

Resource Summary Report

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Kidney Interactive Transcriptomics

RRID:SCR_017209

Type: Tool

Proper Citation

Kidney Interactive Transcriptomics (RRID:SCR_017209)

Resource Information

URL: <http://www.humphreyslab.com/SingleCell/>

Proper Citation: Kidney Interactive Transcriptomics (RRID:SCR_017209)

Description: Software tool as analyzer for kidney single cell datasets. Allows users to query gene expression from mouse or human kidney and human kidney organoid single cell datasets. For details about datasets visit ReBuilding a Kidney website.

Abbreviations: KIT

Resource Type: analysis service resource, data or information resource, production service resource, service resource

Keywords: Analyzer, kidney, single, cell, dataset, gene, expression, mouse, human, organoid

Availability: Free, Freely available

Resource Name: Kidney Interactive Transcriptomics

Resource ID: SCR_017209

Alternate URLs: <https://www.rebuildingakidney.org/>

Record Creation Time: 20220129T080334+0000

Record Last Update: 20260905T133214+0000

Ratings and Alerts

No rating or validation information has been found for Kidney Interactive Transcriptomics.

No alerts have been found for Kidney Interactive Transcriptomics.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 99 mentions in open access literature.

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

Syreeni A, et al. (2026) Blood DNA methylation markers are associated with diabetic kidney disease progression in type 1 diabetes. *Diabetologia*, 69(5), 1317.

Li J, et al. (2026) Endothelial Ffar4 protects against diabetic kidney disease by potentiating endogenous retinoic acid metabolism. *Cellular & molecular biology letters*, 31(1).

Ruan Y, et al. (2026) VHL-recruiting PROTAC attenuates AKI-CKD transition via simultaneous degradation of Smad3 and stabilization of HIF-2?. *Cell death & disease*, 17(1).

Gong L, et al. (2026) Targeting fibroblast activation protein-? to treat renal fibrosis. *Cellular & molecular biology letters*, 31(1).

Mao B, et al. (2026) AMD1-mediated polyamine metabolism governs tubular repair fate by restraining senescence after kidney injury. *Renal failure*, 48(1), 2680375.

Sandholm N, et al. (2026) Exome-Wide Analysis Identifies a Rare EXD3 Missense Variant Associated With Diabetic Kidney Disease. *Kidney international reports*, 11(1), 219.

Bai F, et al. (2026) DYRK2 drives renal fibrosis through CDK1-dependent G2/M phase dysregulation in tubular epithelial cells. *Cellular & molecular biology letters*, 31(1).

Chatterjee T, et al. (2026) Macrophage ferritin heavy chain/?-synuclein regulatory axis modulates ferroptosis during kidney injury. *JCI insight*, 11(8).

Zhou W, et al. (2026) ATP7A-fibulin-4 complex delivers copper in the Golgi to activate LOX in renal fibrosis. *JCI insight*, 11(9).

Kang Y, et al. (2026) Multiomics Integration Analysis Reveals the Regulatory Mechanisms of Efferocytosis in Diabetic Kidney Disease. *Inflammation*, 49(1), 44.

Gao J, et al. (2025) Acute kidney injury through a metabolic lens: pathological reprogramming mechanisms and clinical translation potential. *Frontiers in physiology*, 16, 1602865.

Zhang X, et al. (2025) Endothelial Lon protease 1 facilitates the redox balance to prevent glomerulosclerosis by acting on superoxide dismutase 2 ubiquitination. *Redox biology*, 88, 103929.

Li X, et al. (2025) PARylation promotes acute kidney injury via RACK1 dimerization-mediated HIF-1? degradation. *Acta pharmaceutica Sinica. B*, 15(9), 4673.

Zhu XX, et al. (2025) Inhibition of PGK1 ameliorates acute kidney injury through inactivating the PKM2/ALOX12/ferroptosis pathway in a study with male mice. *Nature communications*, 16(1), 9436.

Park PG, et al. (2025) Inflammatory Milieu by Crosstalk between Glomerulus and Proximal Tubular Cells in Type 2 Diabetes Mellitus Kidney Disease. *Diabetes & metabolism journal*, 49(5), 1024.

Chen S, et al. (2025) Multi-omic and spatial analysis of mouse kidneys highlights sex-specific differences in gene regulation across the lifespan. *Nature genetics*, 57(5), 1213.

Tang X, et al. (2025) Network expression analysis identifies and experimentally validates the involvement of Fosb in acute kidney injury. *FASEB bioAdvances*, 7(4), e70002.

Xu L, et al. (2025) Prrx1 promotes mesangial cell proliferation and kidney fibrosis through YAP in diabetic nephropathy. *Journal of pharmaceutical analysis*, 15(10), 101247.

Kang P, et al. (2025) Inhibitors of p53 Apoptosis-Stimulating Protein Mitigate Acute Kidney Injury by Modulating the HIF-1 α /SLC7A11 Pathway to Suppress Ferroptosis. *Journal of cellular and molecular medicine*, 29(11), e70580.

Wang M, et al. (2025) The secreted protease ADAMTS18 is a novel activator of latent TGF- β to exacerbate renal fibrosis. *Communications biology*, 8(1), 892.