

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 18, 2026

[Nr3c2^{tm1Gsc}/Nr3c2^{tm1Gsc}](#)

RRID:MGI:3041700

Type: Organism

Proper Citation

RRID:MGI:3041700

Organism Information

URL:

Proper Citation: RRID:MGI:3041700

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

Species: Mus musculus

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

Phenotype: abnormal macula densa morphology, dehydration, increased circulating potassium level, abnormal ion homeostasis, renal/urinary system phenotype, abnormal renal sodium ion transport, abnormal juxtaglomerular apparatus morphology, abnormal juxtaglomerular cell morphology, abnormal extraglomerular mesangial cell morphology, postnatal lethality, complete penetrance, abnormal renal sodium reabsorption, increased circulating renin level, weight loss, increased hematocrit, increased renin activity, decreased circulating sodium level, hypovolemia, increased urine sodium level, abnormal renal glomerulus morphology, increased circulating aldosterone level

Affected Gene: Nr3c2

Genomic Alteration: tm1Gsc

Catalog Number: 3041700

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:9689096](#)

Organism Name: Nr3c2^{tm1Gsc}/Nr3c2^{tm1Gsc}

Record Creation Time: 20240120T190702+0000

Record Last Update: 20240130T202041+0000

Ratings and Alerts

No rating or validation information has been found for Nr3c2^{tm1Gsc}/Nr3c2^{tm1Gsc}.

No alerts have been found for Nr3c2^{tm1Gsc}/Nr3c2^{tm1Gsc}.

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.