

Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

[Myl1^{tm1\(cre\)Sjb}/Myl1⁺](#); [Tfam^{tm1Lrsn}/Tfam^{tm1Lrsn}](#)

RRID:MGI:2450161

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:2450161

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

Species: Mus musculus

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

Phenotype: impaired skeletal muscle contractility, increased skeletal muscle fiber size, premature death, bradykinesia, weight loss, abnormal respiratory electron transport chain

Affected Gene: Tfam, Myl1

Genomic Alteration: tm1Lrsn, tm1(cre)Sjb

Catalog Number: 2450161

Background: 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:12417746](#)

Organism Name: Myl1^{tm1(cre)Sjb}/Myl1⁺; Tfam^{tm1Lrsn}/Tfam^{tm1Lrsn}

Record Creation Time: 20240120T190745+0000

Record Last Update: 20240130T202105+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Myl1}^{\text{tm1}(\text{cre})\text{Sjb}/\text{Myl1}^+}; \text{Tfam}^{\text{tm1Lrsn}}/\text{Tfam}^{\text{tm1Lrsn}}$.

No alerts have been found for $\text{Myl1}^{\text{tm1}(\text{cre})\text{Sjb}/\text{Myl1}^+}; \text{Tfam}^{\text{tm1Lrsn}}/\text{Tfam}^{\text{tm1Lrsn}}$.

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.