

# Resource Summary Report

Generated by [kravitz2](#) on Sep 2, 2026

## [Nfat5<sup>tm1Rao</sup>/Nfat5<sup>tm1Rao</sup>](#)

RRID:MGI:3039416

Type: Organism

### Proper Citation

RRID:MGI:3039416

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3039416

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

**Species:** Mus musculus

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

**Phenotype:** abnormal kidney pelvis morphology, kidney papillary atrophy, abnormal kidney morphology, abnormal fluid regulation, abnormal renal tubule morphology, tubulointerstitial nephritis, abnormal renal tubule epithelium morphology, abnormal kidney outer medulla inner stripe morphology, dilated renal tubules, increased kidney apoptosis, lethality throughout fetal growth and development, incomplete penetrance, postnatal growth retardation, abnormal kidney outer medulla morphology, kidney atrophy, postnatal lethality, incomplete penetrance

**Affected Gene:** Nfat5

**Genomic Alteration:** tm1Rao

**Catalog Number:** 3039416

**Background:** B6.129-Nfat5

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:14983020](#)

**Organism Name:** Nfat5<sup>tm1Rao</sup>/Nfat5<sup>tm1Rao</sup>

**Record Creation Time:** 20240120T190705+0000

**Record Last Update:** 20240130T202042+0000

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## Ratings and Alerts

No rating or validation information has been found for Nfat5<sup>tm1Rao</sup>/Nfat5<sup>tm1Rao</sup>.

No alerts have been found for Nfat5<sup>tm1Rao</sup>/Nfat5<sup>tm1Rao</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.