

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

[Wls^{tm1.1Arte}](#)/[Wls^{tm1.1Arte}](#); [Krt14^{tm1\(cre\)}Wbm](#)/[Krt14⁺](#)

RRID:MGI:5547811

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5547811

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

Species: Mus musculus

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

Phenotype: thymus hypoplasia, sparse hair, skin inflammation, scaly skin, reddish skin, increased neutrophil cell number, abnormal hair growth, abnormal eye morphology, abnormal T cell differentiation, decreased T cell number, abnormal T cell physiology, abnormal T cell subpopulation ratio, decreased body size, abnormal adipose tissue physiology, decreased body surface temperature, abnormal ear morphology, abnormal nose morphology, abnormal skin appearance, flaky skin, decreased double-positive T cell number, increased mast cell number, increased macrophage cell number, increased keratinocyte proliferation, increased double-negative T cell number, increased T cell proliferation, premature death, thymus atrophy, thin skin, thin hypodermis, decreased gamma-delta T cell number, small thymus medulla, thin dermal layer, hair follicle degeneration, epidermal spongiosis, decreased thymus weight, decreased hair follicle number, postnatal growth retardation, abnormal skin physiology, impaired skin barrier function

Affected Gene: Krt14, Wls

Genomic Alteration: tm1.1Arte, tm1(cre)Wbm

Catalog Number: 5547811

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23918954](#)

Organism Name: Wls^{tm1.1Arte}/Wls^{tm1.1Arte}; Krt14^{tm1(cre)Wbm}/Krt14⁺

Record Creation Time: 20240120T190056+0000

Record Last Update: 20240130T201711+0000

Ratings and Alerts

No rating or validation information has been found for Wls^{tm1.1Arte}/Wls^{tm1.1Arte}; Krt14^{tm1(cre)Wbm}/Krt14⁺.

No alerts have been found for Wls^{tm1.1Arte}/Wls^{tm1.1Arte}; Krt14^{tm1(cre)Wbm}/Krt14⁺.

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.