

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

[Lep^{ob}/Lep^{ob}; Pparg^{tm2Avp}/Pparg^{tm2Avp}](#)

RRID:MGI:3711740

Type: Organism

Proper Citation

RRID:MGI:3711740

Organism Information

URL:

Proper Citation: RRID:MGI:3711740

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

Species: Mus musculus

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

Phenotype: increased circulating triglyceride level, increased fluid intake, endocrine/exocrine gland phenotype, decreased circulating insulin level, abnormal fat cell morphology, abnormal skeletal muscle morphology, hepatic steatosis, oxidative stress, insulin resistance, increased urine glucose level, increased percent body fat/body weight, increased circulating insulin level, increased circulating glucose level, increased circulating free fatty acid level, abnormal pancreatic islet morphology, abnormal insulin secretion, decreased respiratory quotient, disorganized pancreatic islets, decreased liver triglyceride level, hyperglycemia, growth/size/body region phenotype, abnormal glucose homeostasis, abnormal lipid homeostasis, hypoactivity, decreased triglyceride level, abnormal locomotor behavior, abnormal liver morphology, polyphagia, decreased adiponectin level

Affected Gene: Lep, Pparg

Genomic Alteration: tm2Avp, ob

Catalog Number: 3711740

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17465682](#)

Organism Name: Lep^{ob}/Lep^{ob}; Pparg^{tm2Avp}/Pparg^{tm2Avp}

Record Creation Time: 20240120T190521+0000

Record Last Update: 20240130T201942+0000

Ratings and Alerts

No rating or validation information has been found for Lep^{ob}/Lep^{ob}; Pparg^{tm2Avp}/Pparg^{tm2Avp}.

No alerts have been found for Lep^{ob}/Lep^{ob}; Pparg^{tm2Avp}/Pparg^{tm2Avp}.

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.