

# Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

[Chuk<sup>tm1Mpa</sup>/Chuk<sup>tm1Mpa</sup>; Tg\(KRT14-cre\)1Cgn](#)

RRID:MGI:3714173

Type: Organism

## Proper Citation

RRID:MGI:3714173

## 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<sup>tm1Mpa</sup>/Chuk<sup>tm1Mpa</sup>; Tg(KRT14-cre)1Cgn

**Record Creation Time:** 20240120T190517+0000

**Record Last Update:** 20240130T201940+0000

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## Ratings and Alerts

No rating or validation information has been found for Chuk<sup>tm1Mpa</sup>/Chuk<sup>tm1Mpa</sup>; Tg(KRT14-cre)1Cgn.

No alerts have been found for Chuk<sup>tm1Mpa</sup>/Chuk<sup>tm1Mpa</sup>; Tg(KRT14-cre)1Cgn.

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## Data and Source Information

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

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.