Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 13, 2025

B6N.Cg-Tg(KRT14-cre)1Amc/J

RRID:IMSR_JAX:018964
Type: Organism

Proper Citation

RRID:IMSR_JAX:018964

Organism Information

URL: https://www.jax.org/strain/018964

Proper Citation: RRID:IMSR_JAX:018964

Description: Mus musculus with name B6N.Cg-Tg(KRT14-cre)1Amc/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 1; Andrew P McMahon||keratin 14|transgene insertion 1; Andrew P McMahon||keratin 14; mutant strain: Tg(KRT14-cre)1Amc||KRT14|Tg(KRT14-cre)1Amc||KRT14

Affected Gene: transgene insertion 1; Andrew P McMahon||keratin 14|transgene insertion 1; Andrew P McMahon||keratin 14

Genomic Alteration: transgene insertion 1; Andrew P McMahon

Catalog Number: JAX:018964

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:18964

Organism Name: B6N.Cg-Tg(KRT14-cre)1Amc/J

Record Creation Time: 20230509T193314+0000

Record Last Update: 20250412T090618+0000

Ratings and Alerts

No rating or validation information has been found for B6N.Cg-Tg(KRT14-cre)1Amc/J.

No alerts have been found for B6N.Cg-Tg(KRT14-cre)1Amc/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 29 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Tongmuang N, et al. (2024) Floxed Il1rl2 Locus with mCherry Reporter Element Reveals Distinct Expression Patterns of the IL-36 Receptor in Barrier Tissues. Cells, 13(9).

Hua X, et al. (2023) Epidermal Loss of ROR? Enhances Skin Inflammation in a MC903-Induced Mouse Model of Atopic Dermatitis. International journal of molecular sciences, 24(12).

Raymundo JR, et al. (2023) KCTD1/KCTD15 complexes control ectodermal and neural crest cell functions, and their impairment causes aplasia cutis. The Journal of clinical investigation, 134(4).

Harbour JC, et al. (2023) T helper 1 effector memory CD4+ T cells protect the skin from poxvirus infection. Cell reports, 42(5), 112407.

Zhang H, et al. (2023) AP-2?/AP-2? transcription factors are key regulators of epidermal homeostasis. bioRxiv : the preprint server for biology.

Han Y, et al. (2022) Coordinate control of basal epithelial cell fate and stem cell maintenance by core EMT transcription factor Zeb1. Cell reports, 38(2), 110240.

Dong X, et al. (2022) Keratinocyte-derived defensins activate neutrophil-specific receptors Mrgpra2a/b to prevent skin dysbiosis and bacterial infection. Immunity, 55(9), 1645.

Guo T, et al. (2022) KDM6B interacts with TFDP1 to activate P53 signaling in regulating mouse palatogenesis. eLife, 11.

Lamontagne JO, et al. (2022) Transcription factors AP-2? and AP-2? regulate distinct segments of the distal nephron in the mammalian kidney. Nature communications, 13(1), 2226.

Yang K, et al. (2022) Cytoplasmic RNA quality control failure engages mTORC1-mediated autoinflammatory disease. The Journal of clinical investigation, 132(2).

Konger RL, et al. (2021) Epidermal PPAR? Is a Key Homeostatic Regulator of Cutaneous Inflammation and Barrier Function in Mouse Skin. International journal of molecular sciences, 22(16).

Avgustinova A, et al. (2021) Repression of endogenous retroviruses prevents antiviral immune response and is required for mammary gland development. Cell stem cell, 28(10), 1790.

Uberoi A, et al. (2021) Commensal microbiota regulates skin barrier function and repair via signaling through the aryl hydrocarbon receptor. Cell host & microbe, 29(8), 1235.

Lima-Junior DS, et al. (2021) Endogenous retroviruses promote homeostatic and inflammatory responses to the microbiota. Cell, 184(14), 3794.

Hernández-Santana YE, et al. (2020) Keratinocyte interleukin-36 receptor expression orchestrates psoriasiform inflammation in mice. Life science alliance, 3(4).

Le A, et al. (2020) JNK1 Signaling Downstream of the EGFR Pathway Contributes to Aldara®-Induced Skin Inflammation. Frontiers in immunology, 11, 604785.

Ruhland MK, et al. (2020) Visualizing Synaptic Transfer of Tumor Antigens among Dendritic Cells. Cancer cell, 37(6), 786.

Shwartz Y, et al. (2020) Cell Types Promoting Goosebumps Form a Niche to Regulate Hair Follicle Stem Cells. Cell, 182(3), 578.

Lorscheid S, et al. (2019) Keratinocyte-derived I?B? drives psoriasis and associated systemic inflammation. JCI insight, 4(22).

Jing J, et al. (2019) Antagonistic interaction between Ezh2 and Arid1a coordinates root patterning and development via Cdkn2a in mouse molars. eLife, 8.