

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[Tgm1^{tm1Kfyn}/Tgm1^{tm1Kfyn}](#)

RRID:MGI:3029167

Type: Organism

Proper Citation

RRID:MGI:3029167

Organism Information

URL:

Proper Citation: RRID:MGI:3029167

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

Species: Mus musculus

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

Phenotype: abnormal epidermal layer morphology, impaired skin barrier function, impaired skin barrier function, hypoactivity, abnormal suckling behavior, decreased body size, hyperkeratosis, tight skin, dehydration, reddish skin, decreased body weight, aphagia, wrinkled skin, neonatal lethality, complete penetrance

Affected Gene: Tgm1

Genomic Alteration: tm1Kfyn

Catalog Number: 3029167

Background: involves: 129S1/SvImJ * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11805136](#), [PMID:9448282](#)

Organism Name: Tgm1^{tm1Kfyn}/Tgm1^{tm1Kfyn}

Record Creation Time: 20240120T190712+0000

Record Last Update: 20240130T202121+0000

Ratings and Alerts

No rating or validation information has been found for Tgm1^{tm1Kfyn}/Tgm1^{tm1Kfyn}.

No alerts have been found for Tgm1^{tm1Kfyn}/Tgm1^{tm1Kfyn}.

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.