

Resource Summary Report

Generated by [dkNET](#) on Aug 3, 2026

[Cldn7^{tm1Yche}/Cldn7^{tm1Yche}](#)

RRID:MGI:4414772

Type: Organism

Proper Citation

RRID:MGI:4414772

Organism Information

URL:

Proper Citation: RRID:MGI:4414772

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

Species: Mus musculus

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

Phenotype: increased hematocrit, postnatal growth retardation, wrinkled skin, postnatal lethality, complete penetrance, increased urine sodium level, increased urine potassium level, increased circulating aldosterone level, increased blood urea nitrogen level, dehydration, decreased body weight, decreased body size, decreased body length, abnormal urine homeostasis, abnormal kidney morphology, increased urine chloride ion level

Affected Gene: Cldn7

Genomic Alteration: tm1Yche

Catalog Number: 4414772

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19759267](#)

Organism Name: Cldn7^{tm1Yche}/Cldn7^{tm1Yche}

Record Creation Time: 20240120T190314+0000

Record Last Update: 20240130T201912+0000

Ratings and Alerts

No rating or validation information has been found for Cldn7^{tm1Yche}/Cldn7^{tm1Yche}.

No alerts have been found for Cldn7^{tm1Yche}/Cldn7^{tm1Yche}.

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.