

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 28, 2026

## [Lepr<sup>db-ad</sup>/Lepr<sup>db-ad</sup>](#)

RRID:MGI:3813266

Type: Organism

### Proper Citation

RRID:MGI:3813266

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3813266

**Description:** Allele Detail: Spontaneous This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Spontaneous This is a legacy resource.

**Phenotype:** polyuria, increased body weight, increased circulating insulin level, increased food intake, increased circulating glucose level

**Affected Gene:** Lepr

**Genomic Alteration:** db-ad

**Catalog Number:** 3813266

**Background:** Not Specified

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Organism Name:** Lepr<sup>db-ad</sup>/Lepr<sup>db-ad</sup>

**Record Creation Time:** 20240120T190413+0000

**Record Last Update:** 20240130T201904+0000

### Ratings and Alerts

No rating or validation information has been found for  $\text{Lepr}^{\text{db-ad}}/\text{Lepr}^{\text{db-ad}}$ .

No alerts have been found for  $\text{Lepr}^{\text{db-ad}}/\text{Lepr}^{\text{db-ad}}$ .

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Zhang L, et al. (2019) The db mutation improves memory in younger mice in a model of Alzheimer's disease. *Biochimica et biophysica acta. Molecular basis of disease*, 1865(9), 2157.

Niedowicz DM, et al. (2014) Obesity and diabetes cause cognitive dysfunction in the absence of accelerated ??-amyloid deposition in a novel murine model of mixed or vascular dementia. *Acta neuropathologica communications*, 2, 64.