

# Resource Summary Report

Generated by [dkNET](#) on Jul 30, 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: keratin 14|transgene insertion F42; Elaine Fuchs|reverse tetracycline-controlled transactivator; coisogenic strain|mutant strain: KRT14|Tg(KRT14-rtTA)F42Efu|rtTA

**Affected Gene:** keratin 14|transgene insertion F42; Elaine Fuchs|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:** 20260725T044418+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 4 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

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  $\beta$ -catenin through induction of LCN2. eLife, 6.