

Resource Summary Report

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GUDMAP Ontology

RRID:SCR_002637

Type: Tool

Proper Citation

GUDMAP Ontology (RRID:SCR_002637)

Resource Information

URL: <http://www.gudmap.org/Resources/Ontologies.html>

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Description: A high-resolution ontology has been developed by members of the GUDMAP consortium to describe the subcompartments of the developing murine genitourinary tract. This ontology incorporates what can be defined histologically and begins to encompass other structures and cell types already identified at the molecular level. The GUDMAP ontology encompasses Theiler stage (TS) 17-27 of development as well as the sexually mature adult. It has been written as a paronymic, text-based, hierarchical ontology that, for the embryological stages, has been developed as a high-resolution expansion of the existing Edinburgh Mouse Atlas Project (EMAP) ontology. It also includes group terms for well-characterized structural and/or functional units comprising several sub-structures, such as the nephron and juxtaglomerular complex. Each term has been assigned a unique identification number. Synonyms have been used to improve the success of query searching and maintain wherever possible existing EMAP terms relating to this organ system.

Abbreviations: GUDMAP Ontology

Resource Type: resource, data or information resource, ontology, controlled vocabulary

Defining Citation: [PMID:17452023](#)

Keywords: murine, genitourinary tract, development, in situ hybridization, theiler stage, adult mouse, newborn mouse, adolescent mouse, embryonic mouse

Funding: NIDDK DK070136-02;
NIDDK DK070181;
NIDDK DK07020001;

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Resource Name: GUDMAP Ontology

Resource ID: SCR_002637

Alternate IDs: nlx_156063

Record Creation Time: 20220129T080214+0000

Record Last Update: 20250423T060043+0000

Ratings and Alerts

No rating or validation information has been found for GUDMAP Ontology .

No alerts have been found for GUDMAP Ontology .

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 [dkNET](#).

Whetzel PL, et al. (2015) The NIDDK Information Network: A Community Portal for Finding Data, Materials, and Tools for Researchers Studying Diabetes, Digestive, and Kidney Diseases. PloS one, 10(9), e0136206.

Harding SD, et al. (2011) The GUDMAP database--an online resource for genitourinary research. Development (Cambridge, England), 138(13), 2845.