

# Resource Summary Report

Generated by [dkNET](#) on Sep 9, 2026

## [Tfam<sup>tm1.1Lrsn</sup>/Tfam<sup>tm1.1Lrsn</sup>](#)

RRID:MGI:2177633

Type: Organism

### Proper Citation

RRID:MGI:2177633

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:2177633

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

**Species:** Mus musculus

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

**Phenotype:** increased apoptosis, disorganized mitochondrial cristae, absent optic nerve, decreased body size, embryonic lethality during organogenesis, complete penetrance, increased mitochondria size, abnormal mitochondrial ATP synthesis coupled electron transport, abnormal nervous system physiology, abnormal heart development, decreased mitochondrial DNA content, abnormal somite development

**Affected Gene:** Tfam

**Genomic Alteration:** tm1.1Lrsn

**Catalog Number:** 2177633

**Background:** involves: 129S1/Sv \* 129X1/SvJ \* FVB/N

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:11259653](#), [PMID:9500544](#)

**Organism Name:** Tfam<sup>tm1.1Lrsn</sup>/Tfam<sup>tm1.1Lrsn</sup>

**Record Creation Time:** 20240120T190751+0000

**Record Last Update:** 20240130T202109+0000

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## Ratings and Alerts

No rating or validation information has been found for  $Tfam^{tm1.1Lrsn}/Tfam^{tm1.1Lrsn}$ .

No alerts have been found for  $Tfam^{tm1.1Lrsn}/Tfam^{tm1.1Lrsn}$ .

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#).

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