

# Resource Summary Report

Generated by [dkNET](#) on Aug 3, 2026

[Map2k1<sup>tm1Chrn</sup>/Map2k1<sup>tm1Chrn</sup>; Map2k2<sup>tm1Chrn</sup>/Map2k2<sup>tm1Chrn</sup>; Tg\(KRT14-cre\)1Efu](#)

RRID:MGI:3714928

Type: Organism

## Proper Citation

RRID:MGI:3714928

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3714928

**Description:** Allele Detail: Transgenic, Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Transgenic, Targeted This is a legacy resource.

**Phenotype:** shiny skin, decreased body size, eyelids open at birth, abnormal outer ear morphology, decreased hair follicle cell proliferation, increased keratinocyte apoptosis, decreased body weight, skin hypoplasia, abnormal vibrissa follicle morphology, translucent skin, decreased hair follicle number, neonatal lethality, incomplete penetrance, abnormal tongue epithelium morphology, impaired skin barrier function

**Affected Gene:** Map2k2, Map2k1

**Genomic Alteration:** Tg(KRT14-cre)1Efu, tm1Chrn

**Catalog Number:** 3714928

**Background:** involves: 129/Sv \* C57BL/6J \* SJL

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:17419998](#)

**Organism Name:** Map2k1<sup>tm1Chrn</sup>/Map2k1<sup>tm1Chrn</sup>; Map2k2<sup>tm1Chrn</sup>/Map2k2<sup>tm1Chrn</sup>; Tg(KRT14-cre)1Efu

**Record Creation Time:** 20240120T190516+0000

**Record Last Update:** 20240130T201939+0000

---

## Ratings and Alerts

No rating or validation information has been found for Map2k1<sup>tm1Chrn</sup>/Map2k1<sup>tm1Chrn</sup>; Map2k2<sup>tm1Chrn</sup>/Map2k2<sup>tm1Chrn</sup>; Tg(KRT14-cre)1Efu.

No alerts have been found for Map2k1<sup>tm1Chrn</sup>/Map2k1<sup>tm1Chrn</sup>; Map2k2<sup>tm1Chrn</sup>/Map2k2<sup>tm1Chrn</sup>; Tg(KRT14-cre)1Efu.

---

## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

---

## Usage and Citation Metrics

We have not found any literature mentions for this resource.