Package 'RTCGA.rnaseq'

November 10, 2026

Title Rna-seq datasets from The Cancer Genome Atlas Project

Version 20151101.42.0

Date 2016-04-26

Author Marcin Kosinski <m.p.kosinski@gmail.com>

Maintainer Marcin Kosinski <m.p.kosinski@gmail.com>

Description Package provides rna-seq datasets from The Cancer Genome Atlas Project for all cohorts types from http://gdac.broadinstitute.org/. Rna-seq data format is explained here https://wiki.nci.nih.gov/display/TCGA/RNASeq+Version+2. Data source is illumina hiseq Level 3 RSEM normalized expression data. Data from 2015-11-01 snapshot.

License GPL-2

LazyData TRUE

BugReports https://github.com/RTCGA/RTCGA/issues

Depends R (>= 3.2.0), RTCGA

Suggests knitr, rmarkdown

biocViews Annotation Data

VignetteBuilder knitr

NeedsCompilation no

RoxygenNote 7.1.1

git_url https://git.bioconductor.org/packages/RTCGA.rnaseq

git_branch RELEASE_3_23

git_last_commit b660b0a

git_last_commit_date 2026-04-28

Repository Bioconductor 3.23

Date/Publication 2026-11-10

Contents

rnaseq 2

Index **5**

`rnaseq` *rnaseq datasets from TCGA project*

Description

rnaseq data format is explained here https://wiki.nci.nih.gov/display/TCGA/RNASeq+Version+2. Package provides rnaseq datasets from The Cancer Genome Atlas Project for all cohorts types from http://gdac.broadinstitute.org/. Data were downloaded using RTCGA-package and contain snapshots for the date: `2015-11-01`. The process is described here: http://rtcga.github.io/RTCGA/. Use cases, examples and information about datasets in **RTCGA** family can be found here: `browseVignettes("RTCGA")`. Data source is illumina hiseq Level 3 RSEM normalized expression data. Converting **RTCGA.rnaseq** to Bioconductor datasets' format is explained here convertTCGA.

Usage

```
ACC.rnaseq

BLCA.rnaseq

BRCA.rnaseq

CESC.rnaseq

CHOL.rnaseq

COAD.rnaseq

COADREAD.rnaseq

DLBC.rnaseq

ESCA.rnaseq

GBMLGG.rnaseq

GBM.rnaseq

HNSC.rnaseq

KICH.rnaseq
```

KIPAN.rnaseq

KIRC.rnaseq

KIRP.rnaseq

LAML.rnaseq

LGG.rnaseq

LIHC.rnaseq

LUAD.rnaseq

LUSC.rnaseq

OV.rnaseq

PAAD.rnaseq

PCPG.rnaseq

PRAD.rnaseq

READ.rnaseq

SARC.rnaseq

SKCM.rnaseq

STAD.rnaseq

STES.rnaseq

TGCT.rnaseq

THCA.rnaseq

THYM.rnaseq

UCEC.rnaseq

UCS.rnaseq

UVM.rnaseq

Details

browseVignettes("RTCGA")

Value

Data frames with rnaseq data.

Source

http://gdac.broadinstitute.org/

Index

∗ **datasets**
rnaseq, 2

ACC.rnaseq *(*rnaseq*)*, 2
ACC.rnaseq,BLCA.rnaseq,BRCA.rnaseq,CESC.rnaseq,CHOL.rnaseq,COAD.rnaseq,COADREAD.rnaseq,DLBC.rnaseq,ESCA
*(*rnaseq*)*, 2

BLCA.rnaseq *(*rnaseq*)*, 2
BRCA.rnaseq *(*rnaseq*)*, 2

CESC.rnaseq *(*rnaseq*)*, 2
CHOL.rnaseq *(*rnaseq*)*, 2
COAD.rnaseq *(*rnaseq*)*, 2
COADREAD.rnaseq *(*rnaseq*)*, 2
convertTCGA, 2

DLBC.rnaseq *(*rnaseq*)*, 2

ESCA.rnaseq *(*rnaseq*)*, 2

GBM.rnaseq *(*rnaseq*)*, 2
GBM.rnaseq,HNSC.rnaseq,KICH.rnaseq,KIPAN.rnaseq,KIRC.rnaseq,KIRP.rnaseq,LAML.rnaseq,LGG.rnaseq,LIHC.rna
*(*rnaseq*)*, 2
GBMLGG.rnaseq *(*rnaseq*)*, 2

HNSC.rnaseq *(*rnaseq*)*, 2

KICH.rnaseq *(*rnaseq*)*, 2
KIPAN.rnaseq *(*rnaseq*)*, 2
KIRC.rnaseq *(*rnaseq*)*, 2
KIRP.rnaseq *(*rnaseq*)*, 2

LAML.rnaseq *(*rnaseq*)*, 2
LGG.rnaseq *(*rnaseq*)*, 2
LIHC.rnaseq *(*rnaseq*)*, 2
LUAD.rnaseq *(*rnaseq*)*, 2
LUSC.rnaseq *(*rnaseq*)*, 2

OV.rnaseq *(*rnaseq*)*, 2

PAAD.rnaseq *(*rnaseq*)*, 2
PCPG.rnaseq *(*rnaseq*)*, 2
PRAD.rnaseq *(*rnaseq*)*, 2

READ.rnaseq *(*rnaseq*)*, 2
rnaseq, 2
READ.rnaseq, 2

SARC.rnaseq *(*rnaseq*)*, 2
SKCM.rnaseq *(*rnaseq*)*, 2
STAD.rnaseq *(*rnaseq*)*, 2
STES.rnaseq *(*rnaseq*)*, 2

TGCT.rnaseq *(*rnaseq*)*, 2
THCA.rnaseq *(*rnaseq*)*, 2
THYM.rnaseq *(*rnaseq*)*, 2

UCEC.rnaseq *(*rnaseq*)*, 2
UCS.rnaseq *(*rnaseq*)*, 2
UVM.rnaseq *(*rnaseq*)*, 2