

# Package ‘humanHippocampus2024’

September 4, 2025

**Title** Access to SRT and snRNA-seq data from spatial\_HPC project

**Version** 1.0.0

**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, 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://github.com/LieberInstitute/spatial_hpc),  
<https://christinehou11.github.io/humanHippocampus2024/>

**VignetteBuilder** knitr

**git\_url** https://git.bioconductor.org/packages/humanHippocampus2024

**git\_branch** RELEASE\_3\_21

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| humanHippocampus2024-package                      |
| <i>Get access to the spatial HPC project data</i> |

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

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