

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

[Tfam^{tm1Lrsn}/Tfam^{tm1Lrsn}; Tg\(Ckmm-cre\)1Lrsn](#)

RRID:MGI:2177634

Type: Organism

Proper Citation

RRID:MGI:2177634

Organism Information

URL:

Proper Citation: RRID:MGI:2177634

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

Species: Mus musculus

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

Phenotype: postnatal growth retardation, increased physiological sensitivity to xenobiotic, dilated cardiomyopathy, abnormal respiratory electron transport chain, abnormal enzyme/coenzyme level, increased cardiomyocyte apoptosis, increased glutathione peroxidase activity, postnatal lethality, complete penetrance, bradykinesia, enlarged heart, dilated heart left ventricle, increased heart weight, abnormal blood flow velocity, abnormal cardiovascular system physiology

Affected Gene: Tfam, Tg(Ckmm-cre)1Lrsn

Genomic Alteration: tm1Lrsn, Tg(Ckmm-cre)1Lrsn

Catalog Number: 2177634

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9916807](#), [PMID:11259653](#)

Organism Name: Tfam^{tm1Lrsn}/Tfam^{tm1Lrsn}; Tg(Ckmm-cre)1Lrsn

Record Creation Time: 20240120T190751+0000

Record Last Update: 20240130T202109+0000

Ratings and Alerts

No rating or validation information has been found for $Tfam^{tm1Lrsn}/Tfam^{tm1Lrsn}; Tg(Ckmm-cre)1Lrsn$.

No alerts have been found for $Tfam^{tm1Lrsn}/Tfam^{tm1Lrsn}; Tg(Ckmm-cre)1Lrsn$.

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 [NIF](#).

K??hl I, et al. (2017) Transcriptomic and proteomic landscape of mitochondrial dysfunction reveals secondary coenzyme Q deficiency in mammals. eLife, 6.