

Resource Summary Report

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Kidney Tissue Atlas

RRID:SCR_021626

Type: Tool

Proper Citation

Kidney Tissue Atlas (RRID:SCR_021626)

Resource Information

URL: <https://atlas.kpmp.org/>

Proper Citation: Kidney Tissue Atlas (RRID:SCR_021626)

Description: Atlas is set of interactive tools built to promote retrieval, exploration, discovery, and analysis of Kidney Precision Medicine Project data by greater research community. Datasets available in repository are combination of raw and processed data from KPMP participant biopsies and reference tissue samples.

Resource Type: data or information resource, atlas

Keywords: Interactive tools, retrieval, exploration, discovery, analysis, Kidney Precision Medicine Project data

Availability: Free, Freely available

Resource Name: Kidney Tissue Atlas

Resource ID: SCR_021626

Record Creation Time: 20220129T080356+0000

Record Last Update: 20260729T044528+0000

Ratings and Alerts

No rating or validation information has been found for Kidney Tissue Atlas.

No alerts have been found for Kidney Tissue Atlas.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Baishya S, et al. (2026) Gene regulatory networks involved in activation of Notch signaling by AGEs in the pathogenesis of diabetic kidney disease. PloS one, 21(1), e0335768.

Chen J, et al. (2025) Decreased brain-derived neurotrophic factor expression in chronic kidney disease: integrated clinical and experimental evidence. Frontiers in molecular biosciences, 12, 1627534.

Wang Y, et al. (2025) Integrated multiomics analysis identifies potential biomarkers and therapeutic targets for autophagy associated AKI to CKD transition. Scientific reports, 15(1), 13687.

Bueckle A, et al. (2025) Constructing and Using Cell Type Populations of the Human Reference Atlas. bioRxiv : the preprint server for biology.

Bueckle A, et al. (2025) Construction, Deployment, and Usage of the Human Reference Atlas Knowledge Graph. Scientific data, 12(1), 1100.

Bueckle A, et al. (2025) Construction, Deployment, and Usage of the Human Reference Atlas Knowledge Graph for Linked Open Data. bioRxiv : the preprint server for biology.

Reck M, et al. (2025) Multiomic analysis of human kidney disease identifies a tractable inflammatory and pro-fibrotic tubular cell phenotype. Nature communications, 16(1), 4745.

Kurata Y, et al. (2025) Multiple instance learning using pathology foundation models effectively predicts kidney disease diagnosis and clinical classification. Scientific reports, 15(1), 35298.

Asghari M, et al. (2025) Integration of spatial protein imaging and transcriptomics in the human kidney tracks the regenerative potential of proximal tubules. Science advances, 11(33), eadv8918.

Li N, et al. (2025) Single urinary extracellular vesicle proteomics identifies complement receptor CD35 as a biomarker for sepsis-associated acute kidney injury. Nature communications, 16(1), 6960.

Kösters P, et al. (2024) Adhesion G Protein-Coupled Receptor Gpr126 (Adgrg6) Expression Profiling in Diseased Mouse, Rat, and Human Kidneys. Cells, 13(10).

Zhang M, et al. (2024) Co-regulation and synteny of GFM2 and NSA2 links ribosomal function in mitochondria and the cytosol with chronic kidney disease. Molecular medicine (Cambridge, Mass.), 30(1), 176.

Sun Y, et al. (2024) The identification of key molecules and pathways in the crosstalk of calcium oxalate-treated TCMK-1 cells and macrophage via exosomes. Scientific reports, 14(1), 20949.

Hu H, et al. (2024) RBBP6-Mediated ERN1 Degradation Contributes to Mitochondrial Injury in Renal Tubular Cells in Diabetic Kidney Disease. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 11(46), e2405153.

Schlosser P, et al. (2024) Association of Integrated Proteomic and Metabolomic Modules with Risk of Kidney Disease Progression. *Journal of the American Society of Nephrology : JASN*, 35(7), 923.

Riedhammer KM, et al. (2024) Implication of transcription factor FOXD2 dysfunction in syndromic congenital anomalies of the kidney and urinary tract (CAKUT). *Kidney international*, 105(4), 844.

Wang J, et al. (2023) Dimension-agnostic and granularity-based spatially variable gene identification using BSP. *Nature communications*, 14(1), 7367.

Barry A, et al. (2023) Multi-population genome-wide association study implicates immune and non-immune factors in pediatric steroid-sensitive nephrotic syndrome. *Nature communications*, 14(1), 2481.

Wang J, et al. (2023) Dimension-agnostic and granularity-based spatially variable gene identification. *bioRxiv : the preprint server for biology*.

Sinning J, et al. (2023) The aging kidney is characterized by tubuloinflammation, a phenotype associated with MHC-II gene expression. *Frontiers in immunology*, 14, 1222339.