

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

Tg(tetO-SNCA*A53T)E2Cai; Tg(Camk2a-tTA)1Mmay; Tg(tetO-LRRK2*G2019S)E3Cai

RRID:MGI:4421000

Type: Organism

Proper Citation

RRID:MGI:4421000

Organism Information

URL:

Proper Citation: RRID:MGI:4421000

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

Species: Mus musculus

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

Phenotype: abnormal nervous system morphology, abnormal mitochondrion morphology, astrocytosis, abnormal dorsal striatum morphology, abnormal neuron morphology, alpha-synuclein inclusion body, neurodegeneration, microgliosis

Affected Gene: Tg(Camk2a-tTA)1Mmay

Genomic Alteration: Tg(Camk2a-tTA)1Mmay, Tg(tetO-SNCA*A53T)E2Cai, Tg(tetO-LRRK2*G2019S)E3Cai

Catalog Number: 4421000

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(tetO-SNCA*A53T)E2Cai; Tg(Camk2a-tTA)1Mmay; Tg(tetO-LRRK2*G2019S)E3Cai

Record Creation Time: 20240120T190310+0000

Record Last Update: 20240130T201827+0000

Ratings and Alerts

No rating or validation information has been found for Tg(tetO-SNCA*A53T)E2Cai; Tg(Camk2a-tTA)1Mmay; Tg(tetO-LRRK2*G2019S)E3Cai.

No alerts have been found for Tg(tetO-SNCA*A53T)E2Cai; Tg(Camk2a-tTA)1Mmay; Tg(tetO-LRRK2*G2019S)E3Cai.

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.