

Resource Summary Report

Generated by [T1D](#) on Sep 6, 2026

[Lepr^{tm1.1Chua}/Lepr^{tm1.1Chua}](#)

RRID:MGI:3511747

Type: Organism

Proper Citation

RRID:MGI:3511747

Organism Information

URL:

Proper Citation: RRID:MGI:3511747

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

Species: Mus musculus

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

Phenotype: growth/size/body region phenotype, decreased circulating glucose level

Affected Gene: Lepr

Genomic Alteration: tm1.1Chua

Catalog Number: 3511747

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15389315](#)

Organism Name: Lepr^{tm1.1Chua}/Lepr^{tm1.1Chua}

Record Creation Time: 20240120T190646+0000

Record Last Update: 20240130T202031+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Lepr}^{\text{tm1.1Chua}}/\text{Lepr}^{\text{tm1.1Chua}}$.

No alerts have been found for $\text{Lepr}^{\text{tm1.1Chua}}/\text{Lepr}^{\text{tm1.1Chua}}$.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Evans MC, et al. (2023) Leptin, but not Estradiol, Signaling in PACAP Neurons Modulates Puberty Onset. *Endocrinology*, 164(8).

Caron A, et al. (2018) POMC neurons expressing leptin receptors coordinate metabolic responses to fasting via suppression of leptin levels. *eLife*, 7.