

# Package ‘RTCGA.rnaseq’

July 15, 2025

**Title** Rna-seq datasets from The Cancer Genome Atlas Project

**Version** 20151101.38.0

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**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\_21

**git\_last\_commit** 0d4b3ee

**git\_last\_commit\_date** 2025-04-15

**Repository** Bioconductor 3.21

**Date/Publication** 2025-07-15

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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/>

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