

Resource Summary Report

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

[Lep^{ob}/Lep^{ob}; Steap4^{tm1Dgen}/Steap4^{tm1Dgen}](#)

RRID:MGI:5438099

Type: Organism

Proper Citation

RRID:MGI:5438099

Organism Information

URL:

Proper Citation: RRID:MGI:5438099

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

Species: Mus musculus

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

Phenotype: increased circulating glucose level, increased percent body fat/body weight, hepatic steatosis

Affected Gene: Lep, Steap4

Genomic Alteration: ob, tm1Dgen

Catalog Number: 5438099

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17482547](#)

Organism Name: Lep^{ob}/Lep^{ob}; Steap4^{tm1Dgen}/Steap4^{tm1Dgen}

Record Creation Time: 20240120T190137+0000

Record Last Update: 20240130T201735+0000

Ratings and Alerts

No rating or validation information has been found for Lep^{ob}/Lep^{ob}; Steap4^{tm1Dgen}/Steap4^{tm1Dgen}.

No alerts have been found for Lep^{ob}/Lep^{ob}; Steap4^{tm1Dgen}/Steap4^{tm1Dgen}.

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.