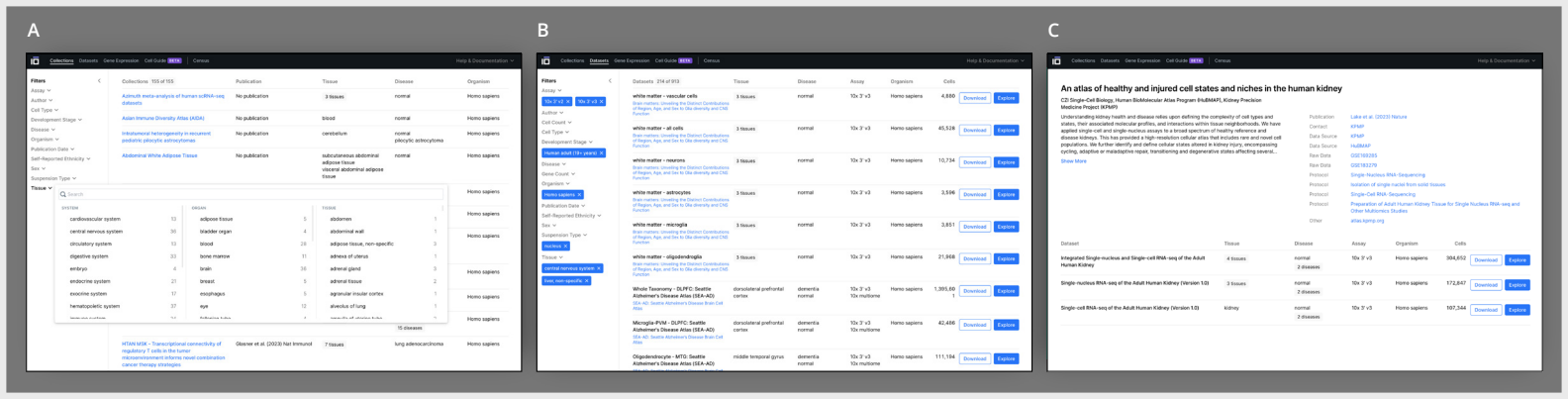
A
Collections
Datasets
Gene Expression
Cell Guide BETA
Census
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Filters
Assay
Author
Cell Type
Development Stage
Disease
Organism
Publication Date
Self-Reported Ethnicity
Sex
Suspension Type
Tissue
Collections 155 of 155
Publication
Tissue
Disease
Organism
Azimuth meta-analysis of human scRNA-seq datasets
No publication
3 tissues
normal
Homo sapiens
Asian Immune Diversity Atlas (AIDA)
No publication
blood
normal
Homo sapiens
Intratumoral heterogeneity in recurrent pediatric pilocytic astrocytomas
No publication
cerebellum
normal
pilocytic astrocytoma
Homo sapiens
Abdominal White Adipose Tissue
No publication
subcutaneous abdominal adipose tissue
visceral abdominal adipose tissue
normal
Homo sapiens
Search
SYSTEM
cardiovascular system 13
central nervous system 36
circulatory system 13
digestive system 33
embryo 4
endocrine system 21
exocrine system 17
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ORGAN
adipose tissue 5
bladder organ 4
blood 28
bone marrow 11
brain 36
breast 5
esophagus 5
eye 12
TISSUE
abdomen 1
abdominal wall 1
adipose tissue, non-specific 3
adnexa of uterus 1
adrenal gland 3
adrenal tissue 2
agranular insular cortex 1
alveolus of lung 1
15 diseases
HTAN MSK - Transcriptional connectivity of regulatory T cells in the tumor microenvironment informs novel combination cancer therapy strategies
Glasner et al. (2023) Nat Immunol
7 tissues
lung adenocarcinoma
Homo sapiens
B
Collections
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Filters
Assay
10x 3' v2
10x 3' v3
Author
Cell Count
Cell Type
Development Stage
Human adult (19+ years)
Disease
Gene Count
Organism
Homo sapiens
Publication Date
Self-Reported Ethnicity
Sex
Suspension Type
Tissue
nucleus
central nervous system
Exclude non-specific
Datasets 214 of 913
Tissue
Disease
Assay
Organism
Cells
white matter – vascular cells
Brain matters: Unveiling the Distinct Contributions of Regions, Age, and Sex to Glia diversity and CNS Function
3 tissues
normal
10x 3' v3
Homo sapiens
4,680
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white matter – all cells
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3 tissues
normal
10x 3' v3
Homo sapiens
45,528
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white matter – neurons
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3 tissues
normal
10x 3' v3
Homo sapiens
10,734
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white matter – astrocytes
Brain matters: Unveiling the Distinct Contributions of Regions, Age, and Sex to Glia diversity and CNS Function
3 tissues
normal
10x 3' v3
Homo sapiens
3,596
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white matter – microglia
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3 tissues
normal
10x 3' v3
Homo sapiens
3,851
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white matter – oligodendroglia
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3 tissues
normal
10x 3' v3
Homo sapiens
21,968
Download
Explore
Whole Taxonomy - DLPFC: Seattle Alzheimer's Disease Atlas (SEA-AD)
SEA-AD: Seattle Alzheimer's Disease Brain Cell Atlas
dorsolateral prefrontal cortex
dementia
normal
10x 3' v3
10x multiome
Homo sapiens
1,395,60
1
Download
Explore
Microglia-PVM - DLPFC: Seattle Alzheimer's Disease Atlas (SEA-AD)
SEA-AD: Seattle Alzheimer's Disease Brain Cell Atlas
dorsolateral prefrontal cortex
dementia
normal
10x 3' v3
10x multiome
Homo sapiens
42,486
Download
Explore
Oligodendrocyte - MTG: Seattle Alzheimer's Disease Atlas (SEA-AD)
middle temporal gyrus
dementia
normal
10x 3' v3
10x multiome
Homo sapiens
111,194
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An atlas of healthy and injured cell states and niches in the human kidney
CZI Single-Cell Biology, Human BioMolecular Atlas Program (HuBMAP), Kidney Precision Medicine Project (KPMP)
Understanding kidney health and disease relies upon defining the complexity of cell types and states, their associated molecular profiles, and interactions within tissue neighborhoods. We have applied single-cell and single-nucleus assays to a broad spectrum of healthy reference and disease kidneys. This has provided a high-resolution cellular atlas that includes rare and novel cell populations. We further identify and define cellular states altered in kidney injury, encompassing cycling, adaptive or maladaptive repair, transitioning and degenerative states affecting several...
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Publication
Lake et al. (2023) Nature
Contact
KPMP
Data Source
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HuBMAP
Raw Data
GSE183276
Raw Data
GSE183279
Protocol
Single-Nucleus RNA-Sequencing
Protocol
Isolation of single-nuclei from solid tissues
Protocol
Single-Cell RNA-Sequencing
Protocol
Preparation of Adult Human Kidney Tissue for Single Nucleus RNA-seq and Other Multiomics Studies
Other
atlas.kpmp.org
Dataset
Tissue
Disease
Assay
Organism
Cells
Integrated Single-nucleus and Single-cell RNA-seq of the Adult Human Kidney
4 tissues
normal
2 diseases
10x 3' v3
Homo sapiens
304,652
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3 tissues
normal
2 diseases
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kidney
normal
2 diseases
10x 3' v3
Homo sapiens
107,344
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