

# Package ‘multiWGCNadata’

November 14, 2024

**Type** Package

**Title** Data Package for multiWGCNA

**Version** 1.4.0

**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\_20

**git\_last\_commit** 487ae07

**git\_last\_commit\_date** 2024-10-29

**Repository** Bioconductor 3.20

**Date/Publication** 2024-11-14

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

**Maintainer** Dario Tommasini <dtommasini@gmail.com>

## Contents

multiWGCNadata-package . . . . .	2
<b>Index</b>	<b>3</b>

multiWGCNAdata-package

*multiWGCNAdata available as R objects*

---

### **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**

multiWGCNAdata-package, [2](#)

multiWGCNAdata

(multiWGCNAdata-package), [2](#)

multiWGCNAdata-package, [2](#)