

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

[Dgat1^{tm1Far}/Dgat1^{tm1Far}](#)

RRID:MGI:3622547

Type: Organism

Proper Citation

RRID:MGI:3622547

Organism Information

URL:

Proper Citation: RRID:MGI:3622547

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

Species: Mus musculus

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

Phenotype: decreased susceptibility to hepatic steatosis, hyperactivity, decreased susceptibility to diet-induced obesity, increased insulin sensitivity, lactation failure, sparse hair, abnormal skin condition, reddish skin, scaly skin, abnormal hair cycle, abnormal hair cycle anagen phase, abnormal vitamin A level, abnormal hair shedding, alopecia, abnormal coat/ hair morphology, epidermal hyperplasia, thick epidermis, abnormal epidermal layer morphology, skin lesions, decreased body weight, decreased liver cholesterol level, decreased circulating glucose level, decreased circulating leptin level, decreased percent body fat/body weight, decreased liver triglyceride level, improved glucose tolerance, increased oxygen consumption

Affected Gene: Dgat1

Genomic Alteration: tm1Far

Catalog Number: 3622547

Background: involves: 129S4/SvJae * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10802663](#), [PMID:16595853](#), [PMID:19028692](#)

Organism Name: Dgat1^{tm1Far}/Dgat1^{tm1Far}

Record Creation Time: 20240120T190600+0000

Record Last Update: 20240130T202005+0000

Ratings and Alerts

No rating or validation information has been found for Dgat1^{tm1Far}/Dgat1^{tm1Far}.

No alerts have been found for Dgat1^{tm1Far}/Dgat1^{tm1Far}.

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.