

Resource Summary Report

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

Mtm1^{tm1.1Jman}

RRID:MGI:2451017

Type: Organism

Proper Citation

RRID:MGI:2451017

Organism Information

URL:

Proper Citation: RRID:MGI:2451017

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

Species: Mus musculus

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

Phenotype: abnormal physical strength, kyphosis, premature death, hindlimb paralysis, myopathy, abnormal muscle physiology, muscular atrophy, premature death, progressive muscle weakness, perinatal lethality, incomplete penetrance, respiratory distress, abnormal motor capabilities/coordination/movement, postnatal growth retardation, skeletal muscle atrophy, abnormal skeletal muscle fiber morphology, hypoactivity, progressive muscle weakness, decreased vertical activity, decreased gastrocnemius weight, decreased grip strength, cachexia

Affected Gene: Mtm1

Genomic Alteration: tm1.1Jman

Catalog Number: 2451017

Background: involves: 129T1/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12391329](#), [PMID:22068590](#)

Organism Name: Mtm1^{tm1.1Jman}

Record Creation Time: 20240120T190744+0000

Record Last Update: 20240130T202105+0000

Ratings and Alerts

No rating or validation information has been found for Mtm1^{tm1.1Jman}.

No alerts have been found for Mtm1^{tm1.1Jman}.

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.