

Package ‘imageTCGA’

July 23, 2025

Type Package

Title TCGA Diagnostic Image Database Explorer

Version 1.0.0

Description A Shiny application to explore the TCGA Diagnostic Image Database.

License Artistic-2.0

Encoding UTF-8

LazyData false

biocViews ShinyApps

Imports DT, dplyr, bslib, bsicons, ggplot2, viridis, tidyr, leaflet,
clipr, rlang

Suggests BiocManager, BiocStyle, knitr, curl, glue, rmarkdown,
sessioninfo, testthat, tibble, GenomicDataCommons

RoxygenNote 7.3.2

Depends shiny

BugReports <https://github.com/billila/imageTCGA/issues>

URL <https://github.com/billila/imageTCGA>

VignetteBuilder knitr

git_url <https://git.bioconductor.org/packages/imageTCGA>

git_branch RELEASE_3_21

git_last_commit 6132b40

git_last_commit_date 2025-04-15

Repository Bioconductor 3.21

Date/Publication 2025-07-23

Author Ilaria Billato [aut, cre] (ORCID:

<<https://orcid.org/0000-0002-3335-3254>>, affiliation: Department of
Biology, University of Padova),

Marcel Ramos [ctb] (affiliation: CUNY Graduate School of Public Health
and Health Policy, New York, NY USA),

Sehyun Oh [ctb] (affiliation: CUNY Graduate School of Public Health and

Health Policy, New York, NY USA),
 Levi Waldron [ctb] (affiliation: CUNY Graduate School of Public Health
 and Health Policy, New York, NY USA),
 Davide Risso [ctb] (affiliation: Department of Statistical Sciences,
 University of Padova),
 Chiara Romualdi [ctb] (affiliation: Department of Biology, University
 of Padova)

Maintainer Ilaria Billato <ilaria.billato@phd.unipd.it>

Contents

imageTCGA	2
Index	3

imageTCGA	<i>imageTCGA: A Shiny application to explore the TCGA Diagnostic Image Database</i>
-----------	---

Description

This function launches a Shiny application that allows users to explore and download data from the TCGA Diagnostic Image Database.

Usage

```
imageTCGA()
```

Value

A Shiny application object

Examples

```
if (interactive()) {
  imageTCGA()
}
```

Index

imageTCGA, [2](#)