Resource Summary Report

Generated by NIF on Aug 6, 2026

Liver cell atlas

RRID:SCR_023627
Type: Tool

Proper Citation

Liver cell atlas (RRID:SCR_023627)

Resource Information

URL: https://www.livercellatlas.org

Proper Citation: Liver cell atlas (RRID:SCR_023627)

Description: Portal to search liver single cell RNA-sequencing datasets. Datasets for expression of genes or proteins (when CITE-seq was performed). To search for gene enter the official gene name. To search for protein please click to see specific names to use for different markers included.

Resource Type: data or information resource, atlas

Keywords: liver single cell RNA-sequencing data, liver cell, RNA-sequencing data, gene expression, protein, dataset,

Availability: Free, Freely available

Resource Name: Liver cell atlas

Resource ID: SCR_023627

Record Creation Time: 20230527T050216+0000

Record Last Update: 20260806T054753+0000

Ratings and Alerts

No rating or validation information has been found for Liver cell atlas.

No alerts have been found for Liver cell atlas.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 24 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Hong H, et al. (2025) Characterizing Kupffer Cell Production of CD5 Antigen-Like and Its Function on Regulating Migration of Natural Killer T Cells. The American journal of pathology, 195(10), 1839.

Nataraj K, et al. (2025) Androgen Effects on Alcohol-induced Liver Fibrosis Are Controlled by a Notch-dependent Epigenetic Switch. Cellular and molecular gastroenterology and hepatology, 19(1), 101414.

Chen H, et al. (2025) Integrative genome-wide analysis unveils the genetic landscape of gallstone disease and highlights novel loci with therapeutic potential. BMJ open gastroenterology, 12(1).

Bourinet M, et al. (2025) CD44 in Group 1 Innate Lymphoid Cells Impacts the Development and Progression of Steatohepatitis. Liver international : official journal of the International Association for the Study of the Liver, 45(9), e70299.

Chang JC, et al. (2025) ATP8B1 Deficiency Causes Phosphodiesterase 4-Mediated Glucagon Resistance and Impaired Gluconeogenesis in Mouse and Human Liver. Liver international : official journal of the International Association for the Study of the Liver, 45(9), e70306.

Wang Z, et al. (2025) A host enzyme reduces metabolic dysfunction-associated steatotic liver disease (MASLD) by inactivating intestinal lipopolysaccharide. eLife, 13.

Rafaa TA, et al. (2025) Genomic Exploration of Nonalcoholic Fatty Liver Disease: Insights From Gene Expression and Variation in Morbidly Obese Individuals. Journal of obesity, 2025, 9245699.

Lehrich BM, et al. (2025) Precision targeting of ?-catenin induces tumor reprogramming and immunity in hepatocellular cancers. Nature communications, 16(1), 5009.

Saris J, et al. (2025) Peritoneal resident macrophages constitute an immunosuppressive environment in peritoneal metastasized colorectal cancer. Nature communications, 16(1), 3669.

Örd T, et al. (2025) Single-cell to pre-clinical evaluation of Trem2, Folr2, and Slc7a7 as macrophage-associated biomarkers for atherosclerosis. Cardiovascular research, 121(16), 2503.

Klein D, et al. (2025) Mapping cells through time and space with moscot. Nature, 638(8052), 1065.

Ou Z, et al. (2025) Spatiotemporal Transcriptomic Profiling Reveals the Dynamic Immunological Landscape of Alveolar Echinococcosis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(18), e2405914.

Farrugia MA, et al. (2025) Incretins and MASLD: at the Crossroads of Endocrine and Hepatic Disorders. Current obesity reports, 14(1), 56.

Wilson RB, et al. (2024) Elongation factor 1A1 inhibition elicits changes in lipid droplet size, the bulk transcriptome, and cell type-associated gene expression in MASLD mouse liver. American journal of physiology. Gastrointestinal and liver physiology, 327(4), G608.

Das MK, et al. (2024) Altered hepatic metabolic landscape and insulin sensitivity in response to pulmonary tuberculosis. PLoS pathogens, 20(9), e1012565.

Long R, et al. (2024) LiverSCA: A comprehensive and user-friendly cell atlas in human hepatocellular carcinoma. Computational and structural biotechnology journal, 23, 2740.

Sommerauer C, et al. (2024) Estrogen receptor activation remodels TEAD1 gene expression to alleviate hepatic steatosis. Molecular systems biology, 20(4), 374.

Hautz T, et al. (2024) Transcriptomic signatures during normothermic liver machine perfusion correspond with graft quality and predict the early graft function. EBioMedicine, 108, 105330.

Geuenich MJ, et al. (2024) The impacts of active and self-supervised learning on efficient annotation of single-cell expression data. Nature communications, 15(1), 1014.

Roca Suarez AA, et al. (2024) TLR8 agonist selgantolimod regulates Kupffer cell differentiation status and impairs HBV entry into hepatocytes via an IL-6-dependent mechanism. Gut, 73(12), 2012.