Resource Summary Report

Generated by kravitz2 on Aug 26, 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: cre inducible estrogen receptor|secretoglobin; family 1A; member 1; mutant strain|congenic strain: cre/ER|Scgb1a1

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

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: 20260815T050644+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.