

Package ‘beadarrayExampleData’

March 28, 2024

Title Example data for the beadarray package

Version 1.40.0

Date 2013-11-04

Author Mark Dunning

Maintainer Mark Dunning <Mark.Dunning@cancer.org.uk>

Description

An small dataset that can be used to run examples from the beadarray vignette and examples

Depends R (>= 2.13.0), Biobase (>= 2.5.5), methods, beadarray (>= 2.0.0)

License GPL-2

biocViews ExperimentData, Homo_sapiens_Data, MicroarrayData

Namespace auto

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

git_branch RELEASE_3_18

git_last_commit b19df3c

git_last_commit_date 2023-10-24

Repository Bioconductor 3.18

Date/Publication 2024-03-28

R topics documented:

exampleBLData	2
exampleSummaryData	2

Index	3
--------------	----------

`exampleBLData`*beadLevelData object from an example experiment*

Description

The data in this package are a subset of the MAQC bead-level data available in the beadarrayUseCases package. Bead-level refers to the availability of intensity and location information for each bead on each BeadArray in an experiment. In this dataset, BeadArrays were hybridized with either Universal Human Reference RNA (UHRR, Stratagene) or Brain Reference RNA (Ambion) as used in the MAQC project. This object is a representation of the bead-level data for 2 arrays and was created by the beadarray package.

Usage

```
data(exampleBLdata)
```

See Also

[beadLevelData](#)

`exampleSummaryData`*ExpressionSetIllumina object for the example experiment*

Description

`exampleSummaryData` is an object of class `ExpressionSetIllumina` which is a summarized version of the bead-level data distributed with the `BeadArrayUseCases` package. There are 12 MAQC samples in the object which are either Brain or UHRR. Unlogged and `log2` versions of the data are provided. See the vignette for `beadarrayExampleData` for details of how these data were created.

Usage

```
data(exampleSummaryData)
```

Index

* **datasets**

exampleBLData, [2](#)

exampleSummaryData, [2](#)

beadLevelData, [2](#)

exampleBLData, [2](#)

exampleSummaryData, [2](#)