

# Resource Summary Report

Generated by [kravitz2](#) on Aug 11, 2026

[Npy4r<sup>tm1.1Hhz</sup>/Npy4r<sup>tm1.1Hhz</sup>; Lep<sup>ob</sup>/Lep<sup>ob</sup>](#)

RRID:MGI:3694008

Type: Organism

## Proper Citation

RRID:MGI:3694008

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3694008

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

**Species:** Mus musculus

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

**Phenotype:** increased circulating corticosterone level, abnormal adipose tissue amount, abnormal Leydig cell morphology, abnormal ovarian follicle morphology, increased susceptibility to weight gain, abnormal fertility/fecundity, abnormal sperm number, increased seminal vesicle weight, abnormal circulating testosterone level, abnormal vagina orifice morphology, homeostasis/metabolism phenotype, abnormal branching of the mammary ductal tree, abnormal estrous cycle

**Affected Gene:** Lep, Npy4r

**Genomic Alteration:** tm1.1Hhz, ob

**Catalog Number:** 3694008

**Background:** involves: 129X1/SvJ \* C57BL/6

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:12000791](#)

**Organism Name:** Npy4r<sup>tm1.1Hhz</sup>/Npy4r<sup>tm1.1Hhz</sup>; Lep<sup>ob</sup>/Lep<sup>ob</sup>

**Record Creation Time:** 20240120T190537+0000

**Record Last Update:** 20240130T201951+0000

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## Ratings and Alerts

No rating or validation information has been found for Npy4r<sup>tm1.1Hhz</sup>/Npy4r<sup>tm1.1Hhz</sup>; Lep<sup>ob</sup>/Lep<sup>ob</sup>.

No alerts have been found for Npy4r<sup>tm1.1Hhz</sup>/Npy4r<sup>tm1.1Hhz</sup>; Lep<sup>ob</sup>/Lep<sup>ob</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.