

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

[Nfatc3^{tm1Glm}/Nfatc3^{tm1Glm}; Nfatc4^{tm1Grc}/Nfatc4^{tm1Grc}](#)

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^{tm1Glm}/Nfatc3^{tm1Glm}; Nfatc4^{tm1Grc}/Nfatc4^{tm1Grc}

Record Creation Time: 20240120T190641+0000

Record Last Update: 20240130T202124+0000

Ratings and Alerts

No rating or validation information has been found for Nfatc3^{tm1Glm}/Nfatc3^{tm1Glm}; Nfatc4^{tm1Grc}/Nfatc4^{tm1Grc}.

No alerts have been found for Nfatc3^{tm1Glm}/Nfatc3^{tm1Glm}; Nfatc4^{tm1Grc}/Nfatc4^{tm1Grc}.

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.