Package ‘cytolib’

March 12, 2025

Type Package

Title C++ infrastructure for representing and interacting with the gated cytometry data

Version 2.19.3

Date 2017-08-07

Author Mike Jiang

Maintainer Mike Jiang <`mike@ozette.com`>

Description This package provides the core data structure and API to represent and interact with the gated cytometry data.

License AGPL-3.0-only

License_restricts_use no

LazyLoad yes

Imports RProtoBufLib

Depends R (>= 3.4)

Suggests knitr, rmarkdown

LinkingTo BH(>= 1.84.0.0), RProtoBufLib(>= 2.13.1),Rhdf5lib

biocViews ImmunoOncology, FlowCytometry, DataImport, Preprocessing, DataRepresentation

VignetteBuilder knitr

SystemRequirements GNU make, C++11

RoxygenNote 7.1.2

Biarch TRUE

git_url https://git.bioconductor.org/packages/cytolib

git_branch devel

git_last_commit 1f886d9

git_last_commit_date 2025-01-29

Repository Bioconductor 3.21

Date/Publication 2025-03-12

Contents

`cytolib_LdFlags` *Output the LD flags for building against cytolib. These flags are propagated to sourceCpp via the inlineCxxPlugin (defined below) and to packages via a line in Makevars[.win] like this:*

Description

PKG_LIBS += $(shell "$R_HOME/bin$R_ARCH_BIN/Rscript.exe" -e "cytolib::cytolib_LdFlags()")

Usage

```
cytolib_LdFlags()
```

Index