Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 16, 2025

STOCK Tg(KRT14-cre)1Amc/J

RRID:IMSR_JAX:004782
Type: Organism

Proper Citation

RRID:IMSR_JAX:004782

Organism Information

URL: https://www.jax.org/strain/004782

Proper Citation: RRID:IMSR_JAX:004782

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

Species: Mus musculus

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

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

Genomic Alteration: transgene insertion 1; Andrew P McMahon

Catalog Number: JAX:004782

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: STOCK Tg(KRT14-cre)1Amc/J

Record Creation Time: 20250513T053646+0000

Record Last Update: 20250513T053806+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Xiao T, et al. (2024) ATG5-mediated keratinocyte ferroptosis promotes M1 polarization of macrophages to aggravate UVB-induced skin inflammation. Journal of photochemistry and photobiology. B, Biology, 257, 112948.

Subudhi I, et al. (2024) Metabolic coordination between skin epithelium and type 17 immunity sustains chronic skin inflammation. Immunity, 57(7), 1665.

Huang J, et al. (2024) Granulocyte colony stimulating factor promotes scarless tissue regeneration. Cell reports, 43(10), 114742.

Bhattacharya N, et al. (2022) Selective Ablation of BCL11A in Epidermal Keratinocytes Alters Skin Homeostasis and Accelerates Excisional Wound Healing In Vivo. Cells, 11(13).

Peng G, et al. (2022) Human ?-defensin-3 attenuates atopic dermatitis-like inflammation through autophagy activation and the aryl hydrocarbon receptor signaling pathway. The Journal of clinical investigation, 132(17).

Boieri M, et al. (2022) CD4+ T helper 2 cells suppress breast cancer by inducing terminal differentiation. The Journal of experimental medicine, 219(7).

Ma R, et al. (2022) LGL1 binds to Integrin ?1 and inhibits downstream signaling to promote epithelial branching in the mammary gland. Cell reports, 38(7), 110375.

Al Moussawi K, et al. (2022) Mutant Ras and inflammation-driven skin tumorigenesis is suppressed via a JNK-iASPP-AP1 axis. Cell reports, 41(3), 111503.

Johnson GL, et al. (2022) En1 and Lmx1b do not recapitulate embryonic dorsal-ventral limb patterning functions during mouse digit tip regeneration. Cell reports, 41(8), 111701.

Meng J, et al. (2022) Tumor-derived Jagged1 promotes cancer progression through immune evasion. Cell reports, 38(10), 110492.

Xie Y, et al. (2022) Hair shaft miniaturization causes stem cell depletion through mechanosensory signals mediated by a Piezo1-calcium-TNF-? axis. Cell stem cell, 29(1), 70.

Zwicky P, et al. (2021) IL-12 regulates type 3 immunity through interfollicular keratinocytes in psoriasiform inflammation. Science immunology, 6(64), eabg9012.

Hirai T, et al. (2021) Competition for Active TGF? Cytokine Allows for Selective Retention of Antigen-Specific Tissue- Resident Memory T Cells in the Epidermal Niche. Immunity, 54(1), 84.

Kashgari G, et al. (2021) GRHL3 activates FSCN1 to relax cell-cell adhesions between migrating keratinocytes during wound reepithelialization. JCI insight, 6(17).

Yu Q, et al. (2021) Canonical NF-?B signaling maintains corneal epithelial integrity and prevents corneal aging via retinoic acid. eLife, 10.

Kato T, et al. (2021) Dynamic stem cell selection safeguards the genomic integrity of the epidermis. Developmental cell, 56(24), 3309.

Kashgari G, et al. (2020) Epithelial Migration and Non-adhesive Periderm Are Required for Digit Separation during Mammalian Development. Developmental cell, 52(6), 764.

Ying Z, et al. (2020) Embryonic Barcoding of Equipotent Mammary Progenitors Functionally Identifies Breast Cancer Drivers. Cell stem cell, 26(3), 403.

Bar C, et al. (2019) Polycomb Repressive Complex 1 Controls Maintenance of Fungiform Papillae by Repressing Sonic Hedgehog Expression. Cell reports, 28(1), 257.

Ge M, et al. (2019) miR-29a/b1 Inhibits Hair Follicle Stem Cell Lineage Progression by Spatiotemporally Suppressing WNT and BMP Signaling. Cell reports, 29(8), 2489.