

# Resource Summary Report

Generated by [Kravitz](#) on Sep 16, 2026

[Pten<sup>tm1Hwu</sup>/Pten<sup>tm1Hwu</sup>; Gt\(ROSA\)26Sor<sup>tm1</sup>\(cre/ERT\)Nat/Gt\(ROSA\)26Sor<sup>+</sup>](#)

RRID:MGI:4847601

Type: Organism

## Proper Citation

RRID:MGI:4847601

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4847601

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

**Species:** Mus musculus

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

**Phenotype:** increased prostate intraepithelial neoplasia incidence, prostate gland hyperplasia, premature death, intestine polyps, increased tumor incidence, increased T cell derived lymphoma incidence, endometrium hyperplasia, increased gastrointestinal tumor incidence, increased skin squamous cell carcinoma incidence, increased prostate gland tumor incidence, increased incidence of tumors by chemical induction

**Affected Gene:** Gt(ROSA)26Sor, Pten

**Genomic Alteration:** tm1Hwu, tm1(cre/ERT)Nat

**Catalog Number:** 4847601

**Background:** involves: 129 \* 129S4/SvJae \* BALB/c \* C57BL/6

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:18043744](#)

**Organism Name:** Pten<sup>tm1Hwu</sup>/Pten<sup>tm1Hwu</sup>; Gt(ROSA)26Sor<sup>tm1(cre/ERT)Nat</sup>/Gt(ROSA)26Sor<sup>+</sup>

**Record Creation Time:** 20240120T190237+0000

**Record Last Update:** 20240130T201810+0000

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## Ratings and Alerts

No rating or validation information has been found for Pten<sup>tm1Hwu</sup>/Pten<sup>tm1Hwu</sup>; Gt(ROSA)26Sor<sup>tm1(cre/ERT)Nat</sup>/Gt(ROSA)26Sor<sup>+</sup>.

No alerts have been found for Pten<sup>tm1Hwu</sup>/Pten<sup>tm1Hwu</sup>; Gt(ROSA)26Sor<sup>tm1(cre/ERT)Nat</sup>/Gt(ROSA)26Sor<sup>+</sup>.

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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.