

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 17, 2025

[Mef2a^{tm1.1Limm}/Mef2a^{tm1.1Limm}; Mef2d^{tm3Eno}/Mef2d^{tm3Eno}; Tg\(GFAP-cre\)25Mes](#)

RRID:MGI:5560659

Type: Organism

Proper Citation

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Organism Information

URL:

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

Species: Mus musculus

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

Phenotype: enhanced paired-pulse facilitation, impaired coordination, behavior/neurological phenotype, nervous system phenotype

Affected Gene: Mef2d, Mef2a

Genomic Alteration: tm1.1Limm, Tg(GFAP-cre)25Mes, tm3Eno

Catalog Number: 5560659

Background: involves: 129S/SvEv * C57BL/6 * FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22496871](#)

Organism Name: Mef2a^{tm1.1Limm}/Mef2a^{tm1.1Limm}; Mef2d^{tm3Eno}/Mef2d^{tm3Eno}; Tg(GFAP-cre)25Mes

Record Creation Time: 20240120T190051+0000

Record Last Update: 20240130T201709+0000

Ratings and Alerts

No rating or validation information has been found for Mef2a^{tm1.1Limm}/Mef2a^{tm1.1Limm}; Mef2d^{tm3Eno}/Mef2d^{tm3Eno}; Tg(GFAP-cre)25Mes.

No alerts have been found for Mef2a^{tm1.1Limm}/Mef2a^{tm1.1Limm}; Mef2d^{tm3Eno}/Mef2d^{tm3Eno}; Tg(GFAP-cre)25Mes.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Chang CW, et al. (2017) Distinct stages of synapse elimination are induced by burst firing of CA1 neurons and differentially require MEF2A/D. eLife, 6.