

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

[Cit^{tm1Fdc}/Cit^{tm1Fdc}](#)

RRID:MGI:2663242

Type: Organism

Proper Citation

RRID:MGI:2663242

Organism Information

URL:

Proper Citation: RRID:MGI:2663242

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

Species: Mus musculus

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

Phenotype: decreased midbrain size, abnormal diencephalon morphology, abnormal hippocampus morphology, reproductive system phenotype, abnormal spermatogonia proliferation, myoclonus, small olfactory bulb, abnormal cerebellum morphology, abnormal dentate gyrus morphology, abnormal olfactory bulb morphology, postnatal lethality, complete penetrance, small cerebellum, tremors, abnormal cerebellum lobule morphology, thin cerebellar granule layer, abnormal cerebellar Purkinje cell layer, abnormal gait, decreased body weight, ataxia, increased susceptibility to pharmacologically induced seizures, abnormal male germ cell apoptosis, increased neuron apoptosis, decreased male germ cell number, decreased brain weight, abnormal cerebral hemisphere morphology

Affected Gene: Cit

Genomic Alteration: tm1Fdc

Catalog Number: 2663242

Background: either: (involves: 129S1/Sv * 129X1/SvJ) or (involves: 129S1/Sv * 129X1/SvJ * C57BL/6)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11086988](#), [PMID:12432070](#)

Organism Name: C^{tm1Fdc}/C^{tm1Fdc}

Record Creation Time: 20240120T190735+0000

Record Last Update: 20240130T202059+0000

Ratings and Alerts

No rating or validation information has been found for C^{tm1Fdc}/C^{tm1Fdc}.

No alerts have been found for C^{tm1Fdc}/C^{tm1Fdc}.

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.