

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[Map2k1^{tm1Chrn}/Map2k1^{tm1Chrn}; Map2k2^{tm1Chrn}/Map2k2^{tm1Chrn}; Tg\(KRT14-cre\)1Efu](#)

RRID:MGI:3714928

Type: Organism

Proper Citation

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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^{tm1Chrn}/Map2k1^{tm1Chrn}; Map2k2^{tm1Chrn}/Map2k2^{tm1Chrn}; 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^{tm1Chrn}/Map2k1^{tm1Chrn}; Map2k2^{tm1Chrn}/Map2k2^{tm1Chrn}; Tg(KRT14-cre)1Efu.

No alerts have been found for Map2k1^{tm1Chrn}/Map2k1^{tm1Chrn}; Map2k2^{tm1Chrn}/Map2k2^{tm1Chrn}; 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.