

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

FVB.129S2-*Pln*^{*tm1Egk*}/Mmmh

RRID:MMRRC_000228-MU

Type: Organism

Proper Citation

RRID:MMRRC_000228-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=228

Proper Citation: RRID:MMRRC_000228-MU

Description: Mus musculus with name FVB.129S2-*Pln*^{*tm1Egk*}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: ; 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*

Catalog Number: 000228-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12504816](#)

Alternate IDs: MMRRC_228-MU, MMRRC_000228, MMRRC_228

Organism Name: FVB.129S2-*Pln*^{tm1Egk}/Mmmh

Record Creation Time: 20230308T054751+0000

Record Last Update: 20260801T123204+0000

Ratings and Alerts

No rating or validation information has been found for FVB.129S2-*Pln*^{tm1Egk}/Mmmh.

No alerts have been found for FVB.129S2-*Pln*^{tm1Egk}/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.