

# Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

## [Chat<sup>tm1Mlt</sup>/Chat<sup>tm1Mlt</sup>; 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<sup>tm1Mlt</sup>/Chat<sup>tm1Mlt</sup>; 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<sup>tm1Mlt</sup>/Chat<sup>tm1Mlt</sup>; Tg(SLC18A3-cre)KMisa.

No alerts have been found for Chat<sup>tm1Mlt</sup>/Chat<sup>tm1Mlt</sup>; 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.