

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

[Gulo^{tm1Mae}/Gulo^{tm1Mae}](#)

RRID:MGI:3583115

Type: Organism

Proper Citation

RRID:MGI:3583115

Organism Information

URL:

Proper Citation: RRID:MGI:3583115

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

Species: Mus musculus

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

Phenotype: abnormal vitamin C level, decreased hematocrit, decreased circulating HDL cholesterol level, increased vascular permeability, abnormal aorta smooth muscle morphology, abnormal aorta endothelium morphology, abnormal aorta elastic tissue morphology, postnatal growth retardation, increased circulating cholesterol level, decreased mean corpuscular hemoglobin, weight loss, decreased erythrocyte cell number, anemia, premature death, hemorrhage, gastrointestinal hemorrhage

Affected Gene: Gulo

Genomic Alteration: tm1Mae

Catalog Number: 3583115

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10639167](#)

Organism Name: Gulo^{tm1Mae}/Gulo^{tm1Mae}

Record Creation Time: 20240120T190626+0000

Record Last Update: 20240130T202020+0000

Ratings and Alerts

No rating or validation information has been found for Gulo^{tm1Mae}/Gulo^{tm1Mae}.

No alerts have been found for Gulo^{tm1Mae}/Gulo^{tm1Mae}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Huff TC, et al. (2021) Vitamin C regulates Schwann cell myelination by promoting DNA demethylation of pro-myelinating genes. Journal of neurochemistry, 157(6), 1759.