

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

[Fat1](#)[Gt\(KST249\)Byg](#)/[Fat1](#)[Gt\(KST249\)Byg](#); [Tg\(Myl1-lacZ\)1lbdml](#)

RRID:MGI:5524134

Type: Organism

Proper Citation

RRID:MGI:5524134

Organism Information

URL:

Proper Citation: RRID:MGI:5524134

Description: Allele Detail: Gene trapped, Transgenic This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped, Transgenic This is a legacy resource.

Phenotype: skeletal muscle fiber necrosis, skeleton phenotype, weight loss, abnormal muscle development, lymphangiectasis, ectopic skeletal muscle, abnormal neuromuscular synapse morphology, abnormal posture, abnormal retinal vasculature morphology, abnormal skeletal muscle morphology, aniridia, decreased skeletal muscle fiber diameter, decreased skeletal muscle mass, impaired coordination, kidney cysts, kyphosis, microphthalmia, myositis, premature death, retina microaneurysm, retinal detachment, skeletal muscle atrophy

Affected Gene: Fat1

Genomic Alteration: Tg(Myl1-lacZ)1lbdml, Gt(KST249)Byg

Catalog Number: 5524134

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23785297](#)

Organism Name: Fat1^{Gt(KST249)Byg}/Fat1^{Gt(KST249)Byg}; Tg(MyI1-lacZ)1Ibdml

Record Creation Time: 20240120T190103+0000

Record Last Update: 20240130T201715+0000

Ratings and Alerts

No rating or validation information has been found for Fat1^{Gt(KST249)Byg}/Fat1^{Gt(KST249)Byg}; Tg(MyI1-lacZ)1Ibdml.

No alerts have been found for Fat1^{Gt(KST249)Byg}/Fat1^{Gt(KST249)Byg}; Tg(MyI1-lacZ)1Ibdml.

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.