

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

[Acta1^{tm1Jll}/Acta1^{tm1Jll}](#)

RRID:MGI:2447327

Type: Organism

Proper Citation

RRID:MGI:2447327

Organism Information

URL:

Proper Citation: RRID:MGI:2447327

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

Species: Mus musculus

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

Phenotype: abnormal muscle development, decreased body size, decreased skeletal muscle glycogen level, muscle weakness, decreased glycogen level, abnormal skeletal muscle fiber morphology, decreased skeletal muscle fiber diameter, decreased liver glycogen level, postnatal lethality, complete penetrance, decreased body weight, decreased brown adipose tissue amount, abnormal muscle physiology, scoliosis

Affected Gene: Acta1

Genomic Alteration: tm1Jll

Catalog Number: 2447327

Background: involves: 129P2/OlaHsd * Black Swiss

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12138199](#)

Organism Name: Acta1^{tm1Jll}/Acta1^{tm1Jll}

Record Creation Time: 20240120T190746+0000

Record Last Update: 20240130T202106+0000

Ratings and Alerts

No rating or validation information has been found for Acta1^{tm1Jll}/Acta1^{tm1Jll}.

No alerts have been found for Acta1^{tm1Jll}/Acta1^{tm1Jll}.

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.