

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

Tabula Sapiens

RRID:SCR_022314

Type: Tool

Proper Citation

Tabula Sapiens (RRID:SCR_022314)

Resource Information

URL: <https://tabula-sapiens-portal.ds.czbiohub.org/>

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Description: Single cell transcriptomic atlas of multiple organs from individual human donors. Multiple organ, single cell transcriptomic atlas of humans. Molecular reference atlas for cell types of human body. Provides molecular definition of these cell types and reveals many other aspects of human biology, including how same gene can be spliced differently in different cell types, how shared cell types in different tissues can have subtle differences in their identities, and how clones of immune system can be shared across tissues.

Resource Type: atlas, data or information resource

Defining Citation: [DOI:10.1101/2021.07.19.452956](https://doi.org/10.1101/2021.07.19.452956)

Keywords: Single cell transcriptomic atlas, multiple organs, human donors, molecular reference atlas

Related Condition: diabetes, cancer, hypertension, coronary artery disease, hyperlipidemia, bipolar, depression, deep vein thrombosis, flu, mitral regurgitation, osteopenia, venous thromboembolic disease, lupus, pulmonary hypertension, schizophrenia, seizure, asthma, atrial fibrillation, asplenia, eczema, hypercholesterolemia, chronic lung disease

Funding: Chan Zuckerberg Initiative

Availability: Free, Freely available

Resource Name: Tabula Sapiens

Resource ID: SCR_022314

Record Creation Time: 20220602T050139+0000

Ratings and Alerts

No rating or validation information has been found for Tabula Sapiens.

No alerts have been found for Tabula Sapiens.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

Xu H, et al. (2026) From the Liver to Heart in Nonalcoholic Fatty Liver Disease: Single-Cell and Serum Evidence for Cytokeratin 18 in Predicting Cardiovascular Risk. Cardiovascular therapeutics, 2026, 3055531.

Roels J, et al. (2026) The Hippo Pathway Is Dysregulated in Cancer-Associated Fibroblasts in Anti-PD-L1-Resistant Cancer. Cancer research, 86(11), 2592.

, et al. (2025) Tabula Sapiens reveals transcription factor expression, senescence effects, and sex-specific features in cell types from 28 human organs and tissues. bioRxiv : the preprint server for biology.

Wang X, et al. (2025) Wide-spectrum profiling of plasma cell-free RNA and the potential for health-monitoring. RNA biology, 22(1), 1.

Xu Q, et al. (2025) An integrated transcriptomic cell atlas of human endoderm-derived organoids. Nature genetics, 57(5), 1201.

Mandelia M, et al. (2025) Deciphering genetic susceptibility to clear cell renal cell carcinoma. Communications biology, 9(1), 32.

Østergaard ME, et al. (2025) Conjugation to a transferrin receptor 1-binding Bicycle peptide enhances ASO and siRNA potency in skeletal and cardiac muscles. Nucleic acids research, 53(7).

Li J, et al. (2025) Exosome-Mediated Lectin Pathway and Resistin-MIF-AA Metabolism Axis Drive Immune Dysfunction in Immune Thrombocytopenia. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(10), e2412378.

Subedi S, et al. (2024) A scalable approach to topic modelling in single-cell data by approximate pseudobulk projection. Life science alliance, 7(10).

- Tauber M, et al. (2024) Correction: Landscape of mast cell populations across organs in mice and humans. *The Journal of experimental medicine*, 221(2).
- Ding J, et al. (2024) An esophagus cell atlas reveals dynamic rewiring during active eosinophilic esophagitis and remission. *Nature communications*, 15(1), 3344.
- Law PJ, et al. (2024) Systematic prioritization of functional variants and effector genes underlying colorectal cancer risk. *Nature genetics*, 56(10), 2104.
- Túrós D, et al. (2024) Chrysalis: decoding tissue compartments in spatial transcriptomics with archetypal analysis. *Communications biology*, 7(1), 1520.
- Weil PP, et al. (2024) Histone variant H3.5 in testicular cell differentiation and its interactions with histone chaperones. *Scientific reports*, 14(1), 30564.
- Idelman G, et al. (2024) Inducible pluripotent stem cells to study human mast cell trajectories. *Mucosal immunology*, 17(5), 1029.
- Stanley KE, et al. (2024) Cell type signatures in cell-free DNA fragmentation profiles reveal disease biology. *Nature communications*, 15(1), 2220.
- Dehghannasiri R, et al. (2024) sc-SPLASH provides ultra-efficient reference-free discovery in barcoded single-cell sequencing. *bioRxiv : the preprint server for biology*.
- Kim HM, et al. (2024) Genome-wide association study of subfoveal choroidal thickness in a longitudinal cohort of older adults. *Scientific reports*, 14(1), 23545.
- Chikkamenahalli LL, et al. (2024) Single cell atlas of human gastric muscle immune cells and macrophage-driven changes in idiopathic gastroparesis. *iScience*, 27(3), 108991.
- Ganji-Arjenaki M, et al. (2024) Prioritization of Kidney Cell Types Highlights Myofibroblast Cells in Regulating Human Blood Pressure. *Kidney international reports*, 9(6), 1849.