

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

[Lep^{ob}/Lep^{ob}; Cnot3^{tm1.1Tya}/Cnot3⁺](#)

RRID:MGI:5607532

Type: Organism

Proper Citation

RRID:MGI:5607532

Organism Information

URL:

Proper Citation: RRID:MGI:5607532

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 oxygen consumption, behavior/neurological phenotype, decreased body weight, improved glucose tolerance, increased insulin sensitivity, decreased respiratory quotient

Affected Gene: Lep, Cnot3

Genomic Alteration: tm1.1Tya, ob

Catalog Number: 5607532

Background: involves: 129P2/OlaHsd * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21897366](#)

Organism Name: Lep^{ob}/Lep^{ob}; Cnot3^{tm1.1Tya}/Cnot3⁺

Record Creation Time: 20240120T190038+0000

Record Last Update: 20240130T201700+0000

Ratings and Alerts

No rating or validation information has been found for Lep^{ob}/Lep^{ob}; Cnot3^{tm1.1Tya}/Cnot3⁺.

No alerts have been found for Lep^{ob}/Lep^{ob}; Cnot3^{tm1.1Tya}/Cnot3⁺.

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.