

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

[Fth1^{tm1Lck}/Fth1^{tm1Lck}](#)

RRID:MGI:4848039

Type: Organism

Proper Citation

RRID:MGI:4848039

Organism Information

URL:

Proper Citation: RRID:MGI:4848039

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

Species: Mus musculus

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

Phenotype: abnormal mitochondrial physiology, increased sensitivity to induced cell death, abnormal cell physiology

Affected Gene: Fth1

Genomic Alteration: tm1Lck

Catalog Number: 4848039

Background: involves: 129/Sv * C57BL/6 * FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19492434](#)

Organism Name: Fth1^{tm1Lck}/Fth1^{tm1Lck}

Record Creation Time: 20240120T190237+0000

Record Last Update: 20240130T201849+0000

Ratings and Alerts

No rating or validation information has been found for Fth1^{tm1Lck}/Fth1^{tm1Lck}.

No alerts have been found for Fth1^{tm1Lck}/Fth1^{tm1Lck}.

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](#) .

Mukherjee C, et al. (2020) Oligodendrocytes Provide Antioxidant Defense Function for Neurons by Secreting Ferritin Heavy Chain. Cell metabolism, 32(2), 259.