_pathways.rda
- PhosphoDiscoData_mmc9.txt
- brca_clusterlist_data.rda
- brca_CCCN_data.rda
- BRCA_stringdb.edges.rda
- BRCA_genemania.edges.rda
- BRCA_PCN.data.rda

Use `PTMsToPathwaysData()` to query the ExperimentHub records registered by this package.

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See Also

Useful links:

- <https://github.com/UM-Applied-Algorithms-Lab/PTMsToPathwaysData>
- Report bugs at <https://github.com/UM-Applied-Algorithms-Lab/PTMsToPathwaysData/issues>

Examples

```
eh <- ExperimentHub::ExperimentHub()  
query(eh, "PTMsToPathwaysData")
```

PTMsToPathwaysData	<i>Query PTMsToPathways Data Resources in ExperimentHub</i>
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Description

Returns ExperimentHub records tagged for PTMsToPathways BRCA data.

Usage

```
PTMsToPathwaysData()
```

Value

A subsetting ExperimentHub object.

Examples

```
ptm_data <- PTMsToPathwaysData()  
ptm_data
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