

# Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

## [Gpat3<sup>tm1Reg</sup>/Gpat3<sup>tm1Reg</sup>](#)

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<sup>tm1Reg</sup>/Gpat3<sup>tm1Reg</sup>

**Record Creation Time:** 20240120T185922+0000

**Record Last Update:** 20240130T201613+0000

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## Ratings and Alerts

No rating or validation information has been found for Gpat3<sup>tm1Reg</sup>/Gpat3<sup>tm1Reg</sup>.

No alerts have been found for Gpat3<sup>tm1Reg</sup>/Gpat3<sup>tm1Reg</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.