

# Package ‘humanHippocampus2024’

December 19, 2024

**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](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://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

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## 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](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)

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Christine Hou

## See Also

Useful links:

- [https://github.com/LieberInstitute/spatial\\_hpc](https://github.com/LieberInstitute/spatial_hpc)
- <https://christinehou11.github.io/humanHippocampus2024/>
- Report bugs at <https://support.bioconductor.org/t/humanHippocampus2024>

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