

# Resource Summary Report

Generated by [NIF](#) on Aug 4, 2026

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

RRID:MGI:4421003

Type: Organism

### Proper Citation

RRID:MGI:4421003

### Organism Information

**URL:**

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**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

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## 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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.