

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 30, 2026

Tg(Ckmm-Cav3)1Ysu

RRID:MGI:5286560

Type: Organism

Proper Citation

RRID:MGI:5286560

Organism Information

URL:

Proper Citation: RRID:MGI:5286560

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

Species: Mus musculus

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

Phenotype: kyphosis, skeletal muscle atrophy, postnatal growth retardation, myopathy, kyphosis, abnormal heart echocardiography feature, thick ventricular wall, hindlimb paralysis, abnormal myocardial fiber morphology, decreased body size, decreased heart left ventricle size, increased ventricle muscle contractility, increased heart weight, enlarged myocardial fiber, thick interventricular septum, postnatal growth retardation, increased variability of skeletal muscle fiber size, hindlimb paralysis, decreased body size, centrally nucleated skeletal muscle fibers, abnormal nitric oxide homeostasis, abnormal muscle physiology, skeletal muscle fiber degeneration

Genomic Alteration: Tg(Ckmm-Cav3)1Ysu

Catalog Number: 5286560

Background: involves: C57BL/Slc * DBA/Slc

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11159934](#), [PMID:14645200](#)

Organism Name: Tg(Ckmm-Cav3)1Ysu

Record Creation Time: 20240120T190211+0000

Record Last Update: 20240130T201756+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Ckmm-Cav3)1Ysu.

No alerts have been found for Tg(Ckmm-Cav3)1Ysu.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Shin A, et al. (2018) Nodding behavior couples to vigilance fluctuation in a high-calorie diet model of drowsiness. Molecular brain, 11(1), 33.