

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 8, 2026

Tg(KRT14-COL17A1)1Shzu; Col17a1^{tm1Shzu}/Col17a1^{tm1Shzu}

RRID:MGI:3711948

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3711948

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

Species: Mus musculus

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

Phenotype: abnormal reproductive system physiology, blistering, decreased autoantibody level, reddish skin, skin lesions, integument phenotype, dermal-epidermal separation

Affected Gene: Col17a1

Genomic Alteration: Tg(KRT14-COL17A1)1Shzu, tm1Shzu

Catalog Number: 3711948

Background: involves: 129S/SvEv * C57BL/6J * C57BL/6Ncr

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17322897](#)

Organism Name: Tg(KRT14-COL17A1)1Shzu; Col17a1^{tm1Shzu}/Col17a1^{tm1Shzu}

Record Creation Time: 20240120T190521+0000

Record Last Update: 20240130T201942+0000

Ratings and Alerts

No rating or validation information has been found for Tg(KRT14-COL17A1)¹Shzu; Col17a1^{tm1Shzu}/Col17a1^{tm1Shzu}.

No alerts have been found for Tg(KRT14-COL17A1)¹Shzu; Col17a1^{tm1Shzu}/Col17a1^{tm1Shzu}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Watanabe M, et al. (2017) Type XVII collagen coordinates proliferation in the interfollicular epidermis. eLife, 6.