

Package ‘RTCGA.rnaseq’

August 14, 2025

Title Rna-seq datasets from The Cancer Genome Atlas Project

Version 20151101.39.0

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 devel

git_last_commit be5cbe8

git_last_commit_date 2025-04-15

Repository Bioconductor 3.22

Date/Publication 2025-08-14

Contents

rnaseq	2
Index	4

`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,COADREAD.rnaseq,DLBC.rnaseq,
(rnaseq),
STES.rnaseq(rnaseq),

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.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](#)RTCGA-package, [2](#)

SARC.rnaseq (rnaseq), 2

SKCM.rnaseq (rnaseq), 2

esT.CHO.rnaseq, esT.HepG2.rnaseq, esT.LNCaP.rnaseq, esT.MCF7.rnaseq, esT.NHEK.rnaseq, esT.PANC06.rnaseq, esT.SAR.rnaseq, esT.U2OS.rnaseq, esT.XL.rnaseq, COADREAD.rnaseq, DLBC.rnaseq, E

```
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
```