Package ‘PREDAsampledata’

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Title expression and copy number data on clear cell renal carcinoma samples

Version 0.14.0

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Description Sample data for PREDA package. (annotations objects synchronized with GeneAnnot custom CDFs version 2.2.0)

Depends R (>= 2.9.0), methods, PREDA, Biobase, affy, annotate, gahgu133plus2.db, gahgu133plus2cdf

Suggests hgu133plus2.db, hgu133plus2cdf

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biocViews ExperimentData, Tissue, CancerData, KidneyCancerData, MicroarrayData, TissueMicroarrayData, ArrayExpress

NeedsCompilation no

R topics documented:

AffybatchRCC .......................................................... 1
ExpressionSetRCC ......................................................... 2
gaExpressionSetRCC ..................................................... 3
GEanalysisResults ......................................................... 4
SODEGIRCNanalysisResults ............................................. 4
SODEGIRCNDataForPREDA ............................................... 5
SODEGIRGEanalysisResults ............................................ 6
SODEGIRGEDataForPREDA ................................................ 6

Index 8

AffybatchRCC AffyBatch object for clear cell renal carcinoma (RCC) sample dataset

Description

An AffyBatch object containint raw data from clear cell renal carcinoma (RCC) dataset CEL files
ExpressionSetRCC

Usage

data(AffybatchRCC)

Details

The sample gene expression dataset includes 12 samples of clear cell renal carcinoma and 11 samples from normal kidney tissue.

Source

ArrayExpress dataset E-TABM-282

References


Examples

data(AffybatchRCC)
AffybatchRCC

ExpressionSetRCC

ExpressionSet object for clear cell renal carcinoma (RCC) sample dataset

Description

An ExpressionSet object containint justRMA preprocessed data for clear cell renal carcinoma (RCC) dataset, using standard Affymetrix CDF

Usage

data(ExpressionSetRCC)

Details

The sample gene expression dataset includes 12 samples of clear cell renal carcinoma and 11 samples from normal kidney tissue.

Source

ArrayExpress dataset E-TABM-282

References

Examples

data(ExpressionSetRCC)
ExpressionSetRCC

data(gaExpressionSetRCC)
gaExpressionSetRCC

Description

An ExpressionSet object containing justRMA preprocessed data for clear cell renal carcinoma (RCC) dataset, using GeneAnnot based custom CDF (gahgu133plus2cdf).

Usage

data(ExpressionSetRCC)

Details

The sample gene expression dataset includes 12 samples of clear cell renal carcinoma and 11 samples from normal kidney tissue.

Source

ArrayExpress dataset E-TABM-282

References


Examples

data(gaExpressionSetRCC)
gaExpressionSetRCC
**SODEGIRCNanalysisResults**

**GEanalysisResults**

**RCC gene expression sample dataset - PREDA analysis results**

**Description**

PREDA analysis results of RCC gene expression sample dataset. The PREDA analysis was focused on the detection of differentially expressed genomic regions in tumor samples compared to normal kidney cells.

**Usage**

```r
data(GEanalysisResults)
```

**Source**

ArrayExpress dataset E-TABM-282

**References**

http://www.xlab.unimo.it/PREDA

**Examples**

```r
data(GEanalysisResults)
str(GEanalysisResults)
```

---

**SODEGIRCNanalysisResults**

**SODEGIR analysis results on Copy Number data**

**Description**

PREDAResults object containing SODEGIR analysis results on Copy Number data

**Usage**

```r
data(SODEGIRCNanalysisResults)
```

**Details**

See also vignette from PREDA package

**Source**

Copy number data data were obtained from ArrayExpress datasets E-TABM-283/E-TABM-284
References

http://www.xlab.unimo.it/PREDA http://www.xlab.unimo.it/SODEGIR


Examples

data(SODEGIRCNanalysisResults)
str(SODEGIRCNanalysisResults)

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SODEGIRCNDataForPREDA  Copy Number input data for PREDA analysis

Description

DataForPREDA object containing Copy Number input data for PREDA analysis

Usage

data(SODEGIRCNDataForPREDA)

Details

See also vignette from PREDA package

Source

Copy number data data were obtained from ArrayExpress datasets E-TABM-283/E-TABM-284

References

http://www.xlab.unimo.it/PREDA http://www.xlab.unimo.it/SODEGIR


Examples

data(SODEGIRCNDataForPREDA)
str(SODEGIRCNDataForPREDA)
SODEGIRGEDataForPREDA

SODEGIRGEDataForPREDA

Description

SODEGIRGEDataForPREDA object containing Gene Expression input data for PREDA analysis

Usage

data(SODEGIRGEDataForPREDA)

Details

See also vignette from PREDA package

Source

ArrayExpress dataset E-TABM-282

References

http://www.xlab.unimo.it/PREDA http://www.xlab.unimo.it/SODEGIR


Examples

data(SODEGIRGEDataForPREDA)
str(SODEGIRGEDataForPREDA)

SODEGIRGEDataForPREDA

DataForPREDA object containing Gene Expression input data for PREDA analysis

Usage

data(SODEGIRGEDataForPREDA)

Details

See also vignette from PREDA package

Source

ArrayExpress dataset E-TABM-282
References

http://www.xlab.unimo.it/PREDA http://www.xlab.unimo.it/SODEGIR


Examples

data(SODEGIRGEDataForPREDA)
str(SODEGIRGEDataForPREDA)
Index

*Topic datasets
  AffybatchRCC, 1
  ExpressionSetRCC, 2
  gaExpressionSetRCC, 3
  GEanalysisResults, 4
  SODEGIRCNanalysisResults, 4
  SODEGIRCNDataForPREDA, 5
  SODEGIRGEnalysisResults, 6
  SODEGIRGEDataForPREDA, 6

AffybatchRCC, 1

ExpressionSetRCC, 2

gaExpressionSetRCC, 3
GEanalysisResults, 4

SODEGIRCNanalysisResults, 4
SODEGIRCNDataForPREDA, 5
SODEGIRGEnalysisResults, 6
SODEGIRGEDataForPREDA, 6