Resource Summary Report

Generated by ASWG on Aug 12, 2026

B6.129-Bak1^{tm1Thsn}/J

RRID:IMSR_JAX:004183
Type: Organism

Proper Citation

RRID:IMSR_JAX:004183

Organism Information

URL: https://www.jax.org/strain/004183

Proper Citation: RRID:IMSR_JAX:004183

Description: Mus musculus with name B6.129-Bak1^{tm1Thsn}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: BCL2-antagonist/killer 1; mutant strain|congenic strain: Bak1

Affected Gene: BCL2-antagonist/killer 1

Genomic Alteration: targeted mutation 1; Craig B Thompson

Catalog Number: JAX:004183

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-Bak1^{tm1Thsn}/J

Record Creation Time: 20250513T053643+0000

Record Last Update: 20260808T050845+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Bak1^{tm1Thsn}/J.

No alerts have been found for B6.129-Bak1^{tm1Thsn}/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 ASWG .

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

Bogner C, et al. (2020) Allosteric Regulation of BH3 Proteins in Bcl-xL Complexes Enables Switch-like Activation of Bax. Molecular cell, 77(4), 901.

Ferdek PE, et al. (2017) BH3 mimetic-elicited Ca2+ signals in pancreatic acinar cells are dependent on Bax and can be reduced by Ca2+-like peptides. Cell death & disease, 8(3), e2640.

Duckworth CA, et al. (2015) bak deletion stimulates gastric epithelial proliferation and enhances Helicobacter felis-induced gastric atrophy and dysplasia in mice. American journal of physiology. Gastrointestinal and liver physiology, 309(6), G420.