

Package ‘humanHippocampus2024’

January 2, 2025

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

Version 0.99.5

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 Artistic-2.0

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, RefManagerR

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 devel

git_last_commit c10cf0c

git_last_commit_date 2024-12-02

Repository Bioconductor 3.21

Date/Publication 2025-01-02

Author Christine Hou [aut, cre] (ORCID:
<<https://orcid.org/0009-0001-5350-0629>>)

Maintainer Christine Hou <chris2018hou@gmail.com>

Contents

humanHippocampus2024-package	2
Index	3

humanHippocampus2024-package
humanHippocampus2024: Access to SRT and snRNA-seq data from spatial_HPC project

Description

This is an ExperimentHub 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.

This is an ExperimentHub package that provides access to the data generated and analyzed in the [humanHippocampus2024](#) project. License: Artistic-2.0

Author(s)

Maintainer: Christine Hou <chris2018hou@gmail.com> (ORCID)
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](#)