

# Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

## B6;129S- *Myh10*<sup>tm3Rsad</sup>/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](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=16142)

**Proper Citation:** RRID:MMRRC\_016142-MU

**Description:** Mus musculus with name B6;129S- *Myh10*<sup>tm3Rsad</sup>/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*<sup>tm3Rsad</sup>/Mmmh

**Record Creation Time:** 20230308T054939+0000

**Record Last Update:** 20260919T133409+0000

### Ratings and Alerts

No rating or validation information has been found for B6;129S- *Myh10*<sup>tm3Rsad</sup>/Mmmh.

No alerts have been found for B6;129S- *Myh10*<sup>tm3Rsad</sup>/Mmmh.

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## Data and Source Information

**Source:** [Integrated Animals](#)

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

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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.