

Resource Summary Report

Generated by [T1D](#) on Sep 6, 2026

[Lepr^{tm4Mgmj}/Lepr^{tm4Mgmj}](#)

RRID:MGI:4843198

Type: Organism

Proper Citation

RRID:MGI:4843198

Organism Information

URL:

Proper Citation: RRID:MGI:4843198

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

Species: Mus musculus

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

Phenotype: impaired glucose tolerance, increased body weight, increased circulating glucose level, increased circulating insulin level, abnormal eating behavior, abnormal female reproductive system morphology, absent estrus, decreased splenocyte number, short femur, insulin resistance, increased percent body fat/body weight, absent estrous cycle, decreased CD4-positive, alpha beta T cell number, decreased T cell proliferation, decreased body length, decreased body temperature, decreased lean body mass, female infertility

Affected Gene: Lepr

Genomic Alteration: tm4Mgmj

Catalog Number: 4843198

Background: B6.Cg-Lepr

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20068132](#)

Organism Name: Lepr^{tm4Mgmj}/Lepr^{tm4Mgmj}

Record Creation Time: 20240120T190238+0000

Record Last Update: 20240130T201811+0000

Ratings and Alerts

No rating or validation information has been found for Lepr^{tm4Mgmj}/Lepr^{tm4Mgmj}.

No alerts have been found for Lepr^{tm4Mgmj}/Lepr^{tm4Mgmj}.

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.