Resource Summary Report

Generated by Kravitz on Sep 19, 2026

FVB-Tg(KRT14-rtTA)F42Efu/J

RRID:IMSR_JAX:008099
Type: Organism

Proper Citation

RRID:IMSR_JAX:008099

Organism Information

URL: https://www.jax.org/strain/008099

Proper Citation: RRID:IMSR_JAX:008099

Description: Mus musculus with name FVB-Tg(KRT14-rtTA)F42Efu/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion F42; Elaine Fuchs|keratin 14|reverse tetracycline-controlled transactivator; coisogenic strain|mutant strain: Tg(KRT14-rtTA)F42Efu|KRT14|rtTA

Affected Gene: transgene insertion F42; Elaine Fuchs|keratin 14|reverse tetracycline-controlled transactivator

Genomic Alteration: transgene insertion F42; Elaine Fuchs

Catalog Number: JAX:008099

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: FVB-Tg(KRT14-rtTA)F42Efu/J

Record Creation Time: 20250513T053706+0000

Record Last Update: 20260919T054854+0000

Ratings and Alerts

No rating or validation information has been found for FVB-Tg(KRT14-rtTA)F42Efu/J.

No alerts have been found for FVB-Tg(KRT14-rtTA)F42Efu/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at Kravitz .

Baquero J, et al. (2026) Key Early Changes in Oral Squamous Cell Carcinogenesis Are Accelerated by Ectopic BMI1 Expression. Cancer research communications, 6(1), 152.

Zhang P, et al. (2026) Sympathetic-epithelial crosstalk governs tissue-resident memory T cell immunosurveillance in the skin. Cell, 189(5), 1323.

Canato S, et al. (2025) Survivin Promotes Stem Cell Competence for Skin Cancer Initiation. Cancer discovery, 15(2), 427.

Sarate RM, et al. (2024) Dynamic regulation of tissue fluidity controls skin repair during wound healing. Cell, 187(19), 5298.

Seldin L, et al. (2020) DNA Damage Promotes Epithelial Hyperplasia and Fate Mis-specification via Fibroblast Inflammasome Activation. Developmental cell, 55(5), 558.

Ku AT, et al. (2017) TCF7L1 promotes skin tumorigenesis independently of ??-catenin through induction of LCN2. eLife, 6.