

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

[Pomc^{tm1Low}/Pomc^{tm1Low}](#)

RRID:MGI:3814213

Type: Organism

Proper Citation

RRID:MGI:3814213

Organism Information

URL:

Proper Citation: RRID:MGI:3814213

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

Species: Mus musculus

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

Phenotype: increased circulating insulin level, increased gonadal fat pad weight, obese, increased urine adrenaline level, increased body weight, abnormal alcohol consumption, increased retroperitoneal fat pad weight, increased systemic arterial systolic blood pressure, polyphagia, increased total body fat amount, hyperactivity elicited by ethanol administration, increased alcohol consumption, abnormal response/metabolism to endogenous compounds, adipose tissue phenotype, increased fat cell size, increased renal fat pad weight, increased physiological sensitivity to xenobiotic, increased inguinal fat pad weight, abnormal operant conditioning behavior, homeostasis/metabolism phenotype, abnormal behavior, impaired glucose tolerance, impaired conditioned place preference behavior, abnormal neuron physiology, increased circulating leptin level, increased body weight

Affected Gene: Pomc

Genomic Alteration: tm1Low

Catalog Number: 3814213

Background: B6.129S2-Pomc

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12697680](#), [PMID:9726280](#), [PMID:17467916](#), [PMID:16887279](#)

Organism Name: Pomc^{tm1Low}/Pomc^{tm1Low}

Record Creation Time: 20240120T190411+0000

Record Last Update: 20240130T201903+0000

Ratings and Alerts

No rating or validation information has been found for Pomc^{tm1Low}/Pomc^{tm1Low}.

No alerts have been found for Pomc^{tm1Low}/Pomc^{tm1Low}.

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.