Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Jun 1, 2024

B6;SJL-Tg(Krt1-15-cre/PGR*)22Cot/J

RRID:IMSR_JAX:005249
Type: Organism

Proper Citation

RRID:IMSR_JAX:005249

Organism Information

URL: https://www.jax.org/strain/005249

Proper Citation: RRID:IMSR_JAX:005249

Description: Mus musculus with name B6;SJL-Tg(Krt1-15-cre/PGR*)22Cot/J from IMSR.

Species: Mus musculus

Synonyms: B6;SJL-Tg(Krt1-15-cre/PGR)22Cot/J

Notes: gene symbol note: keratin 15|transgene insertion 22; George Cotsarelis||progesterone receptor; mutant stock: Krt15|Tg(Krt1-15-cre/PGR*)22Cot||PGR

Affected Gene: keratin 15|transgene insertion 22; George Cotsarelis||progesterone receptor

Genomic Alteration: transgene insertion 22; George Cotsarelis

Catalog Number: JAX:005249

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: embryo

Organism Name: B6;SJL-Tg(Krt1-15-cre/PGR*)22Cot/J

Ratings and Alerts

No rating or validation information has been found for B6;SJL-Tg(Krt1-15-cre/PGR*)22Cot/J.

No alerts have been found for B6;SJL-Tg(Krt1-15-cre/PGR*)22Cot/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Xiong L, et al. (2024) TLR2 regulates hair follicle cycle and regeneration via BMP signaling. eLife, 12.

Li MY, et al. (2021) UV-induced reduction in Polycomb repression promotes epidermal pigmentation. Developmental cell, 56(18), 2547.

Farrelly O, et al. (2021) Two-photon live imaging of single corneal stem cells reveals compartmentalized organization of the limbal niche. Cell stem cell, 28(7), 1233.

Ankawa R, et al. (2021) Apoptotic cells represent a dynamic stem cell niche governing proliferation and tissue regeneration. Developmental cell, 56(13), 1900.

Sakamoto K, et al. (2021) Disruption of the endopeptidase ADAM10-Notch signaling axis leads to skin dysbiosis and innate lymphoid cell-mediated hair follicle destruction. Immunity, 54(10), 2321.

Villarreal-Ponce A, et al. (2020) Keratinocyte-Macrophage Crosstalk by the Nrf2/Ccl2/EGF Signaling Axis Orchestrates Tissue Repair. Cell reports, 33(8), 108417.

Lisse TS, et al. (2020) GDNF promotes hair formation and cutaneous wound healing by targeting bulge stem cells. NPJ Regenerative medicine, 5, 13.

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

Sullivan WJ, et al. (2018) Extracellular Matrix Remodeling Regulates Glucose Metabolism through TXNIP Destabilization. Cell, 175(1), 117.