

Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

Diversity Outbred Database

RRID:SCR_018180

Type: Tool

Proper Citation

Diversity Outbred Database (RRID:SCR_018180)

Resource Information

URL: <https://divdb.jax.org/>

Proper Citation: Diversity Outbred Database (RRID:SCR_018180)

Description: Database provides access to genotype and phenotype data from experiments with Diversity Outbred mice. Data can be searched by publication, investigator, and data type and can be downloaded in zipped CSV or R/QTL2 formats. Users can download full studies or subset of samples, genotypes, clinical phenotypes and molecular phenotypes including transcript, proteomic, and metabolomic profiling data.

Resource Type: database, data or information resource

Keywords: JAX, genetic diversity, genotype data, phenotype data, diversity outbred mice, genotype, clinical phenotype, molecular phenotype, proteomic, metabolomic, data

Availability: Free, Freely available

Resource Name: Diversity Outbred Database

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Old URLs: <https://www.jax.org/research-and-faculty/genetic-diversity-initiative/tools-data/diversity-outbred-database>

Record Creation Time: 20220129T080339+0000

Record Last Update: 20260803T040741+0000

Ratings and Alerts

No rating or validation information has been found for Diversity Outbred Database .

No alerts have been found for Diversity Outbred Database .

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Haque R, et al. (2025) Essential resources and best practices for laboratory mouse research. *Molecules and cells*, 48(2), 100178.

Philip VM, et al. (2023) Gene expression genetics of the striatum of Diversity Outbred mice. *Scientific data*, 10(1), 522.

Philip VM, et al. (2023) Gene expression genetics of the striatum of Diversity Outbred mice. *bioRxiv : the preprint server for biology*.

Crouse WL, et al. (2022) A Bayesian model selection approach to mediation analysis. *PLoS genetics*, 18(5), e1010184.

Keenan BT, et al. (2021) The dihydropyrimidine dehydrogenase gene contributes to heritable differences in sleep in mice. *Current biology : CB*, 31(23), 5238.

Arora UP, et al. (2021) Population and subspecies diversity at mouse centromere satellites. *BMC genomics*, 22(1), 279.

Bubier JA, et al. (2020) Genetic variation regulates opioid-induced respiratory depression in mice. *Scientific reports*, 10(1), 14970.

Skelly DA, et al. (2020) Mapping the Effects of Genetic Variation on Chromatin State and Gene Expression Reveals Loci That Control Ground State Pluripotency. *Cell stem cell*, 27(3), 459.