

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

[Lepr^{tm1.1Chua}/Lepr^{tm1.1Chua}; Tg\(Nr5a1-cre\)^{2Lowl}](#)

RRID:MGI:3663483

Type: Organism

Proper Citation

RRID:MGI:3663483

Organism Information

URL:

Proper Citation: RRID:MGI:3663483

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 gonadal fat pad morphology, increased total body fat amount, increased susceptibility to diet-induced obesity, increased food intake, abnormal nervous system electrophysiology, abnormal energy expenditure, abnormal fat pad morphology, abnormal renal fat pad morphology, increased body weight, increased circulating leptin level

Affected Gene: Lepr

Genomic Alteration: tm1.1Chua, Tg(Nr5a1-cre)^{2Lowl}

Catalog Number: 3663483

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:16423694](#)

Organism Name: Lepr^{tm1.1Chua}/Lepr^{tm1.1Chua}; Tg(Nr5a1-cre)^{2Lowl}

Record Creation Time: 20240120T190546+0000

Record Last Update: 20240130T201957+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Lepr}^{\text{tm1.1Chua}}/\text{Lepr}^{\text{tm1.1Chua}};$ $\text{Tg}(\text{Nr5a1-cre})2\text{Lowl}$.

No alerts have been found for $\text{Lepr}^{\text{tm1.1Chua}}/\text{Lepr}^{\text{tm1.1Chua}};$ $\text{Tg}(\text{Nr5a1-cre})2\text{Lowl}$.

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.