

Package ‘imageTCGA’

February 4, 2026

Type Package

Title TCGA Diagnostic Image Database Explorer

Version 1.2.0

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_22

git_last_commit 4f8b7fe

git_last_commit_date 2025-10-29

Repository Bioconductor 3.22

Date/Publication 2026-02-03

Author Ilaria Billato [aut, cre] (ORCID:

[<https://orcid.org/0000-0002-3335-3254>](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),

Mohamed Omar [ctb] (affiliation: Department of Computational
Biomedicine, Cedars-Sinai Medical Center, Los Angeles, California),

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](#)