Package ‘PREDAsampledata’

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

Version 0.16.0

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

Depends R (>= 2.10.0), methods, PREDA, Biobase, affy, annotate

Suggests hgu133plus2.db, hgu133plus2cdf

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

NeedsCompilation no

R topics documented:

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<th>AffybatchRCC</th>
<th>AffyBatch object for clear cell renal carcinoma (RCC) sample dataset</th>
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Description

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

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

Description

An ExpressionSet object containing 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

GEanalysisResults

Examples

```r
data(ExpressionSetRCC)
ExpressionSetRCC
```

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
SODEGIRCNDataForPREDA

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

Examples

data(SODEGIRCNanalysisResults)
str(SODEGIRCNanalysisResults)

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)
SODEGIRGEanalysisResults

SODEGIR analysis results on Gene Expression data

Description

PREDADataAndResults object containing SODEGIR analysis results on Gene Expression data

Usage

data(SODEGIRGEanalysisResults)

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(SODEGIRGEanalysisResults)
str(SODEGIRGEanalysisResults)

SODEGIRGEDataForPREDA Gene Expression input data for PREDA analysis

Description

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/P REDA http://www.xlab.unimo.it/SODEGIR


Examples

data(SODEGIRGEDataForPREDA)
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