

# Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

[Npy6r<sup>tm1Hhzg</sup>/Npy6r<sup>tm1Hhzg</sup>](#)

RRID:MGI:5588350

Type: Organism

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## Proper Citation

RRID:MGI:5588350

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5588350

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

**Species:** Mus musculus

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

**Phenotype:** abnormal energy expenditure, increased inguinal fat pad weight, increased liver weight, increased respiratory quotient, increased retroperitoneal fat pad weight, increased susceptibility to age related obesity, increased susceptibility to diet-induced obesity, increased total body fat amount, increased food intake, increased epididymal fat pad weight, abnormal circulating corticosterone level, abnormal circulating insulin-like growth factor I level, increased energy expenditure, increased defecation amount, increased white adipose tissue amount, reproductive system phenotype, impaired glucose tolerance, hyperactivity, homeostasis/metabolism phenotype, increased circulating insulin level, increased circulating glucose level, increased brown adipose tissue amount, decreased body weight, decreased body size, improved glucose tolerance, decreased epididymal fat pad weight, abnormal food intake, decreased retroperitoneal fat pad weight, decreased circulating insulin level, decreased circulating insulin-like growth factor I level, decreased respiratory quotient, decreased lean body mass, hepatic steatosis, decreased food intake, decreased inguinal fat pad weight, decreased defecation amount, decreased total body fat amount, abnormal abdominal fat pad morphology, decreased brown adipose tissue amount, decreased mesenteric fat pad weight

**Affected Gene:** Npy6r

**Genomic Alteration:** tm1Hhzg

**Catalog Number:** 5588350

**Background:** involves: 129S/SvEvBrd \* C57BL/6

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:24411939](#)

**Organism Name:** Npy6r<sup>tm1Hhzhg</sup>/Npy6r<sup>tm1Hhzhg</sup>

**Record Creation Time:** 20240120T190039+0000

**Record Last Update:** 20240130T201702+0000

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## Ratings and Alerts

No rating or validation information has been found for Npy6r<sup>tm1Hhzhg</sup>/Npy6r<sup>tm1Hhzhg</sup>.

No alerts have been found for Npy6r<sup>tm1Hhzhg</sup>/Npy6r<sup>tm1Hhzhg</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.