

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

[Lep^{ob}/Lep^{ob}; C3^{tm1Hrc}/C3^{tm1Hrc}](#)

RRID:MGI:3505871

Type: Organism

Proper Citation

RRID:MGI:3505871

Organism Information

URL:

Proper Citation: RRID:MGI:3505871

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

Species: Mus musculus

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

Phenotype: abnormal lipid homeostasis, increased circulating free fatty acid level, abnormal energy expenditure, decreased circulating insulin level, abnormal oxygen consumption, polyphagia, decreased body weight, increased triglyceride level, abnormal glucose homeostasis

Affected Gene: Lep, C3

Genomic Alteration: ob, tm1Hrc

Catalog Number: 3505871

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12244109](#)

Organism Name: Lep^{ob}/Lep^{ob}; C3^{tm1Hrc}/C3^{tm1Hrc}

Record Creation Time: 20240120T190647+0000

Record Last Update: 20240130T202032+0000

Ratings and Alerts

No rating or validation information has been found for Lep^{ob}/Lep^{ob}; C3^{tm1Hrc}/C3^{tm1Hrc}.

No alerts have been found for Lep^{ob}/Lep^{ob}; C3^{tm1Hrc}/C3^{tm1Hrc}.

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.