

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

B6.129-Bhlha15^{tm3}(cre/ERT2)Skz/J

RRID:IMSR_JAX:029228

Type: Organism

Proper Citation

RRID:IMSR_JAX:029228

Organism Information

URL: <https://www.jax.org/strain/029228>

Proper Citation: RRID:IMSR_JAX:029228

Description: Mus musculus with name B6.129-Bhlha15^{tm3}(cre/ERT2)Skz/J from IMSR.

Species: Mus musculus

Synonyms: B6N.129-Bhlha15/J

Notes: gene symbol note: Cre recombinase and estrogen receptor 1 (human) fusion gene|basic helix-loop-helix family; member a15; mutant strain|congenic strain: cre/ERT2|Bhlha15

Affected Gene: Cre recombinase and estrogen receptor 1 (human) fusion gene|basic helix-loop-helix family; member a15

Genomic Alteration: targeted mutation 3; Stephen F Konieczny

Catalog Number: JAX:029228

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-Bhlha15^{tm3}(cre/ERT2)Skz/J

Record Creation Time: 20250513T053808+0000

Record Last Update: 20260905T044544+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Bhlha15^{tm3}(cre/ERT2)Skz/J.

No alerts have been found for B6.129-Bhlha15^{tm3}(cre/ERT2)Skz/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Grimont A, et al. (2026) Molecular dynamics driving phenotypic divergence among KRAS mutants in pancreatic tumorigenesis. *Developmental cell*.

Chen F, et al. (2025) Oxidative stress and Kras mutation in Mist1+ cells act in a double-hit manner to drive gastric tumorigenesis. *Cell reports*, 44(7), 116014.

Takano T, et al. (2025) Pancreatic acinar cell signalling and function exhibit an absolute requirement for activation of G α q. *The Journal of physiology*, 603(16), 4497.

Valenti G, et al. (2025) Regulatory network analysis of Dclk1 gene expression reveals a tuft cell-ILC2 axis that inhibits pancreatic tumor progression. *Cell reports*, 44(6), 115734.

Huang KT, et al. (2024) Dysregulated Ca²⁺ signaling, fluid secretion, and mitochondrial function in a mouse model of early Sjögren's disease. *eLife*, 13.

Nagase H, et al. (2023) Loss of Cdc42 in Exocrine Acini Decreases Saliva Secretion but Increases Tear Secretion-A Potential Model of Exocrine Gland Senescence. *International journal of molecular sciences*, 24(24).

Falvo DJ, et al. (2023) A reversible epigenetic memory of inflammatory injury controls lineage plasticity and tumor initiation in the mouse pancreas. *Developmental cell*, 58(24), 2959.

Kim JE, et al. (2022) Gut microbiota promotes stem cell differentiation through macrophage and mesenchymal niches in early postnatal development. *Immunity*, 55(12), 2300.

Takano T, et al. (2021) Highly localized intracellular Ca²⁺ signals promote optimal salivary gland fluid secretion. *eLife*, 10.