

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

[Krt1^{tm1Tmm}/Krt1^{tm1Tmm}](#)

RRID:MGI:5495259

Type: Organism

Proper Citation

RRID:MGI:5495259

Organism Information

URL:

Proper Citation: RRID:MGI:5495259

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

Species: Mus musculus

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

Phenotype: abnormal corneocyte envelope morphology, increased vascular permeability, weight loss, abnormal blood cell morphology/development, impaired skin barrier function, abnormal cerebellar granule layer morphology, increased circulating interleukin-18 level, abnormal interleukin secretion, abnormal skin morphology, abnormal vasculogenesis, abnormal circulating interleukin level, neonatal lethality, incomplete penetrance

Affected Gene: Krt1

Genomic Alteration: tm1Tmm

Catalog Number: 5495259

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23132931](#)

Organism Name: Krt1^{tm1Tmm}/Krt1^{tm1Tmm}

Record Creation Time: 20240120T190116+0000

Record Last Update: 20240130T201722+0000

Ratings and Alerts

No rating or validation information has been found for Krt1^{tm1Tmm}/Krt1^{tm1Tmm}.

No alerts have been found for Krt1^{tm1Tmm}/Krt1^{tm1Tmm}.

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.