

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Mgat4a^{tm1.1Jxm}/Mgat4a^{tm1.1Jxm}](#)

RRID:MGI:3701357

Type: Organism

Proper Citation

RRID:MGI:3701357

Organism Information

URL:

Proper Citation: RRID:MGI:3701357

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

Species: Mus musculus

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

Phenotype: increased circulating free fatty acid level, decreased circulating insulin level, increased circulating triglyceride level, increased susceptibility to weight gain, impaired glucose tolerance, decreased cellular glucose uptake, increased circulating glucose level, insulin resistance, abnormal blood homeostasis, hyperglycemia, hepatic steatosis, abnormal circulating insulin level

Affected Gene: Mgat4a

Genomic Alteration: tm1.1Jxm

Catalog Number: 3701357

Background: B6.Cg-Mgat4a

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16377570](#)

Organism Name: Mgat4a^{tm1.1Jxm}/Mgat4a^{tm1.1Jxm}

Record Creation Time: 20240120T190528+0000

Record Last Update: 20240130T201946+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Mgat4a}^{\text{tm1.1Jxm}}/\text{Mgat4a}^{\text{tm1.1Jxm}}$.

No alerts have been found for $\text{Mgat4a}^{\text{tm1.1Jxm}}/\text{Mgat4a}^{\text{tm1.1Jxm}}$.

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.