# Package 'BioImageDbs'

April 24, 2025

**Type** Package

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

**Version** 1.16.0

**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

**License** Artistic-2.0

**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_21

**git_last_commit** ab06d69

**git_last_commit_date** 2025-04-15

**Repository** Bioconductor 3.21

**Date/Publication** 2025-04-24

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## Description

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## Details

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

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

## Author(s)

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Maintainer: Satoshi Kume <satoshi.kume.1984@gmail.com>

## Examples

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

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