Package ‘BioImageDbs’

May 26, 2026

Type Package

Title Bio- and biomedical imaging dataset for machine learning and deep learning (for ExperimentHub)

Version 1.20.0

Encoding UTF-8

Depends R (>= 4.1.0)

Imports ExperimentHub, AnnotationHub, markdown, rmarkdown, EBImage, magick, magrittr, filesstrings, animation, einsum

Suggests knitr, BiocStyle, purrr

Description The package provides a bioimage dataset for
the image analysis using machine learning and deep learning.
The dataset includes microscopy imaging data with supervised labels.
The data is provided as R list data that can be loaded to Keras/tensorflow
in R.

VignetteBuilder knitr

URL `https://kumes.github.io/BioImageDbs/`

LazyLoad yes

biocViews ExperimentHub, ExperimentData, CellCulture, Tissue

RoxygenNote 7.1.1

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

git_branch RELEASE_3_23

git_last_commit bf306dd

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Repository Bioconductor 3.23

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Contents

BioImageDbs-package 2

Index **3**

`BioImageDbs-package` *Bio- and biomedical imaging dataset for machine learning and deep learning (for ExperimentHub)*

Description

The package provides a bioimage dataset for the image analysis using machine learning and deep learning. The dataset includes microscopy imaging data with supervised labels. The data is provided as R list data that can be loaded to Keras/tensorflow in R.

Details

The DESCRIPTION file: This package was not yet installed at build time.

Index: This package was not yet installed at build time.

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Examples

```
ls("package:BioImageDbs") # This is empty package
```

Index

∗ **package**
    `BioImageDbs-package`, 2

`BioImageDbs` *(`BioImageDbs-package`)*, 2
`BioImageDbs-package`, 2