

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

Rat Strain Ontology

RRID:SCR_003449

Type: Tool

Proper Citation

Rat Strain Ontology (RRID:SCR_003449)

Resource Information

URL: http://rgd.mcw.edu/tools/ontology/ont_search.cgi

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Description: Ontology that defines hierarchical display of different rat strains as derived from parental strains. Ontology Browser allows to retrieve all genes, QTLs, strains and homologs annotated to particular term. Covers all types of biological pathways including altered and disease pathways, and to capture relationships between them within hierarchical structure. Five nodes of ontology include classic metabolic, regulatory, signaling, drug and disease pathways. Ontology allows for standardized annotation of rat. Serves as vehicle to connect between genes and ontology reports, between reports and interactive pathway diagrams, between pathways that directly connect to one another within diagram or between pathways that in some fashion are globally related in pathway suites and suite networks.

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

Keywords: rat strain, obo, gene, pathway, biological process, metabolic, regulatory, signaling, drug, disease, metabolic pathway, regulatory pathway, signaling pathway, drug pathway, disease pathway, gene

Availability: Free, Freely available

Resource Name: Rat Strain Ontology

Resource ID: SCR_003449

Alternate IDs: nlx_157569, nlx_157544, SCR_003473

Alternate URLs: http://rgd.mcw.edu/rgdweb/ontology/view.html?acc_id=PW:0000001,
http://rgd.mcw.edu/rgdweb/ontology/view.html?acc_id=RS:0000457,
<http://purl.bioontology.org/ontology/RS>,
ftp://rgd.mcw.edu/pub/ontology/rat_strain/rat_strain.obo

Record Creation Time: 20220129T080219+0000

Record Last Update: 20260808T185758+0000

Ratings and Alerts

No rating or validation information has been found for Rat Strain Ontology.

No alerts have been found for Rat Strain Ontology.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Milanesi L, et al. (2009) Trends in modeling Biomedical Complex Systems. BMC bioinformatics, 10 Suppl 12(Suppl 12), I1.