

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 5, 2026

[Nfat5^{tm1Rao}/Nfat5^{tm1Rao}](#)

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^{tm1Rao}/Nfat5^{tm1Rao}

Record Creation Time: 20240120T190705+0000

Record Last Update: 20240130T202042+0000

Ratings and Alerts

No rating or validation information has been found for Nfat5^{tm1Rao}/Nfat5^{tm1Rao}.

No alerts have been found for Nfat5^{tm1Rao}/Nfat5^{tm1Rao}.

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.