Table1: Human data

Tissue	Datatype	Link
Heart	scRNA-seq	https://www.heartcellatlas.org/ https://data.mendeley.com/datasets/mbvhhf8m62/2
Lung	scRNA-seq	https://beta.fastgenomics.org/datasets/detail-dataset-427f1eee6dd44f50bae1ab13f0f3c6a9
Kidney	scRNA-seq	https://www.kidneycellatlas.org/
Liver, Thymus, Spleen	scRNA-seq	https://singlecell.broadinstitute.org/single_cell/study/SCP1845/cross-tissue-immune-cell-analysis-reveals-tissue-specific-features-in-humans?scpbr=human-cell-atlas-main-collection#study-download https://descartes.brotmanbaty.org/bbi/human-gene-expression-during-development/
Cerebrum, Cerebellum	scRNA-seq	https://descartes.brotmanbaty.org/bbi/human-gene-expression-during-development
PBMC (with COVID)	scRNA-seq	https://www.covid19cellatlas.org/index.patient.html PBMCs
Lung (with Cancer)	scRNA-seq	https://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE196303
Pancreas	scRNA-seq	https://azimuth.hubmapconsortium.org/references/#Human%20-%20Pancreas
Heart	scATAC-seq	https://portal.hubmapconsortium.org/browse/dataset/ba41e71358136f6a202114681a217a95 https://portal.hubmapconsortium.org/browse/dataset/d180976b42a9ed8b5fb12a508f79a238 https://portal.hubmapconsortium.org/browse/dataset/d39a1b1f40bbab8990078d343b332cdc https://descartes.brotmanbaty.org/bbi/human-gene-expression-during-development/
Lung, Kidney, Thymus, Spleen, Cerebrum, Cerebellum, Pancreas	scATAC-seq	https://descartes.brotmanbaty.org/bbi/human-gene-expression-during-development/
Heart	Spatial Transcriptomics	https://support.10xgenomics.com/spatial-gene-expression/datasets/1.1.0/V1_Human_Heart
Cerebrum	Spatial Transcriptomics	https://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE205055

Table2: Mouse and Lemur data

Tissue	Datatype	Link
Heart, Lung, Kidney, Liver, Thymus, Spleen	scRNA-seq	https://figshare.com/articles/dataset/Tabula_Microcebus_v1_0/14468196?file=31777475 https://figshare.com/articles/dataset/Single-cell_RNA-seq_data_from_microfluidic_emulsion_v2_/5968960/2