

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

[Smn1^{tm1Jme}/Smn1^{tm1.1Jme}; Tg\(ACTA1-cre\)79Jme](#)

RRID:MGI:3721894

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3721894

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

Species: Mus musculus

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

Phenotype: increased circulating creatine kinase level, premature death, skeletal muscle necrosis, abnormal limb posture, increased variability of skeletal muscle fiber size, kyphosis, abnormal skeletal muscle fiber morphology, nervous system phenotype, paralysis, abnormal locomotor behavior, abnormal muscle physiology, centrally nucleated skeletal muscle fibers

Affected Gene: Smn1

Genomic Alteration: tm1.1Jme, tm1Jme, Tg(ACTA1-cre)79Jme

Catalog Number: 3721894

Background: involves: 129 * C57BL/6J * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11238465](#)

Organism Name: Smn1^{tm1Jme}/Smn1^{tm1.1Jme}; Tg(ACTA1-cre)79Jme

Record Creation Time: 20240120T190503+0000

Record Last Update: 20240130T201932+0000

Ratings and Alerts

No rating or validation information has been found for Smn1^{tm1Jme}/Smn1^{tm1.1Jme}; Tg(ACTA1-cre)79Jme.

No alerts have been found for Smn1^{tm1Jme}/Smn1^{tm1.1Jme}; Tg(ACTA1-cre)79Jme.

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.