

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

C57BL/6-Tmem119^{em2Gfng}/J

RRID:IMSR_JAX:031823

Type: Organism

Proper Citation

RRID:IMSR_JAX:031823

Organism Information

URL: <https://www.jax.org/strain/031823>

Proper Citation: RRID:IMSR_JAX:031823

Description: Mus musculus with name C57BL/6-Tmem119^{em2Gfng}/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Tmem119/J

Notes: gene symbol note: transmembrane protein 119; coisogenic strain|mutant strain: Tmem119

Affected Gene: transmembrane protein 119

Genomic Alteration: endonuclease-mediated mutation 2; Guoping Feng

Catalog Number: JAX:031823

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C57BL/6-Tmem119^{em2Gfng}/J

Record Creation Time: 20250513T053824+0000

Record Last Update: 20260919T055008+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tmem119^{em2Gfng}/J.

No alerts have been found for C57BL/6-Tmem119^{em2Gfng}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Arizanovska D, et al. (2026) Cognitive loss after brain trauma results from sex-specific activation of synaptic pruning processes. *Brain : a journal of neurology*, 149(3), 918.

Feichtenbiner AB, et al. (2025) Satellite microglia: marker of traumatic brain injury and regulator of neuronal excitability. *Journal of neuroinflammation*, 22(1), 9.

Passino R, et al. (2024) Neutrophil-inflicted vasculature damage suppresses immune-mediated optic nerve regeneration. *Cell reports*, 43(3), 113931.

Asghari Adib E, et al. (2024) DLK signaling in axotomized neurons triggers complement activation and loss of upstream synapses. *Cell reports*, 43(2), 113801.

Favuzzi E, et al. (2021) GABA-receptive microglia selectively sculpt developing inhibitory circuits. *Cell*, 184(15), 4048.