

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 7, 2026

Tg(Ckm-Prkaa2*K45R)1Mbb

RRID:MGI:3639285

Type: Organism

Proper Citation

RRID:MGI:3639285

Organism Information

URL:

Proper Citation: RRID:MGI:3639285

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

Species: Mus musculus

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

Phenotype: abnormal muscle physiology, altered response to myocardial infarction, decreased ventricle muscle contractility, small heart, abnormal myocardial fiber morphology, impaired exercise endurance, abnormal circulating glucose level

Genomic Alteration: Tg(Ckm-Prkaa2*K45R)1Mbb

Catalog Number: 3639285

Background: involves: C57BL/6J * SJL/J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11389854](#), [PMID:15314686](#)

Organism Name: Tg(Ckm-Prkaa2*K45R)1Mbb

Record Creation Time: 20240120T190552+0000

Record Last Update: 20240130T202046+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Ckm-Prkaa2*K45R)1Mbb.

No alerts have been found for Tg(Ckm-Prkaa2*K45R)1Mbb.

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.