

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 2, 2026

[Wls<sup>tm1.1Arte</sup>](#)/[Wls<sup>tm1.1Arte</sup>](#); [Krt14<sup>tm1\(cre\)</sup>Wbm](#)/[Krt14<sup>+</sup>](#)

RRID:MGI:5547811

Type: Organism

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## Proper Citation

RRID:MGI:5547811

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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

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

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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.