

# Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

[Nr3c2<sup>tm1Gsc</sup>/Nr3c2<sup>tm1Gsc</sup>](#)

RRID:MGI:3041700

Type: Organism

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## Proper Citation

RRID:MGI:3041700

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## 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<sup>tm1Gsc</sup>/Nr3c2<sup>tm1Gsc</sup>

**Record Creation Time:** 20240120T190702+0000

**Record Last Update:** 20240130T202041+0000

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## Ratings and Alerts

No rating or validation information has been found for Nr3c2<sup>tm1Gsc</sup>/Nr3c2<sup>tm1Gsc</sup>.

No alerts have been found for Nr3c2<sup>tm1Gsc</sup>/Nr3c2<sup>tm1Gsc</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.