

# Resource Summary Report

Generated by [T1D](#) on Sep 18, 2026

[Tg\(KRT14-cre/ERT2\)1lpc; Smarca4<sup>tm1.2Pcn</sup>/Smarca4<sup>tm1.2Pcn</sup>; Smarca2<sup>tm1Mya</sup>/Smarca2<sup>tm1Mya</sup>](#)

RRID:MGI:3606862

Type: Organism

## Proper Citation

RRID:MGI:3606862

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3606862

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

**Species:** Mus musculus

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

**Phenotype:** enlarged spinous cells, abnormal epidermis stratum corneum morphology, abnormal skin morphology, impaired skin barrier function, abnormal epidermis stratum granulosum morphology

**Affected Gene:** Smarca4, Smarca2

**Genomic Alteration:** tm1.2Pcn, Tg(KRT14-cre/ERT2)1lpc, tm1Mya

**Catalog Number:** 3606862

**Background:** involves: 129S2/SvPas

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:16192310](#)

**Organism Name:** Tg(KRT14-cre/ERT2)1lpc; Smarca4<sup>tm1.2Pcn</sup>/Smarca4<sup>tm1.2Pcn</sup>; Smarca2<sup>tm1Mya</sup>/Smarca2<sup>tm1Mya</sup>

**Record Creation Time:** 20240120T190615+0000

**Record Last Update:** 20240130T202112+0000

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## Ratings and Alerts

No rating or validation information has been found for Tg(KRT14-cre/ERT2)1Ipc; Smarca4<sup>tm1.2Pcn</sup>/Smarca4<sup>tm1.2Pcn</sup>; Smarca2<sup>tm1Mya</sup>/Smarca2<sup>tm1Mya</sup>.

No alerts have been found for Tg(KRT14-cre/ERT2)1Ipc; Smarca4<sup>tm1.2Pcn</sup>/Smarca4<sup>tm1.2Pcn</sup>; Smarca2<sup>tm1Mya</sup>/Smarca2<sup>tm1Mya</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.