

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[Scn4a^{m1Aaa}/Scn4a⁺](#)

RRID:MGI:5614553

Type: Organism

Proper Citation

RRID:MGI:5614553

Organism Information

URL:

Proper Citation: RRID:MGI:5614553

Description: Allele Detail: Chemically induced (ENU) This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Chemically induced (ENU) This is a legacy resource.

Phenotype: abnormal muscle physiology, impaired coordination, decreased circulating leptin level, improved glucose tolerance, increased energy expenditure, slow postnatal weight gain, increased skeletal muscle fiber size, centrally nucleated skeletal muscle fibers, abnormal muscle morphology, abnormal muscle fiber morphology, muscle fatigue, muscle twitch, impaired muscle relaxation, impaired skeletal muscle contractility, abnormal muscle electrophysiology, abnormal grip strength, akinesia, mortality/aging

Affected Gene: Scn4a

Genomic Alteration: m1Aaa

Catalog Number: 5614553

Background: involves: BALB/c * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25348630](#)

Organism Name: Scn4a^{m1Aaa}/Scn4a⁺

Record Creation Time: 20240120T190035+0000

Record Last Update: 20240130T201659+0000

Ratings and Alerts

No rating or validation information has been found for Scn4a^{m1Aaa}/Scn4a⁺.

No alerts have been found for Scn4a^{m1Aaa}/Scn4a⁺.

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.