

Package ‘DonaPLLP2013’

July 29, 2025

Type Package

Title Supplementary data package for Dona et al. (2013) containing example images and tables

Version 1.46.0

Date 2013-06-27

Author Erika Dona, Joseph D. Barry, Guillaume Valentin, Charlotte Quirin, Anton Khmelinskii, Andreas Kunze, Sevi Durdu, Lionel R. Newton, Ana Fernandez-Minan, Wolfgang Huber, Michael Knop, Darren Gilmour

Maintainer Joseph D. Barry <joseph.barry@embl.de>

Depends EBImage, parallel

Description An experiment data package associated with the publication Dona et al. (2013). Package contains runnable vignettes showing an example image segmentation for one posterior lateral line primordium, and also the data table and code used to analyze tissue-scale lifetime-ratio statistics.

biocViews ExperimentData, Tissue

License Artistic-2.0

git_url <https://git.bioconductor.org/packages/DonaPLLP2013>

git_branch RELEASE_3_21

git_last_commit 204b76c

git_last_commit_date 2025-04-15

Repository Bioconductor 3.21

Date/Publication 2025-07-29

Contents

statsTable	2
Index	3

statsTable	<i>Table of ratios</i>
------------	------------------------

Description

A data frame giving the tissue ratios for each primordium in each condition.

Usage

```
data(statsTable)
```

Format

A data frame where each row is a different sample and the columns are given as:

- ratio, the median whole-tissue lifetime ratio
- condition, the treatment or genetic condition

Examples

```
data(statsTable)
t.test(ratio ~ condition, data=statsTable, subset=c(condition=="WT" | condition=="Cxcr4b-/-"))
```

Index

* **datasets**
 statsTable, [2](#)

statsTable, [2](#)