

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

KOMP ES cell line *Krt2tm1a(KOMP)Wtsi*

RRID:MMRRC_057751-UCD

Type: Organism

Proper Citation

RRID:MMRRC_057751-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=57751

Proper Citation: RRID:MMRRC_057751-UCD

Description: Mus musculus with name KOMP ES cell line *Krt2tm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: KOMP

Phenotype: scaly skin [MP:0001192]| epidermal hyperplasia [MP:0001222]| abnormal epidermis suprabasal layer morphology [MP:0001233]| hyperkeratosis [MP:0001242]| acanthosis [MP:0001874]| abnormal keratinocyte differentiation [MP:0002656]| impaired skin barrier function [MP:0002796]| skin inflammation [MP:0004947]| increased keratinocyte proliferation [MP:0009583]| thick epidermis stratum granulosum [MP:0009599]| hypergranulosis [MP:0009600]| orthokeratosis [MP:0009675]| increased ear pigmentation [MP:0011278]| abnormal corneocyte morphology [MP:0030605]

Affected Gene: Krt2

Catalog Number: 057751-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_57751-UCD, MMRRC_057751, MMRRC_57751

Organism Name: KOMP ES cell line *Krt2tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055403+0000

Record Last Update: 20260801T125019+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Krt2tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Krt2tm1a(KOMP)Wtsi*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.