Resource Summary Report

Generated by RRID on Aug 1, 2026

B6;129-Bax^{tm2Sjk} Bak1/J

RRID:IMSR_JAX:006329
Type: Organism

Proper Citation

RRID:IMSR_JAX:006329

Organism Information

URL: https://www.jax.org/strain/006329

Proper Citation: RRID:IMSR_JAX:006329

Description: Mus musculus with name B6;129-Bax^{tm2Sjk} Bak1/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: BCL2-antagonist/killer 1|BCL2-associated X protein; mutant stock: Bak1|Bax

Affected Gene: BCL2-antagonist/killer 1|BCL2-associated X protein

Genomic Alteration: targeted mutation 1; Craig B Thompson|targeted mutation 2; Stanley J Korsmeyer

Catalog Number: JAX:006329

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6;129-Bax^{tm2Sjk} Bak1/J

Record Creation Time: 20250513T053655+0000

Record Last Update: 20260801T050358+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Bax^{tm2Sjk} Bak1/J.

No alerts have been found for B6;129-Bax^{tm2Sjk} Bak1/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Wang Q, et al. (2025) Shc1 cooperates with Frs2 and Shp2 to recruit Grb2 in FGF-induced lens development. eLife, 13.

Snitow ME, et al. (2025) Stc1-expressing myofibroblasts are a developmentally distinct lineage cleared through apoptosis in the neonatal lung. Cell reports, 45(1), 116750.

Kawano M, et al. (2025) Granulosa cell death is a significant contributor to DNA-damaging chemotherapy-induced ovarian insufficiency†. Biology of reproduction, 112(5), 906.

Wong FK, et al. (2022) Serotonergic regulation of bipolar cell survival in the developing cerebral cortex. Cell reports, 40(1), 111037.

Zhu J, et al. (2022) Sonic hedgehog is not a limb morphogen but acts as a trigger to specify all digits in mice. Developmental cell, 57(17), 2048.

Slupe AM, et al. (2021) GABAergic neurons are susceptible to BAX-dependent apoptosis following isoflurane exposure in the neonatal period. PloS one, 16(1), e0238799.

Kim DW, et al. (2021) Gene regulatory networks controlling differentiation, survival, and diversification of hypothalamic Lhx6-expressing GABAergic neurons. Communications biology, 4(1), 95.

Brodie-Kommit J, et al. (2021) Atoh7-independent specification of retinal ganglion cell identity. Science advances, 7(11).

Carriere CH, et al. (2020) The ?-Protocadherins Regulate the Survival of GABAergic Interneurons during Developmental Cell Death. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(45), 8652.

Laukoter S, et al. (2020) Cell-Type Specificity of Genomic Imprinting in Cerebral Cortex. Neuron, 107(6), 1160.

Puñal VM, et al. (2019) Large-scale death of retinal astrocytes during normal development is non-apoptotic and implemented by microglia. PLoS biology, 17(10), e3000492.

Gu Z, et al. (2017) Skilled Movements Require Non-apoptotic Bax/Bak Pathway-Mediated Corticospinal Circuit Reorganization. Neuron, 94(3), 626.

Chatzi C, et al. (2015) Localized hypoxia within the subgranular zone determines the early survival of newborn hippocampal granule cells. eLife, 4, e08722.

Lee J, et al. (2011) Mycobacterium tuberculosis induces an atypical cell death mode to escape from infected macrophages. PloS one, 6(3), e18367.