

# Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

## [Dgat1<sup>tm1Far</sup>/Dgat1<sup>tm1Far</sup>](#)

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<sup>tm1Far</sup>/Dgat1<sup>tm1Far</sup>

**Record Creation Time:** 20240120T190600+0000

**Record Last Update:** 20240130T202005+0000

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## Ratings and Alerts

No rating or validation information has been found for Dgat1<sup>tm1Far</sup>/Dgat1<sup>tm1Far</sup>.

No alerts have been found for Dgat1<sup>tm1Far</sup>/Dgat1<sup>tm1Far</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.