

Resource Summary Report

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

[Pten^{tm1Hwu}/Pten^{tm1Hwu}; Tg\(KRT14-cre\)#Smr](#)

RRID:MGI:3813525

Type: Organism

Proper Citation

RRID:MGI:3813525

Organism Information

URL:

Proper Citation: RRID:MGI:3813525

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

Species: Mus musculus

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

Phenotype: increased mammary adenocarcinoma incidence, increased mammary gland tumor incidence, hyperkeratosis, enlarged thyroid gland, decreased survivor rate, acanthosis, increased thyroid tumor incidence, postnatal lethality, incomplete penetrance, enlarged hair follicles, premature death, skin lesions, increased skin papilloma incidence, increased skin tumor incidence, abnormal hair shaft morphology, abnormal vibrissa follicle morphology, wrinkled skin, flaky skin, abnormal nipple morphology

Affected Gene: Pten

Genomic Alteration: Tg(KRT14-cre)#Smr, tm1Hwu

Catalog Number: 3813525

Background: involves: 129S4/SvJae * C57BL/6J * SJL/J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18757421](#)

Organism Name: Pten^{tm1Hwu}/Pten^{tm1Hwu}; Tg(KRT14-cre)#Smr

Record Creation Time: 20240120T190413+0000

Record Last Update: 20240130T201904+0000

Ratings and Alerts

No rating or validation information has been found for Pten^{tm1Hwu}/Pten^{tm1Hwu}; Tg(KRT14-cre)#Smr.

No alerts have been found for Pten^{tm1Hwu}/Pten^{tm1Hwu}; Tg(KRT14-cre)#Smr.

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.