

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 2, 2026

## [Acta1<sup>tm1Jll</sup>/Acta1<sup>tm1Jll</sup>](#)

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<sup>tm1Jll</sup>/Acta1<sup>tm1Jll</sup>

**Record Creation Time:** 20240120T190746+0000

**Record Last Update:** 20240130T202106+0000

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## Ratings and Alerts

No rating or validation information has been found for Acta1<sup>tm1Jll</sup>/Acta1<sup>tm1Jll</sup>.

No alerts have been found for Acta1<sup>tm1Jll</sup>/Acta1<sup>tm1Jll</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.