

Resource Summary Report

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

[Lepr^{tm1.1Chua}/Lepr^{tm1.1Chua}; Tg\(Pomc1-cre\)16Lowl](#)

RRID:MGI:3640618

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3640618

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

Species: Mus musculus

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

Phenotype: abnormal fat pad morphology, increased total body fat amount, increased body weight, increased circulating leptin level, abnormal renal fat pad morphology, abnormal mesenteric fat pad morphology, abnormal gonadal fat pad morphology, increased circulating leptin level, abnormal epididymal fat pad morphology, abnormal mesenteric fat pad morphology, abnormal renal fat pad morphology, increased total body fat amount, abnormal fat pad morphology, obese

Affected Gene: Lepr

Genomic Alteration: Tg(Pomc1-cre)16Lowl, tm1.1Chua

Catalog Number: 3640618

Background: involves: 129 * C57BL/6J * FVB

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15207242](#), [PMID:16423694](#)

Organism Name: Lepr^{tm1.1Chua}/Lepr^{tm1.1Chua}; Tg(Pomc1-cre)16Lowl

Record Creation Time: 20240120T190551+0000

Record Last Update: 20240130T201959+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Lepr}^{\text{tm1.1Chua}}/\text{Lepr}^{\text{tm1.1Chua}};$ $\text{Tg(Pomc1-cre)}16\text{Lowl}$.

No alerts have been found for $\text{Lepr}^{\text{tm1.1Chua}}/\text{Lepr}^{\text{tm1.1Chua}};$ $\text{Tg(Pomc1-cre)}16\text{Lowl}$.

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.