

# Resource Summary Report

Generated by [nidm-terms](#) on Jul 28, 2026

[Lepr<sup>tm4Mgmj</sup>/Lepr<sup>tm4Mgmj</sup>](#)

RRID:MGI:4843198

Type: Organism

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## Proper Citation

RRID:MGI:4843198

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## 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<sup>tm4Mgmj</sup>/Lepr<sup>tm4Mgmj</sup>

**Record Creation Time:** 20240120T190238+0000

**Record Last Update:** 20240130T201811+0000

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## Ratings and Alerts

No rating or validation information has been found for Lepr<sup>tm4Mgmj</sup>/Lepr<sup>tm4Mgmj</sup>.

No alerts have been found for Lepr<sup>tm4Mgmj</sup>/Lepr<sup>tm4Mgmj</sup>.

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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 have not found any literature mentions for this resource.