Resource Summary Report

Generated by nidm-terms on Jul 31, 2026

Mtor$^{tm1.2Koz}$/Mtor$^{tm1.2Koz}$; Tg(ACTA1-cre)79Jme

RRID:MGI:4849944
Type: Organism

Proper Citation

RRID:MGI:4849944

Organism Information

URL:

Proper Citation: RRID:MGI:4849944

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

Species: Mus musculus

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

Phenotype: abnormal tibialis anterior morphology, decreased oxygen consumption, abnormal muscle contractility, abnormal muscle physiology, abnormal muscle relaxation, abnormal oxygen consumption, muscle fatigue, increased skeletal muscle glycogen level, abnormal diaphragm morphology, abnormal muscle morphology, premature death, abnormal soleus morphology, abnormal hypaxial muscle morphology, decreased circulating glucose level, abnormal limb posture, abnormal respiration, abnormal gastrocnemius morphology, kyphosis, skeletal muscle degeneration, abnormal skeletal muscle fiber morphology, skeletal muscle fiber degeneration, decreased mitochondria number, decreased body weight, centrally nucleated skeletal muscle fibers, postnatal growth retardation

Affected Gene: Mtor

Genomic Alteration: Tg(ACTA1-cre)79Jme, tm1.2Koz

Catalog Number: 4849944

Background: involves: 129S4/SvJae * C57BL/6J * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:20008564

Organism Name: Mtor$^{tm1.2Koz}$/Mtor$^{tm1.2Koz}$; Tg(ACTA1-cre)79Jme

Record Creation Time: 20240120T190237+0000

Record Last Update: 20240130T201810+0000

Ratings and Alerts

No rating or validation information has been found for Mtor$^{tm1.2Koz}$/Mtor$^{tm1.2Koz}$; Tg(ACTA1-cre)79Jme.

No alerts have been found for Mtor$^{tm1.2Koz}$/Mtor$^{tm1.2Koz}$; 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.