Package 'humanHippocampus2024'

November 10, 2026

Title Access to SRT and snRNA-seq data from spatial_HPC project

Version 1.4.2

Date 2024-09-20

Description This is an ExperimentHub Data package that helps to access the spatially-resolved transcriptomics and single-nucleus RNA sequencing data. The datasets are generated from adjacent tissue sections of the anterior human hippocampus across ten adult neurotypical donors. The datasets are based on [spatial_hpc](https://github.com/LieberInstitute/spatial_hpc) project by Lieber Institute for Brain Development (LIBD) researchers and collaborators.

License file LICENSE

Encoding UTF-8

Roxygen list(markdown = TRUE)

Depends R (>= 4.4)

RoxygenNote 7.3.2

Imports ExperimentHub, SummarizedExperiment,SpatialExperiment

Suggests testthat (>= 3.0.0), sessioninfo, rmarkdown, knitr, BiocStyle, ExperimentHubData, AnnotationHubData, RefManageR

Config/testthat/edition 3

BugReports https://support.bioconductor.org/t/humanHippocampus2024

biocViews ExperimentHub, SequencingData, SpatialData, ExpressionData, Tissue, RNASeqData

URL https://github.com/LieberInstitute/spatial_hpc, https://christinehou11.github.io/humanHippocampus2024/

VignetteBuilder knitr

git_url https://git.bioconductor.org/packages/humanHippocampus2024

git_branch RELEASE_3_23

git_last_commit 5c43cac

git_last_commit_date 2026-11-04

Repository Bioconductor 3.23

Date/Publication 2026-11-10

Author Christine Hou [aut, cre] (ORCID:
<https://orcid.org/0009-0001-5350-0629>),
Stephanie C. Hicks [aut, fnd] (ORCID:
<https://orcid.org/0000-0002-7858-0231>)

Maintainer Christine Hou <chris2018hou@gmail.com>

Contents

humanHippocampus2024-package 2

Index **3**

`humanHippocampus2024-package`
Get access to the spatial HPC project data

Description

This is an ExperimentHub package that provides access to the data generated and analyzed in the humanHippocampus2024 project.

Author(s)

Christine Hou

See Also

Useful links:

- https://github.com/LieberInstitute/spatial_hpc
- https://christinehou11.github.io/humanHippocampus2024/
- Report bugs at https://support.bioconductor.org/t/humanHippocampus2024

Index

∗ **internal**
humanHippocampus2024-package, 2

human-hippocampus
*(*humanHippocampus2024-package*)*, 2
humanHippocampus2024
*(*humanHippocampus2024-package*)*, 2
humanHippocampus2024-package, 2