

Resource Summary Report

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CZ CELLxGENE Discover

RRID:SCR_024894

Type: Tool

Proper Citation

CZ CELLxGENE Discover (RRID:SCR_024894)

Resource Information

URL: <https://cellxgene.cziscience.com/>

Proper Citation: CZ CELLxGENE Discover (RRID:SCR_024894)

Description: Portal used to find and download any of data sets published on CELLxGENE. Allows to download and visually explore data to understand functionality of human tissues at cellular level. Optimized for finding, exploring, and reusing single cell data. Collections Page lists collections hosted on CELLxGENE Discover and metadata that define tissue, assay, disease, organism, and cell count for each collection. Once you find published dataset of interest on CELLxGENE Discover, you can click on the explore button below the dataset description to explore the cells of that dataset using the CELLxGENE Explorer.

Synonyms: Chan Zuckerberg CELL by GENE Discover

Resource Type: data or information resource, catalog, portal, database

Keywords: BICAN, visually explore data, functionality of human tissues at cellular level, tissue, assay, disease, organism, cell count, collection

Availability: Free, Freely available

Resource Name: CZ CELLxGENE Discover

Resource ID: SCR_024894

Record Creation Time: 20240118T050241+0000

Record Last Update: 20260731T043153+0000

Ratings and Alerts

No rating or validation information has been found for CZ CELLxGENE Discover.

No alerts have been found for CZ CELLxGENE Discover.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 88 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Zhao Z, et al. (2026) Multi-omics analysis unveils tumor heterogeneity and immunotherapy predictive model in breast cancer for precision medicine and early detection. *Neoplasia* (New York, N.Y.), 71, 101260.

Freire-Agulleiro Ó, et al. (2025) SF1-specific deletion of the energy sensor AMPK β 2 induces obesity. *Molecular metabolism*, 92, 102091.

Zhao Y, et al. (2025) Overexpression of PLCG2 and TMEM38A inhibit tumor progression in clear cell renal cell carcinoma. *Scientific reports*, 15(1), 3192.

Li S, et al. (2025) Atlas of expression of acyl CoA binding protein/diazepam binding inhibitor (ACBP/DBI) in human and mouse. *Cell death & disease*, 16(1), 134.

Embaie BT, et al. (2025) Comparative Single-Cell Transcriptomics of Human Neuroblastoma and Preclinical Models Reveals Conservation of an Adrenergic Cell State. *Cancer research*, 85(6), 1015.

Guo H, et al. (2025) The antioxidant stress effect of granulin precursor in vitiligo. *Scientific reports*, 15(1), 18189.

Karthikeyan SK, et al. (2025) MammOnc-DB, an integrative breast cancer data analysis platform for target discovery. *NPJ breast cancer*, 11(1), 35.

Zhao X, et al. (2025) Alzheimer's disease protective allele of Clusterin modulates neuronal excitability through lipid-droplet-mediated neuron-glia communication. *Molecular neurodegeneration*, 20(1), 51.

Sztupinski Z, et al. (2025) Polymerase theta expression is correlated with proliferative capacity but not with DNA repair deficiency status in solid tumors. *NPJ precision oncology*, 9(1), 200.

Shen X, et al. (2025) KIF4A Promotes Glioblastoma Malignant Progression and Transmission of Temozolomide Resistance in the Tumor Microenvironment via the HIF1A/VEGFA Axis. *CNS neuroscience & therapeutics*, 31(10), e70550.

, et al. (2025) Trans-ancestry genome-wide study of depression identifies 697 associations implicating cell types and pharmacotherapies. *Cell*, 188(3), 640.

- Ham AS, et al. (2025) Single-nuclei sequencing of skeletal muscle reveals subsynaptic-specific transcripts involved in neuromuscular junction maintenance. *Nature communications*, 16(1), 2220.
- Li C, et al. (2025) SUV39H1 maintains cancer stem cell chromatin state and properties in glioblastoma. *JCI insight*, 10(5).
- Xu Q, et al. (2025) An integrated transcriptomic cell atlas of human endoderm-derived organoids. *Nature genetics*, 57(5), 1201.
- Chen JJ, et al. (2025) HRI protein kinase in cytoplasmic heme sensing and mitochondrial stress response: Relevance to hematological and mitochondrial diseases. *The Journal of biological chemistry*, 301(5), 108494.
- Dooley SA, et al. (2025) The Molecular Motor Myosin 5B and Its Folding Chaperone UNC45A Are Decreased in Colorectal Cancer. *Cellular and molecular gastroenterology and hepatology*, 19(9), 101537.
- Artetxe-Zurutuza A, et al. (2025) Generation and validation of a novel multitarget small molecule in glioblastoma. *Cell death & disease*, 16(1), 250.
- Navidi Z, et al. (2025) Adaptive resampling for improved machine learning in imbalanced single-cell datasets. *bioRxiv : the preprint server for biology*.
- Klouda T, et al. (2025) Specialized pericyte subtypes in the pulmonary capillaries. *The EMBO journal*, 44(4), 1074.
- Kalfon J, et al. (2025) scPRINT: pre-training on 50 million cells allows robust gene network predictions. *Nature communications*, 16(1), 3607.