Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 24, 2025

B6;129S-*Myh10*$^{tm6(Myh9/GFP)Rsad}$/Mmnc

RRID:MMRRC_016998-UNC
Type: Organism

Proper Citation

RRID:MMRRC_016998-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=16998

Proper Citation: RRID:MMRRC_016998-UNC

Description: Mus musculus with name B6;129S-*Myh10*$^{tm6(Myh9/GFP)Rsad}$/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Cardiovascular, Cell Biology, Developmental Biology, Models for Human Disease, Neurobiology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: double outlet right ventricle [MP:0000284]| abnormal cerebellar foliation [MP:0000857]| cardiac hypertrophy [MP:0001625]| dilated cardiomyopathy [MP:0002795]| enlarged myocardial fiber [MP:0004564]| decreased cardiac muscle contractility [MP:0005140]| cardiac interstitial fibrosis [MP:0005608]| abnormal neuronal migration [MP:0006009]| decreased survivor rate [MP:0008770]| abnormal fetal cardiomyocyte morphology [MP:0008788]| ventricular septal defect [MP:0010402]| lethality throughout fetal growth and development [MP:0011109]

Affected Gene: Myh10

Catalog Number: 016998-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:17519229

Alternate IDs: MMRRC_16998-UNC, MMRRC_016998, MMRRC_16998

Organism Name: B6;129S-*Myh10*$^{tm6(Myh9/GFP)Rsad}$/Mmnc

Record Creation Time: 20230308T054945+0000

Record Last Update: 20250419T223245+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S-*Myh10*$^{tm6(Myh9/GFP)Rsad}$/Mmnc.

No alerts have been found for B6;129S-*Myh10*$^{tm6(Myh9/GFP)Rsad}$/Mmnc.

Data and Source Information

Source: Integrated Animals

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

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Ma X, et al. (2014) A point mutation in Myh10 causes major defects in heart development and body wall closure. Circulation. Cardiovascular genetics, 7(3), 257.