

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

RatGTEx Portal

RRID:SCR_022145

Type: Tool

Proper Citation

RatGTEx Portal (RRID:SCR_022145)

Resource Information

URL: <https://ratgtex.org>

Proper Citation: RatGTEx Portal (RRID:SCR_022145)

Description: Portal to download and visualize rat gene expression and associations between genotypes and molecular phenotypes, uniformly processed across tissues.

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

Keywords: RatGTEx data, rat gene expression, genotypes and molecular phenotypes associations, processed across tissues, genotypes, phenotypes

Availability: Free, Freely available

Resource Name: RatGTEx Portal

Resource ID: SCR_022145

Record Creation Time: 20220421T050138+0000

Record Last Update: 20260808T190219+0000

Ratings and Alerts

No rating or validation information has been found for RatGTEx Portal.

No alerts have been found for RatGTEx Portal.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Francis A, et al. (2025) Early-Life Adversity-Induced Epigenetic Reprogramming of Prefrontal Cortex in Rats Subjected to Maternal Separation. *Biological psychiatry global open science*, 5(4), 100487.

Gu SC, et al. (2025) The integration of genome-wide and transcriptome-wide association studies in neurodegenerative diseases: opportunities, challenges, and current methodological innovations. *Briefings in bioinformatics*, 26(4).

King CP, et al. (2025) Genetic Loci Influencing Cue-Reactivity in Heterogeneous Stock Rats. *Genes, brain, and behavior*, 24(2), e70018.

Campo P, et al. (2025) Ivermectin Reduces Withdrawal-Induced Alcohol Intake via CeA GABAergic Enhancement. *bioRxiv : the preprint server for biology*.

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.

King CP, et al. (2024) Genomic Loci Influencing Cue-Reactivity in Heterogeneous Stock Rats. *bioRxiv : the preprint server for biology*.

de Jong TV, et al. (2024) A revamped rat reference genome improves the discovery of genetic diversity in laboratory rats. *Cell genomics*, 4(4), 100527.

de Jong TV, et al. (2023) A revamped rat reference genome improves the discovery of genetic diversity in laboratory rats. *bioRxiv : the preprint server for biology*.

Fowler S, et al. (2022) Genome-wide association study finds multiple loci associated with intraocular pressure in HS rats. *Frontiers in genetics*, 13, 1029058.