

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

Tg(KRT5-cre)1Tak; Arnt^{tm1.1Gonz}/Arnt^{tm1.2Gonz}

RRID:MGI:3656142

Type: Organism

Proper Citation

RRID:MGI:3656142

Organism Information

URL:

Proper Citation: RRID:MGI:3656142

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

Species: Mus musculus

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

Phenotype: increased keratinocyte apoptosis, weight loss, neonatal lethality, complete penetrance, dehydration, homeostasis/metabolism phenotype, impaired skin barrier function, neonatal lethality, complete penetrance, decreased keratohyalin granule number, abnormal epidermis stratum corneum morphology, abnormal skin physiology, dehydration

Affected Gene: Arnt

Genomic Alteration: Tg(KRT5-cre)1Tak, tm1.1Gonz, tm1.2Gonz

Catalog Number: 3656142

Background: involves: 129X1/SvJ * C3H * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14597763](#), [PMID:14530333](#)

Organism Name: Tg(KRT5-cre)1Tak; Arnt^{tm1.1Gonz}/Arnt^{tm1.2Gonz}

Record Creation Time: 20240120T190547+0000

Record Last Update: 20240130T201957+0000

Ratings and Alerts

No rating or validation information has been found for Tg(KRT5-cre)1Tak; Arnt^{tm1.1Gonz}/Arnt^{tm1.2Gonz}.

No alerts have been found for Tg(KRT5-cre)1Tak; Arnt^{tm1.1Gonz}/Arnt^{tm1.2Gonz}.

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.