

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

B6;129S- *Myh10*^{tm3Rsad}/Mmmh

RRID:MMRRC_016142-MU

Type: Organism

Proper Citation

RRID:MMRRC_016142-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=16142

Proper Citation: RRID:MMRRC_016142-MU

Description: Mus musculus with name B6;129S- *Myh10*^{tm3Rsad}/Mmmh from MMRRC.

Species: Mus musculus

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

Phenotype: cardiac hypertrophy [MP:0001625]

Affected Gene: *Myh10*

Catalog Number: 016142-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12893741](#), [PMID:15034141](#)

Alternate IDs: MMRRC_16142-MU, MMRRC_016142, MMRRC_16142

Organism Name: B6;129S- *Myh10*^{tm3Rsad}/Mmmh

Record Creation Time: 20230308T054939+0000

Record Last Update: 20260905T110532+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S- *Myh10*^{tm3Rsad}/Mmmh.

No alerts have been found for B6;129S- *Myh10*^{tm3Rsad}/Mmmh.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

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.

Ma X, et al. (2012) Nonmuscle myosin II exerts tension but does not translocate actin in vertebrate cytokinesis. *Proceedings of the National Academy of Sciences of the United States of America*, 109(12), 4509.