Package 'RTCGA.CNV'

November 10, 2026

Type Package

Title CNV (Copy-number variation) datasets from The Cancer Genome Atlas Project

Version 1.40.0

Date 2015-12-14

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Description Package provides CNV (based on Merge snp) datasets from The Cancer Genome Atlas Project for all cohorts types from http://gdac.broadinstitute.org/. Data format is explained here https://wiki.nci.nih.gov/display/TCGA/Retrieving+Data+Using+the+Data+Matrix. Data from 2015-11-01 snapshot.

License GPL-2

LazyData TRUE

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

Depends R (>= 3.3.0), RTCGA

Suggests knitr, rmarkdown

biocViews AnnotationData

VignetteBuilder knitr

NeedsCompilation no

RoxygenNote 5.0.1

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

git_branch RELEASE_3_23

git_last_commit 1f968ff

git_last_commit_date 2026-04-28

Repository Bioconductor 3.23

Date/Publication 2026-11-10

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CNV *CNV datasets from TCGA project*

Description

Package provides CNV 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.data** family can be found here: `browseVignettes("RTCGA")` Data format is explained here https://wiki.nci.nih.gov/display/TCGA/Retrieving+Data+U Converting **RTCGA.CNV** datasets from `data.frames` to Bioconductor classes is explained here convertTCGA.

Usage

```
ACC.CNV

BLCA.CNV

BRCA.CNV

CESC.CNV

CHOL.CNV

COAD.CNV

COADREAD.CNV

DLBC.CNV

ESCA.CNV

GBM.CNV

GBMLGG.CNV

HNSC.CNV

KICH.CNV

KIPAN.CNV

KIRC.CNV

KIRP.CNV
```

LAML.CNV

LGG.CNV

LIHC.CNV

LUAD.CNV

LUSC.CNV

MESO.CNV

OV.CNV

PAAD.CNV

PCPG.CNV

PRAD.CNV

READ.CNV

SARC.CNV

SKCM.CNV

STAD.CNV

STES.CNV

TGCT.CNV

THCA.CNV

THYM.CNV

UCEC.CNV

UCS.CNV

UVM.CNV

Details

browseVignettes("RTCGA")

Value

Data frames with CNV data.

Source

http://gdac.broadinstitute.org/

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