Resource Summary Report

Generated by Kravitz on Sep 10, 2026

Rat Genome Database: Neurological Disease Portal

RRID:SCR_008685
Type: Tool

Proper Citation

Rat Genome Database: Neurological Disease Portal (RRID:SCR_008685)

Resource Information

URL: http://rgd.mcw.edu/rgdCuration/?module=portal&func=show&name=nuro

Proper Citation: Rat Genome Database: Neurological Disease Portal (RRID:SCR_008685)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on May 12,2023. Portal that provides researchers with easy access to data on rat genes, QTLs, strain models, biological processes and pathways related to neurological diseases. This resource also includes dynamic data analysis tools.

Synonyms: RGD Neurological Disease Portal

Resource Type: data or information resource, portal, topical portal

Keywords: gene, analysis, biological, data, database, disease, genome, model, neurological, neuroscience, pathway, phenotype, qtl, rat, research

Related Condition: Neurological disease

Funding: RGD ;
NINDS

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Rat Genome Database: Neurological Disease Portal

Resource ID: SCR_008685

Alternate IDs: nif-0000-33773

Alternate URLs: http://rgd.mcw.edu

Record Creation Time: 20220129T080248+0000

Record Last Update: 20260905T132626+0000

Ratings and Alerts

No rating or validation information has been found for Rat Genome Database: Neurological Disease Portal.

No alerts have been found for Rat Genome Database: Neurological Disease Portal.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Laulederkind SJF, et al. (2026) Mapping of EFO terms from the GWAS catalog data to multiple ontologies at the Rat Genome Database. Database : the journal of biological databases and curation, 2026.

Qu X, et al. (2026) Investigation of epilepsy-related genes in a Drosophila model. Neural regeneration research, 21(1), 195.

Remiszewski P, et al. (2026) Introduction to animal modelling: factors and tools for choosing the optimal model for sarcoma research-a comprehensive literature review. Translational cancer research, 15(1), 66.

Piroozmand S, et al. (2026) Suboptimal Responses to Anti-VEGF in Retinal Neurovascular Diseases: Linking Aging and Alternative Angioinflammatory Pathways. Investigative ophthalmology & visual science, 67(5), 4.

Abo Nahas HH, et al. (2026) Rebamipide Reprograms Hepatic Networks to Prevent and Reverse Metabolic-Dysfunction-Associated Steatotic Liver Disease: Multi-Omics Insights and Histological Validation. Pharmaceuticals (Basel, Switzerland), 19(4).

Khvorykh GV, et al. (2026) Abundance of Inflammatory Response Genes Among Cardiovascular Disease and Ischemic Stroke Genes. International journal of molecular sciences, 27(10).

Ferrari LF, et al. (2025) Modeling Pain Without Injury: Inherited Rodent Models as Mechanistic Windows into Chronic Pain. Function (Oxford, England), 6(6).

Smith JR, et al. (2025) Standardized pipelines support and facilitate integration of diverse datasets at the Rat Genome Database. Database : the journal of biological databases and curation, 2025.

Phelps PE, et al. (2025) Olfactory ensheathing cells from adult female rats are hybrid glia that promote neural repair. eLife, 13.

Chen Y, et al. (2025) Discovery of Novel Pain Regulators Through Integration of Cross-Species High-Throughput Data. CNS neuroscience & therapeutics, 31(2), e70255.

Xia J, et al. (2025) Systems Genetics Reveals the Gene Regulatory Mechanisms of Arrb2 in the Development of Autism Spectrum Disorders. Genes, 16(5).

Abdullah FB, et al. (2025) A High-Fat Diet Increases Kidney Fibrosis Through Regulating TGF-? and PDGF-? Signaling Pathways in Normotensive and Hypertensive Rat Models. International journal of molecular sciences, 26(16).

Qi G, et al. (2025) FOXP2-immunoreactive corticothalamic neurons in neocortical layers 6a and 6b are tightly regulated by neuromodulatory systems. iScience, 28(1), 111646.

Basmenj ER, et al. (2025) Computational epitope-based vaccine design with bioinformatics approach; a review. Heliyon, 11(1), e41714.

Kannon T, et al. (2024) KANPHOS: Kinase-associated neural phospho-signaling database for data-driven research. Frontiers in molecular neuroscience, 17, 1379089.

Murao N, et al. (2024) The Derlin-1-Stat5b axis maintains homeostasis of adult hippocampal neurogenesis. EMBO reports, 25(8), 3678.

O'Connor AM, et al. (2024) Adolescent environmental enrichment induces social resilience and alters neural gene expression in a selectively bred rodent model with anxious phenotype. Neurobiology of stress, 31, 100651.

Hagenauer MH, et al. (2024) Resource: A Curated Database of Brain-Related Functional Gene Sets (Brain.GMT). bioRxiv : the preprint server for biology.

Freda PJ, et al. (2024) PAGER: A novel genotype encoding strategy for modeling deviations from additivity in complex trait association studies. BioData mining, 17(1), 41.

Arruda AL, et al. (2024) Genomic insights into the comorbidity between type 2 diabetes and schizophrenia. Schizophrenia (Heidelberg, Germany), 10(1), 22.