

Resource Summary Report

Generated by [kravitz2](#) on Aug 14, 2026

B6N.129S6(Cg)-Scgb1a1^{tm1}(cre/ERT)Blh/J

RRID:IMSR_JAX:016225

Type: Organism

Proper Citation

RRID:IMSR_JAX:016225

Organism Information

URL: <https://www.jax.org/strain/016225>

Proper Citation: RRID:IMSR_JAX:016225

Description: Mus musculus with name B6N.129S6(Cg)-Scgb1a1^{tm1}(cre/ERT)Blh/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: secretoglobin; family 1A; member 1|cre inducible estrogen receptor; mutant strain|congenic strain: Scgb1a1|cre/ER

Affected Gene: secretoglobin; family 1A; member 1|cre inducible estrogen receptor

Genomic Alteration: targeted mutation 1; Brigid L Hogan

Catalog Number: JAX:016225

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6N.129S6(Cg)-Scgb1a1^{tm1}(cre/ERT)Blh/J

Record Creation Time: 20250513T053729+0000

Record Last Update: 20260808T050934+0000

Ratings and Alerts

No rating or validation information has been found for B6N.129S6(Cg)-Scgb1a1^{tm1(cre/ERT)Blh/J}.

No alerts have been found for B6N.129S6(Cg)-Scgb1a1^{tm1(cre/ERT)Blh/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 23 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#).

Lu T, et al. (2026) Dysplastic epithelial repair promotes the tissue residence of lymphocytes to inhibit alveolar regeneration post viral infection. *Cell stem cell*, 33(1), 108.

Wong IG, et al. (2026) Airway injury induces alveolar epithelial responses mediated by macrophages. *Cell reports*, 45(2), 116881.

Snoke DB, et al. (2025) Early adipose tissue wasting in a novel preclinical model of human lung cancer cachexia. *bioRxiv : the preprint server for biology*.

Snoke DB, et al. (2025) Early adipose tissue wasting in a preclinical model of human lung cancer cachexia. *Cell reports*, 44(9), 116278.

Young RE, et al. (2025) Disruption of E-cadherin in the airway led to dysplastic stressed cells and asthma-like phenotypes. *Developmental cell*.

Warren R, et al. (2024) Cell competition drives bronchiolization and pulmonary fibrosis. *Nature communications*, 15(1), 10624.

Liu K, et al. (2024) Tracing the origin of alveolar stem cells in lung repair and regeneration. *Cell*, 187(10), 2428.

Warren R, et al. (2024) Cell competition drives bronchiolization and pulmonary fibrosis. *Research square*.

Lingamallu SM, et al. (2024) Neuroepithelial bodies and terminal bronchioles are niches for distinctive club cells that repair the airways following acute notch inhibition. *Cell reports*, 43(9), 114654.

Lv Z, et al. (2024) Alveolar regeneration by airway secretory-cell-derived p63⁺ progenitors. *Cell stem cell*, 31(11), 1685.

Guilbaud E, et al. (2023) Cholesterol efflux pathways hinder KRAS-driven lung tumor progenitor cell expansion. *Cell stem cell*, 30(6), 800.

Sponchiado M, et al. (2023) Club cell CREB regulates the goblet cell transcriptional network and pro-mucin effects of IL-1B. *Frontiers in physiology*, 14, 1323865.

Morris CR, et al. (2022) Macrophage-intrinsic DUOX1 contributes to type 2 inflammation and mucus metaplasia during allergic airway disease. *Mucosal immunology*, 15(5), 977.

Lyu H, et al. (2022) Niche-mediated repair of airways is directed in an occupant-dependent manner. *Cell reports*, 41(12), 111863.

Hicks-Berthet J, et al. (2021) Yap/Taz inhibit goblet cell fate to maintain lung epithelial homeostasis. *Cell reports*, 36(2), 109347.

Tien JC, et al. (2021) AGO2 promotes tumor progression in KRAS-driven mouse models of non-small cell lung cancer. *Proceedings of the National Academy of Sciences of the United States of America*, 118(20).

Mou H, et al. (2021) Airway basal stem cells generate distinct subpopulations of PNECs. *Cell reports*, 35(3), 109011.

Vazquez-Armendariz AI, et al. (2021) Protocol for the generation of murine bronchiolospheres. *STAR protocols*, 2(2), 100594.

Moiseenko A, et al. (2020) Identification of a Repair-Supportive Mesenchymal Cell Population during Airway Epithelial Regeneration. *Cell reports*, 33(12), 108549.

Kathiriya JJ, et al. (2020) Distinct Airway Epithelial Stem Cells Hide among Club Cells but Mobilize to Promote Alveolar Regeneration. *Cell stem cell*, 26(3), 346.