Package ‘PREDAsampleddata’

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

Version 0.42.0

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Description Sample data for PREDA package. (annotations objects synchronized with GeneAn-
not 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

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**ExpressionSetRCC**

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

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

  **Usage**
  
  ```r
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**
  
  ```r
data(AffybatchRCC)
AffybatchRCC
```

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

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

  **Usage**
  
  ```r
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

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<th>GEanalysisResults</th>
<th>RCC gene expression sample dataset - PREDA analysis results</th>
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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

data(GEanalysisResults)

Source

ArrayExpress dataset E-TABM-282

References

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

Examples

data(GEanalysisResults)
str(GEanalysisResults)
SODEGIRCNDataForPREDA

SODEGIR analysis results on Copy Number data

Description

PREDAResults object containing SODEGIR analysis results on Copy Number data

Usage

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)

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)

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SODEGIRGEanalysisResults

\textit{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  

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


Examples
data(SODEGIRGEDataForPREDA)
str(SODEGIRGEDataForPREDA)
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