Resource Summary Report

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Nephroseq

RRID:SCR_019050
Type: Tool

Proper Citation

Nephroseq (RRID:SCR_019050)

Resource Information

URL: http://www.nephroseq.org

Proper Citation: Nephroseq (RRID:SCR_019050)

Description: Web based gene expression database and analysis platform. Used for integrative data mining of genotype and phenotype data, with optimized workflows.

Synonyms: Nephroseq v5

Resource Type: software resource, service resource, text-mining software, production service resource, data or information resource, data processing software, data visualization software, software application, analysis service resource, database

Keywords: Gene expression data, analysis platform, integrative data mining, genotype data, phenotype data,

Availability: Restricted

Resource Name: Nephroseq

Resource ID: SCR_019050

Record Creation Time: 20220129T080343+0000

Record Last Update: 20260807T042926+0000

Ratings and Alerts

No rating or validation information has been found for Nephroseq.

No alerts have been found for Nephroseq.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 150 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Duan S, et al. (2026) Immune Infiltration and Mitochondrial Function in Diabetic Kidney Disease: WGCNA and Machine Learning Identified Hub Genes with Clinical Validation. International journal of molecular sciences, 27(11).

Lv Q, et al. (2026) ANGPTL3 in Podocytes Contributes to the Pathogenesis of Lupus Nephritis by Activating MSR1 in Macrophages. Kidney diseases (Basel, Switzerland), 12(1), 288.

Wang C, et al. (2026) CLDN5 as a novel modulator of podocyte adhesion to extracellular matrix via ?1-integrin binding. The Journal of biological chemistry, 302(3), 111163.

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

Lohia S, et al. (2026) Integrative Analysis on the Urinary Proteome of Diabetic Kidney Disease, with an Emphasis on Extracellular Matrix Proteins. International journal of molecular sciences, 27(5).

Doeser MC, et al. (2026) Induction of fibrosis in human kidney organoids delineates mechanisms and therapeutic targets of fibrotic kidney disease. Stem cell research & therapy, 17(1).

Ju W, et al. (2026) Urinary clusterin as a biomarker of human kidney disease progression and response to the endothelin receptor antagonist atrasentan: An exploratory analysis from the SONAR trial. Nature communications, 17(1).

Liu S, et al. (2026) Integrative multi-omics Mendelian randomization reveals key lipid metabolism genes as therapeutic targets for diabetic nephropathy pathogenesis. Renal failure, 48(1), 2671460.

Lu W, et al. (2026) Integrated machine learning and multi-omics analysis identifies ALOX5 as a potential therapeutic target for tubulointerstitial inflammation in diabetic kidney disease. Scientific reports, 16(1).

Barreto AD, et al. (2026) Discovery of kidney disease targets using multimodal human podocyte injury models. Stem cell reports, 21(4), 102868.

Jiang H, et al. (2026) SPARC Drives Tubulointerstitial Fibrosis through Regulating the CBP-DOT1L Pathway. International journal of biological sciences, 22(10), 5495.

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.

Liang Z, et al. (2026) Energy-sensing molecule ROR? regulates cholesterol metabolism and immune signaling in diabetic kidney disease and aging. Nature communications, 17(1).

Xu Q, et al. (2026) Identification of diagnostic markers for diabetic kidney disease by weighted gene co?expression network analysis and machine learning. International journal of molecular medicine, 58(1).

Wang S, et al. (2025) Acetylation-regulated DUSP1 deficiency contributes to renal fibrosis progression. Theranostics, 15(9), 3781.

Liu Y, et al. (2025) Exploring the Molecular Mechanism of Hydroxychloroquine Against IgAN Through Network Pharmacology, MD Simulations and Experimental Assessment. Journal of cellular and molecular medicine, 29(10), e70615.

Qi B, et al. (2025) A Novel Role of Hyaluronan and Its Membrane Receptors, CD44 and RHAMM, in Obesity-Related Kidney Pathology. Biomolecules, 15(11).

Hill C, et al. (2025) Integrated multiomic analyses: An approach to improve understanding of diabetic kidney disease. Diabetic medicine : a journal of the British Diabetic Association, 42(2), e15447.

Zhao Y, et al. (2025) Aurora kinase B inhibitor AZD1152: repurposing for treatment of lupus nephritis driven by the results of clinical trials. EBioMedicine, 112, 105553.

Nishiyama N, et al. (2025) Immunoreceptor CD300a regulates ischemic tissue damage and adverse remodeling in the mouse heart and kidney. The Journal of clinical investigation, 135(19).