

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 3, 2026

[Gnmt^{tm1Ymac}/Gnmt^{tm1Ymac}](#)

RRID:MGI:3842683

Type: Organism

Proper Citation

RRID:MGI:3842683

Organism Information

URL:

Proper Citation: RRID:MGI:3842683

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

Species: Mus musculus

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

Phenotype: enlarged liver sinusoidal spaces, liver degeneration, increased hepatic hemangioma incidence, increased circulating methionine level, abnormal liver morphology, decreased circulating glucose level, decreased leukocyte cell number, decreased monocyte cell number, decreased neutrophil cell number, increased hepatocellular carcinoma incidence, hepatic steatosis, increased circulating alanine transaminase level, enlarged liver, hepatic necrosis, increased circulating cholesterol level, increased liver glycogen level, increased liver weight, increased circulating alanine transaminase level

Affected Gene: Gnmt

Genomic Alteration: tm1Ymac

Catalog Number: 3842683

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17937387](#), [PMID:19035462](#)

Organism Name: Gnmt^{tm1Ymac}/Gnmt^{tm1Ymac}

Record Creation Time: 20240120T190343+0000

Record Last Update: 20240130T201847+0000

Ratings and Alerts

No rating or validation information has been found for Gnmt^{tm1Ymac}/Gnmt^{tm1Ymac}.

No alerts have been found for Gnmt^{tm1Ymac}/Gnmt^{tm1Ymac}.

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.