

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 28, 2026

Kidney and Urinary Pathway Knowledge Base

RRID:SCR_001746

Type: Tool

Proper Citation

Kidney and Urinary Pathway Knowledge Base (RRID:SCR_001746)

Resource Information

URL: <http://datahub.io/dataset/kupkb>

Proper Citation: Kidney and Urinary Pathway Knowledge Base (RRID:SCR_001746)

Description: A collection of omics datasets (mRNA, proteins and miRNA) that have been extracted from PubMed and other related renal databases, all related to kidney physiology and pathology giving KUP biologists the means to ask queries across many resources in order to aggregate knowledge that is necessary for answering biological questions. Some microarray raw datasets have also been downloaded from the Gene Expression Omnibus and analyzed by the open-source software GeneArmada. The Semantic Web technologies, together with the background knowledge from the domain's ontologies, allows both rapid conversion and integration of this knowledge base. SPARQL endpoint <http://sparql.kupkb.org/sparql> The KUPKB Network Explorer will help you visualize the relationships among molecules stored in the KUPKB. A simple spreadsheet template is available for users to submit data to the KUPKB. It aims to capture a minimal amount of information about the experiment and the observations made.

Abbreviations: KUPKB

Synonyms: Kidney & Urinary Pathway Knowledge Base

Resource Type: service resource, data analysis service, data set, analysis service resource, storage service resource, production service resource, data repository, data or information resource

Defining Citation: [PMID:21624162](#)

Keywords: kidney, urinary, urine, pathway, molecule, visualizer, gene, protein, mirna, metabolite, mrna, microarray, ortholog, rdf, renal cell, anatomy, animal model, disease, sparql, proteomics, ontology, biomarker, gene expression, physiology, pathology

Related Condition: Kidney disease

Funding: European Union ;
FP7 ;
ICT-2007.4.4 e-LICO project

Availability: THIS RESOURCE IS NO LONGER IN SERVICE.

Resource Name: Kidney and Urinary Pathway Knowledge Base

Resource ID: SCR_001746

Alternate IDs: nlx_154134

Old URLs: <http://www.e-lico.eu/kupkb>

Record Creation Time: 20220129T080209+0000

Record Last Update: 20260728T043119+0000

Ratings and Alerts

No rating or validation information has been found for Kidney and Urinary Pathway Knowledge Base.

No alerts have been found for Kidney and Urinary Pathway Knowledge Base.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Krochmal M, et al. (2016) PeptiCKDdb-peptide- and protein-centric database for the investigation of genesis and progression of chronic kidney disease. Database : the journal of biological databases and curation, 2016.

Soldatova LN, et al. (2011) Selected papers from the 13th Annual Bio-Ontologies Special Interest Group Meeting. Journal of biomedical semantics, 2 Suppl 2(Suppl 2), I1.