

Resource Summary Report

Generated by [kravitz2](#) on Sep 19, 2026

C57BL/6JGpt-Mfn2^{em1Cflox}/Gpt

RRID:IMSR_GPT:T007891

Type: Organism

Proper Citation

RRID:IMSR_GPT:T007891

Organism Information

URL: https://en.gempharmatech.com/product/details100035_3693641.html

Proper Citation: RRID:IMSR_GPT:T007891

Description: Mus musculus with name C57BL/6JGpt-Mfn2^{em1Cflox}/Gpt from IMSR.

Species: Mus musculus

Notes: gene symbol note: mitofusin 2; coisogenic strain: Mfn2

Affected Gene: mitofusin 2

Catalog Number: GPT:T007891

Database: GemPharmatech

Database Abbreviation: GPT

Availability: sperm

Organism Name: C57BL/6JGpt-Mfn2^{em1Cflox}/Gpt

Record Creation Time: 20250513T053952+0000

Record Last Update: 20260919T055137+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6JGpt-Mfn2^{em1Cflox}/Gpt.

No alerts have been found for C57BL/6JGpt-Mfn2^{em1Cflox}/Gpt.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: GemPharmatech

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Che Y, et al. (2023) Bile acids target mitofusin 2 to differentially regulate innate immunity in physiological versus cholestatic conditions. Cell reports, 42(1), 112011.

Yang JF, et al. (2023) Mitochondria-ER contact mediated by MFN2-SERCA2 interaction supports CD8+ T cell metabolic fitness and function in tumors. Science immunology, 8(87), eabq2424.