

# Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

## Tg(KRT14-cre)40Smr; Bmpr1a<sup>tm2Bhr</sup>/Bmpr1a<sup>tm2Bhr</sup>

RRID:MGI:3046633

Type: Organism

### Proper Citation

RRID:MGI:3046633

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3046633

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

**Species:** Mus musculus

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

**Phenotype:** abnormal hair shaft morphology, abnormal hair growth, abnormal hair follicle orientation, decreased body size, absent teeth, premature death, abnormal hair follicle dermal papilla morphology, abnormal tooth morphology, abnormal nail morphology, abnormal hair follicle regression, small hair follicles, abnormal hair follicle morphology, alopecia

**Affected Gene:** Bmpr1a

**Genomic Alteration:** Tg(KRT14-cre)40Smr, tm2Bhr

**Catalog Number:** 3046633

**Background:** involves: 129S7/SvEvBrd \* C57BL/6J \* SJL/J

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:15102710](#)

**Organism Name:** Tg(KRT14-cre)40Smr; Bmpr1a<sup>tm2Bhr</sup>/Bmpr1a<sup>tm2Bhr</sup>

**Record Creation Time:** 20240120T190655+0000

**Record Last Update:** 20240130T202037+0000

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## Ratings and Alerts

No rating or validation information has been found for Tg(KRT14-cre)40Smr; Bmpr1a<sup>tm2Bhr</sup>/Bmpr1a<sup>tm2Bhr</sup>.

No alerts have been found for Tg(KRT14-cre)40Smr; Bmpr1a<sup>tm2Bhr</sup>/Bmpr1a<sup>tm2Bhr</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.