

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 6, 2026

[Lepr^{db-ad}/Lepr^{db-ad}](#)

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^{db-ad}/Lepr^{db-ad}

Record Creation Time: 20240120T190413+0000

Record Last Update: 20240130T201904+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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.