

Resource Summary Report

Generated by [T1D](#) on Sep 18, 2026

[Lepr^{db-5J}/Lepr^{db-5J}](#)

RRID:MGI:3699232

Type: Organism

Proper Citation

RRID:MGI:3699232

Organism Information

URL:

Proper Citation: RRID:MGI:3699232

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

Species: Mus musculus

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

Phenotype: increased susceptibility to weight gain, homeostasis/metabolism phenotype, abnormal CD8-positive, alpha beta T cell morphology, premature death, increased circulating leptin level, hyperglycemia, abnormal pancreatic islet morphology, periinsulitis, pancreas inflammation, weight loss, increased percent body fat/body weight, abnormal CD4-positive, alpha beta T cell morphology, increased circulating insulin level, polyphagia, degranulated pancreatic beta cells, abnormal circulating glucose level

Affected Gene: Lepr

Genomic Alteration: db-5J

Catalog Number: 3699232

Background: NOD/ShiLt-Lepr

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16123339](#), [PMID:16380490](#)

Organism Name: Lepr^{db-5J}/Lepr^{db-5J}

Record Creation Time: 20240120T190531+0000

Record Last Update: 20240130T201948+0000

Ratings and Alerts

No rating or validation information has been found for Lepr^{db-5J}/Lepr^{db-5J}.

No alerts have been found for Lepr^{db-5J}/Lepr^{db-5J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.