

# Package ‘RTCGA.mRNA’

April 1, 2025

**Type** Package

**Title** mRNA datasets from The Cancer Genome Atlas Project

**Version** 1.34.0

**Date** 2015-12-02

**Author** Witold Chodor <witoldchodor@gmail.com>

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

**Description** Package provides mRNA datasets from The Cancer Genome Atlas Project for all available cohorts types from <http://gdac.broadinstitute.org/>. Data format is explained here <https://wiki.nci.nih.gov/display/TCGA/Gene+expression+data> 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** 7.1.1

**git\_url** <https://git.bioconductor.org/packages/RTCGA.mRNA>

**git\_branch** RELEASE\_3\_20

**git\_last\_commit** a78dd07

**git\_last\_commit\_date** 2024-10-29

**Repository** Bioconductor 3.20

**Date/Publication** 2025-04-01

## Contents

mRNA . . . . .	2
Index	4

---

mRNA

*mRNA datasets from TCGA project*

---

## Description

Package provides mRNA 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")`. mRNA data format is explained here <https://wiki.nci.nih.gov/display/TCGA/Gene+expression+data>. Converting **RTCGA.mRNA** datasets from `data.frames` to Bioconductor classes is explained here [convertTCGA](#).

## Usage

BRCA.mRNA

COAD.mRNA

COADREAD.mRNA

GBMLGG.mRNA

KIPAN.mRNA

KIRC.mRNA

KIRP.mRNA

LGG.mRNA

LUAD.mRNA

LUSC.mRNA

OV.mRNA

READ.mRNA

UCEC.mRNA

## Details

`browseVignettes("RTCGA")`

## Value

Data frames with mRNA data.

## Source

<http://gdac.broadinstitute.org/>

**Examples**

```
## Not run:  
browseVignettes("RTCGA")  
  
## End(Not run)
```

# Index

## \* datasets

mRNA, [2](#)

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

BRCA.mRNA, COAD.mRNA, COADREAD.mRNA, GBMLGG.mRNA, KIPAN.mRNA, KIRC.mRNA, KIRP.mRNA, LGG.mRNA, LUAD.mRNA, LUSC.mRNA (mRNA), [2](#)

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

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

convertTCGA, [2](#)

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

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

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

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

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

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

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

mRNA, [2](#)

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

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

RTCGA-package, [2](#)

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