

# Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 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, topical portal, 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:** 20260729T044211+0000

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## 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.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 14 mentions in open access literature.

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

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.

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).

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.

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.