

# Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

## [Lepr<sup>tm1.1Chua</sup>/Lepr<sup>tm1.1Chua</sup>](#)

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<sup>tm1.1Chua</sup>/Lepr<sup>tm1.1Chua</sup>

**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 [dkNET](#) .

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.