

Package ‘shinyMethylData’

October 12, 2023

Version 1.20.0

Title Example dataset of input data for shinyMethyl

Description Extracted data from 369 TCGA Head and Neck Cancer DNA methylation samples. The extracted data serve as an example dataset for the package shinyMethyl. Original samples are from 450k methylation arrays, and were obtained from The Cancer Genome Atlas (TCGA). 310 samples are from tumor, 50 are matched normals and 9 are technical replicates of a control cell line.

Maintainer Jean-Philippe Fortin <jfortin@jhsph.edu>

License Artistic-2.0

Depends R (>= 3.0.0)

LazyData yes

biocViews Genome, CancerData

Url <https://github.com/Jfortin1/shinyMethylData>

Author Jean-Philippe Fortin [cre, aut], Kasper Daniel Hansen [aut]

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

git_branch RELEASE_3_17

git_last_commit 9019aa9

git_last_commit_date 2023-04-25

Date/Publication 2023-10-12

R topics documented:

summary.tcga.norm	2
summary.tcga.raw	2

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

`summary.tcga.norm`*Example dataset of input data for shinyMethyl*

Description

Extracted data from 369 TCGA Head and Neck Cancer DNA methylation samples. The extracted data serve as an example dataset for the package shinyMethyl. Original samples are from 450k methylation arrays, and were obtained from The Cancer Genome Atlas (TCGA). 310 samples are from tumor, 50 are matched normals and 9 are technical replicates of a control cell line.

Usage

```
data(summary.tcga.norm)
```

Format

A list containing the necessary information to launch a shinyMethyl session. See the links below for more details on the data.

References

The Cancer Genome Atlas (TCGA) Head and Neck Cancer dataset: <http://cancergenome.nih.gov/cancersselected/headandne>

See Also

These data objects were created by See [shinySummarize](#) for details on how to perform the data extraction. See [runShinyMethyl](#) for how to launch a shinyMethyl session.

Examples

```
data(summary.tcga.norm)
## Not run:
runShinyMethyl(summary.tcga.norm)

## End(Not run)
```

`summary.tcga.raw`*Example dataset of input data for shinyMethyl*

Description

Extracted data from 369 TCGA Head and Neck Cancer DNA methylation samples. The extracted data serve as an example dataset for the package shinyMethyl. Original samples are from 450k methylation arrays, and were obtained from The Cancer Genome Atlas (TCGA). 310 samples are from tumor, 50 are matched normals and 9 are technical replicates of a control cell line.

Usage

```
data(summary.tcga.raw)
```

Format

A list containing the necessary information to launch a shinyMethyl session. See the links below for more details on the data.

References

The Cancer Genome Atlas (TCGA) Head and Neck Cancer dataset: <http://cancergenome.nih.gov/cancersselected/headandne>

See Also

See [shinySummarize](#) for details on how to perform the data extraction. See [runShinyMethyl](#) for how to launch a shinyMethyl session.

Examples

```
data(summary.tcga.raw)
## Not run:
runShinyMethyl(summary.tcga.raw)

## End(Not run)
```

Index

* datasets

summary.tcga.norm, [2](#)

summary.tcga.raw, [2](#)

runShinyMethyl, [2](#), [3](#)

shinySummarize, [2](#), [3](#)

summary.tcga.norm, [2](#)

summary.tcga.raw, [2](#)