

Resource Summary Report

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

[Chuk^{tm1Mpa}/Chuk^{tm1Mpa}; Tg\(KRT14-cre\)1Cgn](#)

RRID:MGI:3714173

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3714173

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

Species: Mus musculus

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

Phenotype: increased cholesterol level, abnormal skin morphology, abnormal skin condition, decreased circulating free fatty acid level, skeleton phenotype, weight loss, impaired skin barrier function, abnormal epidermis stratum corneum morphology, shiny skin, neonatal lethality, complete penetrance, abnormal keratinocyte differentiation

Affected Gene: Chuk

Genomic Alteration: Tg(KRT14-cre)1Cgn, tm1Mpa

Catalog Number: 3714173

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17351639](#)

Organism Name: Chuk^{tm1Mpa}/Chuk^{tm1Mpa}; Tg(KRT14-cre)1Cgn

Record Creation Time: 20240120T190517+0000

Record Last Update: 20240130T201940+0000

Ratings and Alerts

No rating or validation information has been found for Chuk^{tm1Mpa}/Chuk^{tm1Mpa}; Tg(KRT14-cre)1Cgn.

No alerts have been found for Chuk^{tm1Mpa}/Chuk^{tm1Mpa}; Tg(KRT14-cre)1Cgn.

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.