Resource Summary Report

Generated by dkNET on Apr 16, 2025

Nephromine

RRID:SCR_003813
Type: Tool

Proper Citation

Nephromine (RRID:SCR_003813)

Resource Information

URL: http://www.nephromine.org/

Proper Citation: Nephromine (RRID:SCR_003813)

Description: THIS RESOURCE IS NO LONGER IN SERVICE; REPLACED BY NEPHROSEQ; A growing database of publicly available renal gene expression profiles, a sophisticated analysis engine, and a powerful web application designed for data mining and visualization of gene expression. It provides unique access to datasets from the Personalized Molecular Nephrology Research Laboratory incorporating clinical data which is often difficult to collect from public sources and mouse data.

Resource Type: database, data or information resource

Keywords: kidney, gene expression, visualization, clinical, expression profile, gene, mouse model, microarray

Related Condition: Kidney disease, Healthy, Lupus nephritis, Chronic kidney disease, Diabetic nephropathy

Funding:

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Nephromine

Resource ID: SCR_003813

Alternate IDs: nlx_158114

Record Creation Time: 20220129T080221+0000

Record Last Update: 20250412T054900+0000

Ratings and Alerts

No rating or validation information has been found for Nephromine.

No alerts have been found for Nephromine.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Huang Z, et al. (2021) Key role for EphB2 receptor in kidney fibrosis. Clinical science (London, England : 1979), 135(17), 2127.

Zhang S, et al. (2021) A novel approach to identify the mechanism of miR-145-5p toxicity to podocytes based on the essential genes targeting analysis. Molecular therapy. Nucleic acids, 26, 749.

Poveda J, et al. (2017) MXRA5 is a TGF-?1-regulated human protein with anti-inflammatory and anti-fibrotic properties. Journal of cellular and molecular medicine, 21(1), 154.

Poveda J, et al. (2017) Bcl3: a regulator of NF-?B inducible by TWEAK in acute kidney injury with anti-inflammatory and antiapoptotic properties in tubular cells. Experimental & molecular medicine, 49(7), e352.

González N, et al. (2017) 2017 update on the relationship between diabetes and colorectal cancer: epidemiology, potential molecular mechanisms and therapeutic implications. Oncotarget, 8(11), 18456.

McKay GJ, et al. (2016) Bioinformatic Evaluation of Transcriptional Regulation of WNT Pathway Genes with reference to Diabetic Nephropathy. Journal of diabetes research, 2016, 7684038.

Valiño-Rivas L, et al. (2016) Non-canonical NF?B activation promotes chemokine expression in podocytes. Scientific reports, 6, 28857.

De Marinis Y, et al. (2016) Epigenetic regulation of the thioredoxin-interacting protein

(TXNIP) gene by hyperglycemia in kidney. Kidney international, 89(2), 342.

Ding F, et al. (2016) The Prediction of Key Cytoskeleton Components Involved in Glomerular Diseases Based on a Protein-Protein Interaction Network. PloS one, 11(5), e0156024.

Betz B, et al. (2016) An Update on the Use of Animal Models in Diabetic Nephropathy Research. Current diabetes reports, 16(2), 18.

Porta M, et al. (2016) Variation in SLC19A3 and Protection From Microvascular Damage in Type 1 Diabetes. Diabetes, 65(4), 1022.

Madhusudhan T, et al. (2015) Defective podocyte insulin signalling through p85-XBP1 promotes ATF6-dependent maladaptive ER-stress response in diabetic nephropathy. Nature communications, 6, 6496.

Lovisa S, et al. (2015) Epithelial-to-mesenchymal transition induces cell cycle arrest and parenchymal damage in renal fibrosis. Nature medicine, 21(9), 998.

Sanchez-Niño MD, et al. (2015) Albumin-induced apoptosis of tubular cells is modulated by BASP1. Cell death & disease, 6(2), e1644.

Buffon MP, et al. (2015) FRMD3 gene: its role in diabetic kidney disease. A narrative review. Diabetology & metabolic syndrome, 7, 118.

Takano K, et al. (2014) Characteristic expressions of GABA receptors and GABA producing/transporting molecules in rat kidney. PloS one, 9(9), e105835.

Liao LN, et al. (2014) Identified single-nucleotide polymorphisms and haplotypes at 16q22.1 increase diabetic nephropathy risk in Han Chinese population. BMC genetics, 15, 113.

Brennan EP, et al. (2012) Next-generation sequencing identifies TGF-?1-associated gene expression profiles in renal epithelial cells reiterated in human diabetic nephropathy. Biochimica et biophysica acta, 1822(4), 589.

Rooney B, et al. (2011) CTGF/CCN2 activates canonical Wnt signalling in mesangial cells through LRP6: implications for the pathogenesis of diabetic nephropathy. FEBS letters, 585(3), 531.

Neusser MA, et al. (2010) Human nephrosclerosis triggers a hypoxia-related glomerulopathy. The American journal of pathology, 176(2), 594.