Resource Summary Report

Generated by ASWG on Aug 2, 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

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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: topical portal, data or information resource, 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: 20260801T190400+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 14 mentions in open access literature.

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

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

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

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.

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

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.

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

Lu M, et al. (2024) Identification of the genetic background of laboratory rats through amplicon-based next-generation sequencing for single-nucleotide polymorphism genotyping. BMC genomic data, 25(1), 84.

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

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

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

Arruda AL, et al. (2023) Genomic insights into the comorbidity between type 2 diabetes and schizophrenia. medRxiv : the preprint server for health sciences.

Wagner VA, et al. (2023) The Power of the Heterogeneous Stock Rat Founder Strains in Modeling Metabolic Disease. Endocrinology, 164(12).

Mavaie P, et al. (2023) Identifying unique exposure-specific transgenerational differentially DNA methylated region epimutations in??the genome using hybrid deep learning prediction models. Environmental epigenetics, 9(1), dvad007.