

Resource Summary Report

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

Tg(Camk2a-tTA)1Mmay; Tg(tetO-MAPT*K280/-luc)#Eman

RRID:MGI:5554193

Type: Organism

Proper Citation

RRID:MGI:5554193

Organism Information

URL:

Proper Citation: RRID:MGI:5554193

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

Species: Mus musculus

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

Phenotype: neurofibrillary tangles, astrogliosis, abnormal neurite morphology, tau protein deposits, abnormal synapse morphology, neurofibrillary tangles, impaired passive avoidance behavior, astrogliosis, abnormal synapse morphology, impaired synaptic plasticity, neuron degeneration, neuron degeneration, decreased post-tetanic potentiation, reduced long term potentiation, tau protein deposits, impaired spatial learning, impaired coordination

Affected Gene: Tg(Camk2a-tTA)1Mmay

Genomic Alteration: Tg(Camk2a-tTA)1Mmay, Tg(tetO-MAPT*K280, -luc)#Eman

Catalog Number: 5554193

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21325519](#), [PMID:18199773](#)

Organism Name: Tg(Camk2a-tTA)1Mmay; Tg(tetO-MAPT*K280/-luc)#Eman

Record Creation Time: 20240120T190054+0000

Record Last Update: 20240130T201710+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Camk2a-tTA)1Mmay; Tg(tetO-MAPT*K280/-luc)#Eman.

No alerts have been found for Tg(Camk2a-tTA)1Mmay; Tg(tetO-MAPT*K280/-luc)#Eman.

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.