Resource Summary Report

Generated by kravitz2 on Jul 31, 2026

B6;129-Mcl1^{tm3Sjk}/J

RRID:IMSR_JAX:006088
Type: Organism

Proper Citation

RRID:IMSR_JAX:006088

Organism Information

URL: https://www.jax.org/strain/006088

Proper Citation: RRID:IMSR_JAX:006088

Description: Mus musculus with name B6;129-Mcl1^{tm3Sjk}/J from IMSR.

Species: Mus musculus

Synonyms: B6;129X1-Mcl1/J

Notes: gene symbol note: myeloid cell leukemia sequence 1; mutant stock: Mcl1

Affected Gene: myeloid cell leukemia sequence 1

Genomic Alteration: targeted mutation 3; Stanley J Korsmeyer

Catalog Number: JAX:006088

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129-Mcl1^{tm3Sjk}/J

Record Creation Time: 20250513T053654+0000

Record Last Update: 20260725T044405+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Mcl1^{tm3Sjk}/J.

No alerts have been found for B6;129-Mcl1^{tm3Sjk}/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Brown JA, et al. (2026) Gut microbiota promotes immune tolerance at the maternal-fetal interface. Cell, 189(1), 196.

Wright T, et al. (2024) Anti-apoptotic MCL-1 promotes long-chain fatty acid oxidation through interaction with ACSL1. Molecular cell.

Crespo M, et al. (2020) Neutrophil infiltration regulates clock-gene expression to organize daily hepatic metabolism. eLife, 9.

Escudero S, et al. (2018) Dynamic Regulation of Long-Chain Fatty Acid Oxidation by a Noncanonical Interaction between the MCL-1 BH3 Helix and VLCAD. Molecular cell, 69(5), 729.