

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

STOCK *Pln^{tm1Egk}* Tg(Myh6-Pln)22Egk/Mmmh

RRID:MMRRC_000053-MU

Type: Organism

Proper Citation

RRID:MMRRC_000053-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=53

Proper Citation: RRID:MMRRC_000053-MU

Description: Mus musculus with name STOCK *Pln^{tm1Egk}* Tg(Myh6-Pln)22Egk/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Cardiovascular; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal heart shape [MP:0000277] abnormal interventricular septum morphology [MP:0000281] abnormal eye development [MP:0001286] cardiac hypertrophy [MP:0001625] abnormal cardiac output [MP:0001627] premature death [MP:0002083] dilated heart left ventricle [MP:0002753] dilated cardiomyopathy [MP:0002795] increased heart weight [MP:0002833] thick ventricular wall [MP:0002953] abnormal cardiac muscle contractility [MP:0002972] abnormal locomotor activation [MP:0003313] abnormal cardiac muscle relaxation [MP:0004084] abnormal myocardial fiber physiology [MP:0004215] abnormal calcium ion homeostasis [MP:0004231] enlarged myocardial fiber [MP:0004564] decreased cardiac muscle contractility [MP:0005140] decreased heart rate [MP:0005333] increased cardiac muscle contractility [MP:0005599] congestive heart failure [MP:0006138] atrial fibrillation [MP:0008543] increased heart left ventricle size [MP:0010579] abnormal heart left ventricle pressure [MP:0010754] neonatal lethality [MP:0011087] complete penetrance [MP:0011952] decreased cardiac stroke volume [MP:0020346]

Affected Gene: |Pln|Pln|Myh6|

Catalog Number: 000053-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:10988285](#)

Alternate IDs: MMRRC_53-MU, MMRRC_000053, MMRRC_53

Organism Name: STOCK *Pln^{tm1Egk}* Tg(Myh6-Pln)22Egk/Mmmh

Record Creation Time: 20230308T054750+0000

Record Last Update: 20260725T163500+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Pln^{tm1Egk}* Tg(Myh6-Pln)22Egk/Mmmh.

No alerts have been found for STOCK *Pln^{tm1Egk}* Tg(Myh6-Pln)22Egk/Mmmh.

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.