

# Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

## B6.129-Bhlha15<sup>tm3</sup>(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>

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**Description:** Mus musculus with name B6.129-Bhlha15<sup>tm3</sup>(cre/ERT2)Skz/J from IMSR.

**Species:** Mus musculus

**Synonyms:** B6N.129-Bhlha15/J

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

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

**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<sup>tm3</sup>(cre/ERT2)Skz/J

**Record Creation Time:** 20250513T053808+0000

**Record Last Update:** 20260919T054952+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129-Bhlha15<sup>tm3</sup>(cre/ERT2)Skz/J.

No alerts have been found for B6.129-Bhlha15<sup>tm3</sup>(cre/ERT2)Skz/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 9 mentions in open access literature.

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

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 $\alpha$ 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 Ca<sup>2+</sup> 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 Ca<sup>2+</sup> signals promote optimal salivary gland fluid secretion. *eLife*, 10.