

Package ‘RTCGA.CNV’

November 6, 2025

Type Package

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

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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 devel

git_last_commit d752a3d

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Contents

CNV	2
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Index5

CNV	CNV datasets from TCGA project
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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: <https://wiki.nci.nih.gov/display/TCGA/Retrieving+Data+U> 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/>

Index

* datasets

CNV, [2](#)

ACC.CNV (CNV), [2](#)

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, [2](#)

BLCA.CNV (CNV), [2](#)

BRCA.CNV (CNV), [2](#)

CESC.CNV (CNV), [2](#)

CHOL.CNV (CNV), [2](#)

CNV, [2](#)

COAD.CNV (CNV), [2](#)

COADREAD.CNV (CNV), [2](#)

convertTCGA, [2](#)

DLBC.CNV (CNV), [2](#)

ESCA.CNV (CNV), [2](#)

GBM.CNV (CNV), [2](#)

GBMLGG.CNV (CNV), [2](#)

HNSC.CNV (CNV), [2](#)

KICH.CNV (CNV), [2](#)

KIPAN.CNV (CNV), [2](#)

KIRC.CNV (CNV), [2](#)

KIRP.CNV (CNV), [2](#)

LAML.CNV (CNV), [2](#)

LGG.CNV (CNV), [2](#)

LIHC.CNV (CNV), [2](#)

LUAD.CNV (CNV), [2](#)

LUSC.CNV (CNV), [2](#)

MESO.CNV (CNV), [2](#)

OV.CNV (CNV), [2](#)

PAAD.CNV (CNV), [2](#)

PCPG.CNV (CNV), [2](#)

PRAD.CNV (CNV), [2](#)

READ.CNV (CNV), [2](#)

SARC.CNV (CNV), [2](#)

SKCM.CNV (CNV), [2](#)

STAD.CNV (CNV), [2](#)

STES.CNV (CNV), [2](#)

TGCT.CNV (CNV), [2](#)

THCA.CNV (CNV), [2](#)

THYM.CNV (CNV), [2](#)

UCEC.CNV (CNV), [2](#)

UCS.CNV (CNV), [2](#)

UVM.CNV (CNV), [2](#)