

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Chat^{tm1Mlt}/Chat^{tm1Mlt}; Tg\(SLC18A3-cre\)KMisa](#)

RRID:MGI:5585431

Type: Organism

Proper Citation

RRID:MGI:5585431

Organism Information

URL:

Proper Citation: RRID:MGI:5585431

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

Species: Mus musculus

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

Phenotype: decreased body weight, muscular atrophy, skeletal muscle endomysial fibrosis, abnormal habituation to a new environment, hypoactivity, tremors, kyphosis, abnormal tail morphology, nervous system phenotype, abnormal gait, premature death, decreased vertical activity, abnormal soleus morphology, muscle weakness, abnormal gastrocnemius morphology, skeletal muscle fibrosis, abnormal muscle morphology, tail dragging, corneal opacity, rectal prolapse

Affected Gene: Chat

Genomic Alteration: Tg(SLC18A3-cre)KMisa, tm1Mlt

Catalog Number: 5585431

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24486622](#)

Organism Name: Chat^{tm1Mlt}/Chat^{tm1Mlt}; Tg(SLC18A3-cre)KMisa

Record Creation Time: 20240120T190041+0000

Record Last Update: 20240130T201702+0000

Ratings and Alerts

No rating or validation information has been found for Chat^{tm1Mlt}/Chat^{tm1Mlt}; Tg(SLC18A3-cre)KMisa.

No alerts have been found for Chat^{tm1Mlt}/Chat^{tm1Mlt}; Tg(SLC18A3-cre)KMisa.

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.