

Resource Summary Report

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

B6.129P2-Nfatc1^{tm1Mak}/Mmjax

RRID:MMRRC_042054-JAX

Type: Organism

Proper Citation

RRID:MMRRC_042054-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=42054

Proper Citation: RRID:MMRRC_042054-JAX

Description: Mus musculus with name B6.129P2-Nfatc1^{tm1Mak}/Mmjax from MMRRC.

Species: Mus musculus

Notes: Research areas: Cardiovascular, Developmental Biology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal interventricular septum morphology [MP:0000281]| abnormal mitral valve morphology [MP:0000286]| anemia [MP:0001577]| cardiac hypertrophy [MP:0001625]| edema [MP:0001785]| abnormal tricuspid valve morphology [MP:0002624]| abnormal semilunar valve morphology [MP:0002746]| abnormal cardiac outflow tract development [MP:0006126]| lethality throughout fetal growth and development [MP:0011099]| complete penetrance [MP:0013241]

Affected Gene: Nfatc1

Catalog Number: 042054-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:9462517](#)

Alternate IDs: MMRRC_42054-JAX, MMRRC_042054, MMRRC_4254

Organism Name: B6.129P2-Nfatc1^{tm1Mak}/Mmjax

Record Creation Time: 20230308T055222+0000

Record Last Update: 20260815T125147+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-*Nfatc1*^{tm1Mak}/Mmjax.

No alerts have been found for B6.129P2-*Nfatc1*^{tm1Mak}/Mmjax.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.