

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[Tg\(KRT14-cre/ERT2\)1lpc; Smarca4^{tm1.2Pcn}/Smarca4^{tm1.2Pcn}; Smarca2^{tm1Mya}/Smarca2^{tm1Mya}](#)

RRID:MGI:3606862

Type: Organism

Proper Citation

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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^{tm1.2Pcn}/Smarca4^{tm1.2Pcn}; Smarca2^{tm1Mya}/Smarca2^{tm1Mya}

Record Creation Time: 20240120T190615+0000

Record Last Update: 20240130T202112+0000

Ratings and Alerts

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

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

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.