

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[Lipe^{tm1Land}](#)/[Lipe^{tm1Land}](#)

RRID:MGI:2677468

Type: Organism

Proper Citation

RRID:MGI:2677468

Organism Information

URL:

Proper Citation: RRID:MGI:2677468

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

Species: Mus musculus

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

Phenotype: male infertility, increased oxygen consumption, decreased susceptibility to diet-induced obesity, decreased adiponectin level, decreased circulating leptin level, decreased subcutaneous adipose tissue amount, abnormal white fat cell morphology, decreased body weight, abnormal feces composition, increased circulating insulin level, decreased muscle cell glucose uptake, insulin resistance, oligozoospermia, abnormal lipolysis, increased pancreatic beta cell mass, abnormal adipose tissue physiology, pancreatic islet hyperplasia, hyperglycemia, decreased white adipose tissue amount, increased food intake

Affected Gene: Lipe

Genomic Alteration: tm1Land

Catalog Number: 2677468

Background: involves: 129 * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12835327](#), [PMID:18335062](#)

Organism Name: Lipe^{tm1Land}/Lipe^{tm1Land}

Record Creation Time: 20240120T190724+0000

Record Last Update: 20240130T202053+0000

Ratings and Alerts

No rating or validation information has been found for Lipe^{tm1Land}/Lipe^{tm1Land}.

No alerts have been found for Lipe^{tm1Land}/Lipe^{tm1Land}.

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.