

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

[Tg\(tetO-MAPT*K280*I277P*I308P/-luc\)#Eman; Tg\(Camk2a-tTA\)1Mmay](#)

RRID:MGI:5554195

Type: Organism

Proper Citation

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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: impaired synaptic plasticity, nervous system phenotype, decreased post-tetanic potentiation, nervous system phenotype, abnormal paired-pulse facilitation

Affected Gene: Tg(Camk2a-tTA)1Mmay

Genomic Alteration: Tg(Camk2a-tTA)1Mmay, Tg(tetO-MAPT*K280*I277P*I308P, -luc)#Eman

Catalog Number: 5554195

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(tetO-MAPT*K280*I277P*I308P/-luc)#Eman; Tg(Camk2a-tTA)1Mmay

Record Creation Time: 20240120T190054+0000

Record Last Update: 20240130T201710+0000

Ratings and Alerts

No rating or validation information has been found for Tg(tetO-MAPT*K280*I277P*I308P/-luc)#Eman; Tg(Camk2a-tTA)1Mmay.

No alerts have been found for Tg(tetO-MAPT*K280*I277P*I308P/-luc)#Eman; Tg(Camk2a-tTA)1Mmay.

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.