Package ‘RnaSeqSampleSizeData’

March 28, 2024

Type Package
Title RnaSeqSampleSizeData
Version 1.34.0
Date 2014-12-03
Author Shilin Zhao, Chung-I Li, Yan Guo, Quanhu Sheng, Yu Shyr
Maintainer Shilin Zhao <zhaoshilin@gmail.com>
Description RnaSeqSampleSizeData package provides the read counts and
dispersion distribution from real RNA-seq experiments. It can
be used by RnaSeqSampleSize package to estimate sample size and
power for RNA-seq experiment design.
License GPL (>= 2)
LazyLoad yes
LazyData false
Depends edgeR, R (>= 2.10)
VignetteBuilder knitr
Suggests BiocStyle, knitr
biocViews ExperimentData, CancerData, RNASeqData
git_url https://git.bioconductor.org/packages/RnaSeqSampleSizeData
git_branch RELEASE_3_18
git_last_commit 18c0ea1
git_last_commit_date 2023-10-24
Repository Bioconductor 3.18
Date/Publication 2024-03-28

R topics documented:

TCGA_BLCA .................................................. 2
TCGA_BRCA .................................................. 2
TCGA_CESC .................................................. 3
TCGA_BKCA

TCGA_Coad .......................................................... 3
TCGA_HNSC .......................................................... 4
TCGA_KIRC .......................................................... 4
TCGA_LGG .......................................................... 5
TCGA_LUAD .......................................................... 5
TCGA_LUSC .......................................................... 6
TCGA_PRAD .......................................................... 6
TCGA_READ .......................................................... 7
TCGA_THCA .......................................................... 7
TCGA_UCEC .......................................................... 8

Index

TCGA_BLCA Read counts and dispersion distribution for genes in TCGA BLCA data.

Description
Read counts and dispersion distribution for genes in TCGA BLCA data.

Usage
TCGA_BLCA

Value
A class 'DGEList' from edgeR package.

Source
https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/blca/cgcc/unc.edu/illuminaHiSeq_rnaseqV2/rnaseqV2/unc.edu_BLCA.IlluminaHiSeq_RNASeqV2_Level_3.1.17.0/

TCGA_BRCA Read counts and dispersion distribution for genes in TCGA BRCA data.

Description
Read counts and dispersion distribution for genes in TCGA BRCA data.

Usage
TCGA_BRCA
TCGA_CESC

Value

A class 'DGEList' from edgeR package.

Source


TCGA_CESC

Read counts and dispersion distribution for genes in TCGA CESC data.

Description

Read counts and dispersion distribution for genes in TCGA CESC data.

Usage

TCGA_CESC

Value

A class 'DGEList' from edgeR package.

Source


TCGA_COAD

Read counts and dispersion distribution for genes in TCGA COAD data.

Description

Read counts and dispersion distribution for genes in TCGA COAD data.

Usage

TCGA_COAD

Value

A class 'DGEList' from edgeR package.
Source


---

TCGA_HNSC

Read counts and dispersion distribution for genes in TCGA HNSC data.

Description

Read counts and dispersion distribution for genes in TCGA HNSC data.

Usage

TCGA_HNSC

Value

A class 'DGEList' from edgeR package.

Source

https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/hnsc/cgcc/unc.edu/illuminahiseq_rnaseqv2/rnaseqv2/unc.edu_HNSC.IlluminaHiSeq_RNASeqV2.Level_3.1.7.0/

---

TCGA_KIRC

Read counts and dispersion distribution for genes in TCGA KIRC data.

Description

Read counts and dispersion distribution for genes in TCGA KIRC data.

Usage

TCGA_KIRC

Value

A class 'DGEList' from edgeR package.

Source

https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/kirc/cgcc/unc.edu/illuminahiseq_rnaseqv2/rnaseqv2/unc.edu_KIRC.IlluminaHiSeq_RNASeqV2.Level_3.1.5.0/
TCGA_LGG

Read counts and dispersion distribution for genes in TCGA LGG data.

Description
Read counts and dispersion distribution for genes in TCGA LGG data.

Usage
TCGA_LGG

Value
A class 'DGEList' from edgeR package.

Source

TCGA_LUAD

Read counts and dispersion distribution for genes in TCGA LUAD data.

Description
Read counts and dispersion distribution for genes in TCGA LUAD data.

Usage
TCGA_LUAD

Value
A class 'DGEList' from edgeR package.

Source
TCGA_LUSC

<table>
<thead>
<tr>
<th>Description</th>
<th>Read counts and dispersion distribution for genes in TCGA LUSC data.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Usage</td>
<td>TCGA_LUSC</td>
</tr>
<tr>
<td>Value</td>
<td>A class 'DGEList' from edgeR package.</td>
</tr>
</tbody>
</table>

---

TCGA_PRAD

<table>
<thead>
<tr>
<th>Description</th>
<th>Read counts and dispersion distribution for genes in TCGA PRAD data.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Usage</td>
<td>TCGA_PRAD</td>
</tr>
<tr>
<td>Value</td>
<td>A class 'DGEList' from edgeR package.</td>
</tr>
</tbody>
</table>
TCGA_READ

Read counts and dispersion distribution for genes in TCGA READ data.

Description
Read counts and dispersion distribution for genes in TCGA READ data.

Usage
TCGA_READ

Value
A class 'DGEList' from edgeR package.

Source

TCGA_THCA

Read counts and dispersion distribution for genes in TCGA THCA data.

Description
Read counts and dispersion distribution for genes in TCGA THCA data.

Usage
TCGA_THCA

Value
A class 'DGEList' from edgeR package.

Source
Description

Read counts and dispersion distribution for genes in TCGA UCEC data.

Usage

TCGA_UCEC

Value

A class 'DGEList' from edgeR package.

Source

https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/ucec/cgcc/unc.edu/illuminahiseq_rnaseqv2/rnaseqv2/unc.edu_UCEC.IlluminaHiSeq_RNASeqV2.Level_3.1.10.0/
Index

TCGA_BLCA, 2
TCGA_BRCA, 2
TCGA_CESC, 3
TCGA_COAD, 3
TCGA_HNSC, 4
TCGA_KIRC, 4
TCGA_LGG, 5
TCGA_LUAD, 5
TCGA_LUSC, 6
TCGA_PRAD, 6
TCGA_READ, 7
TCGA_THCA, 7
TCGA_UCEC, 8