

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

[Gpat3^{tm1Reg}/Gpat3^{tm1Reg}](#)

RRID:MGI:5754810

Type: Organism

Proper Citation

RRID:MGI:5754810

Organism Information

URL:

Proper Citation: RRID:MGI:5754810

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

Species: Mus musculus

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

Phenotype: behavior/neurological phenotype, decreased total fat pad weight, increased carbon dioxide production, improved glucose tolerance, decreased circulating cholesterol level, hyperactivity, increased energy expenditure, homeostasis/metabolism phenotype, decreased total body fat amount, increased circulating aspartate transaminase level, decreased susceptibility to diet-induced obesity, increased oxygen consumption, increased liver weight, increased circulating alanine transaminase level, increased liver cholesterol level, increased circulating cholesterol level, decreased brown adipose tissue amount, decreased circulating glucose level

Affected Gene: Gpat3

Genomic Alteration: tm1Reg

Catalog Number: 5754810

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24714397](#)

Organism Name: Gpat3^{tm1Reg}/Gpat3^{tm1Reg}

Record Creation Time: 20240120T185922+0000

Record Last Update: 20240130T201613+0000

Ratings and Alerts

No rating or validation information has been found for Gpat3^{tm1Reg}/Gpat3^{tm1Reg}.

No alerts have been found for Gpat3^{tm1Reg}/Gpat3^{tm1Reg}.

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.