

# Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

## Rat Strain Ontology

RRID:SCR\_003449

Type: Tool

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### Proper Citation

Rat Strain Ontology (RRID:SCR\_003449)

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### Resource Information

**URL:** [http://rgd.mcw.edu/tools/ontology/ont\\_search.cgi](http://rgd.mcw.edu/tools/ontology/ont_search.cgi)

**Proper Citation:** Rat Strain Ontology (RRID:SCR\_003449)

**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:** data or information resource, ontology, 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=PW:0000001),  
[http://rgd.mcw.edu/rgdweb/ontology/view.html?acc\\_id=RS:0000457](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](ftp://rgd.mcw.edu/pub/ontology/rat_strain/rat_strain.obo)

**Record Creation Time:** 20220129T080219+0000

**Record Last Update:** 20260731T042648+0000

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## Ratings and Alerts

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

No alerts have been found for Rat Strain Ontology.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

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