

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

[Slc27a4^{tm1Wsr}/Slc27a4^{tm1Wsr}](#)

RRID:MGI:2670851

Type: Organism

Proper Citation

RRID:MGI:2670851

Organism Information

URL:

Proper Citation: RRID:MGI:2670851

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

Species: Mus musculus

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

Phenotype: neonatal lethality, complete penetrance, decreased keratohyalin granule size, abnormal epidermal layer morphology, protruding tongue, abnormal fluid regulation, joint contracture, decreased body weight, abnormal postnatal growth/weight/body size, hyperkeratosis, abnormal epidermal-dermal junction morphology, abnormal epidermis stratum spinosum morphology, abnormal pulmonary alveolus morphology, abnormal facial morphology, abnormal pilosebaceous unit morphology, respiratory distress, thick skin, tight skin, abnormal suckling behavior, impaired skin barrier function

Affected Gene: Slc27a4

Genomic Alteration: tm1Wsr

Catalog Number: 2670851

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12821645](#)

Organism Name: Slc27a4^{tm1Wsr}/Slc27a4^{tm1Wsr}

Record Creation Time: 20240120T190730+0000

Record Last Update: 20240130T202057+0000

Ratings and Alerts

No rating or validation information has been found for Slc27a4^{tm1Wsr}/Slc27a4^{tm1Wsr}.

No alerts have been found for Slc27a4^{tm1Wsr}/Slc27a4^{tm1Wsr}.

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.