

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[Npy6r^{tm1Hhzg}/Npy6r^{tm1Hhzg}](#)

RRID:MGI:5588350

Type: Organism

Proper Citation

RRID:MGI:5588350

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](https://pubmed.ncbi.nlm.nih.gov/24411939/)

Organism Name: Npy6r^{tm1Hhzg}/Npy6r^{tm1Hhzg}

Record Creation Time: 20240120T190039+0000

Record Last Update: 20240130T201702+0000

Ratings and Alerts

No rating or validation information has been found for Npy6r^{tm1Hhzg}/Npy6r^{tm1Hhzg}.

No alerts have been found for Npy6r^{tm1Hhzg}/Npy6r^{tm1Hhzg}.

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.