Package ‘multiWGCNAdata’

July 25, 2024

Type Package

Title Data Package for multiWGCNA

Version 1.2.0

biocViews ExperimentHub, ExpressionData, Homo_sapiens_Data, Mus_musculus_Data, RNASeqData, MicroarrayData

Description Stores expression profiling data from experiments compatible with the multiWGCNA R package. This includes human postmortem microarray data from patients and controls (GSE28521), astrocyte Ribotag RNA-seq data from EAE and wildtype mice (GSE100329), and mouse RNA-seq data from tau pathology (rTg4510) and wildtype control mice (GSE125957). These data can be accessed using the ExperimentHub workflow (see multiWGCNA vignettes).

License Artistic-2.0

VignetteBuilder knitr

Encoding UTF-8

LazyData false

Depends ExperimentHub

Imports utils

Suggests BiocStyle, knitr, multiWGCNA, rmarkdown, SummarizedExperiment

RoxygenNote 7.2.3

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

git_branch RELEASE_3_19

git_last_commit ac8b937

git_last_commit_date 2024-04-30

Repository Bioconductor 3.19

Date/Publication 2024-07-25

Author Dario Tommasini [aut, cre] (<https://orcid.org/0000-0002-1214-6547>)

Maintainer Dario Tommasini <dtommasini@gmail.com>
multiWGCNAdata-package

Description
Stores expression profiling data from experiments compatible with the multiWGCNA R package. This includes human postmortem microarray data from patients and controls (GSE28521), astrocyte Ribotag RNA-seq data from EAE and wildtype mice (GSE100329), and mouse RNA-seq data from tau pathology (rTg4510) and wildtype control mice (GSE125957). These data have been parsed into list objects and are available in the ExperimentHub.

Details
See the vignette for examples of using these data in analyses.
browseVignettes("multiWGCNAdata")
Details of how these data were created are in the scripts/ directory of the source package.

Value
NA

Examples
library(ExperimentHub)
eh = ExperimentHub()
eh_query = query(eh, c("multiWGCNAdata"))
astrocyte_se = eh_query[["EH8223"]]
astrocyte_se
Index

* utilities
  multiWGCNAdataset-package. 2

multiWGCNAdataset
  (multiWGCNAdataset-package). 2
multiWGCNAdataset-package. 2