

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

Tg(Camk2a-tTA)1Mmay; Tg(tetO-SNCA*A53T)E2Cai

RRID:MGI:4421003

Type: Organism

Proper Citation

RRID:MGI:4421003

Organism Information

URL:

Proper Citation: RRID:MGI:4421003

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

Species: Mus musculus

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

Phenotype: microgliosis, alpha-synuclein inclusion body, neurodegeneration, increased vertical activity, abnormal striatum morphology, decreased body weight, abnormal nervous system morphology, abnormal mitochondrion morphology, abnormal nervous system physiology, astrogliosis, hyperactivity, abnormal neuron morphology, abnormal locomotor activation, abnormal cerebral cortex morphology

Affected Gene: Tg(Camk2a-tTA)1Mmay

Genomic Alteration: Tg(Camk2a-tTA)1Mmay, Tg(tetO-SNCA*A53T)E2Cai

Catalog Number: 4421003

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20064389](#)

Organism Name: Tg(Camk2a-tTA)1Mmay; Tg(tetO-SNCA*A53T)E2Cai

Record Creation Time: 20240120T190310+0000

Record Last Update: 20240130T201827+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Camk2a-tTA)1Mmay; Tg(tetO-SNCA*A53T)E2Cai.

No alerts have been found for Tg(Camk2a-tTA)1Mmay; Tg(tetO-SNCA*A53T)E2Cai.

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.