

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

[Cldn4^{tm1.1Jhou}/Cldn4^{tm1.1Jhou}; Tg\(Aqp2-cre\)1Dek](#)

RRID:MGI:5609166

Type: Organism

Proper Citation

RRID:MGI:5609166

Organism Information

URL:

Proper Citation: RRID:MGI:5609166

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

Species: Mus musculus

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

Phenotype: abnormal renal sodium reabsorbtion, abnormal renal reabsorbtion, increased hematocrit, increased circulating aldosterone level, increased urine sodium level, decreased body weight, increased urine chloride ion level, polyuria, increased circulating bicarbonate level, increased circulating potassium level, alkalosis, decreased mean systemic arterial blood pressure, decreased circulating chloride level

Affected Gene: Cldn4

Genomic Alteration: Tg(Aqp2-cre)1Dek, tm1.1Jhou

Catalog Number: 5609166

Background: B6.Cg-Cldn4 Tg(Aqp2-cre)1Dek

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25157135](#)

Organism Name: Cldn4^{tm1.1Jhou}/Cldn4^{tm1.1Jhou}; Tg(Aqp2-cre)1Dek

Record Creation Time: 20240120T190036+0000

Record Last Update: 20240130T201700+0000

Ratings and Alerts

No rating or validation information has been found for Cldn4^{tm1.1Jhou}/Cldn4^{tm1.1Jhou}; Tg(Aqp2-cre)1Dek.

No alerts have been found for Cldn4^{tm1.1Jhou}/Cldn4^{tm1.1Jhou}; Tg(Aqp2-cre)1Dek.

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.