

# Resource Summary Report

Generated by [T1D](#) on Sep 18, 2026

[Nfatc3<sup>tm1Glm</sup>/Nfatc3<sup>tm1Glm</sup>; Nfatc4<sup>tm1Grc</sup>/Nfatc4<sup>tm1Grc</sup>](#)

RRID:MGI:3525158

Type: Organism

## Proper Citation

RRID:MGI:3525158

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3525158

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

**Species:** Mus musculus

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

**Phenotype:** abnormal vitelline vasculature morphology, abnormal sensory neuron innervation pattern, abnormal blood vessel morphology, abnormal placental labyrinth vasculature morphology, aganglionic megacolon, annular pancreas, abnormal intersomitic vessel morphology, enlarged heart, abnormal heart morphology, enlarged pericardium, trabecula carnea hypoplasia, embryonic lethality during organogenesis, incomplete penetrance

**Affected Gene:** Nfatc4, Nfatc3

**Genomic Alteration:** tm1Glm, tm1Grc

**Catalog Number:** 3525158

**Background:** involves: 129S2/SvPas

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:16554754](#), [PMID:12787506](#), [PMID:11439183](#), [PMID:12750314](#)

**Organism Name:** Nfatc3<sup>tm1Glm</sup>/Nfatc3<sup>tm1Glm</sup>; Nfatc4<sup>tm1Grc</sup>/Nfatc4<sup>tm1Grc</sup>

**Record Creation Time:** 20240120T190641+0000

**Record Last Update:** 20240130T202124+0000

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## Ratings and Alerts

No rating or validation information has been found for Nfatc3<sup>tm1Glm</sup>/Nfatc3<sup>tm1Glm</sup>; Nfatc4<sup>tm1Grc</sup>/Nfatc4<sup>tm1Grc</sup>.

No alerts have been found for Nfatc3<sup>tm1Glm</sup>/Nfatc3<sup>tm1Glm</sup>; Nfatc4<sup>tm1Grc</sup>/Nfatc4<sup>tm1Grc</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.