

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

[Mfn2^{tm1Dcc}/Mfn2^{tm1Dcc}](#)

RRID:MGI:3578770

Type: Organism

Proper Citation

RRID:MGI:3578770

Organism Information

URL:

Proper Citation: RRID:MGI:3578770

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

Species: Mus musculus

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

Phenotype: decreased embryo size, decreased trophoblast giant cell number, abnormal mitochondrion morphology, embryonic lethality during organogenesis, incomplete penetrance, abnormal mitochondrial physiology, abnormal trophoblast layer morphology

Affected Gene: Mfn2

Genomic Alteration: tm1Dcc

Catalog Number: 3578770

Background: involves: 129S/SvEv

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12527753](#)

Organism Name: Mfn2^{tm1Dcc}/Mfn2^{tm1Dcc}

Record Creation Time: 20240120T190632+0000

Record Last Update: 20240130T202023+0000

Ratings and Alerts

No rating or validation information has been found for Mfn2^{tm1Dcc}/Mfn2^{tm1Dcc}.

No alerts have been found for Mfn2^{tm1Dcc}/Mfn2^{tm1Dcc}.

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.