

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 12, 2025

B6.129S4(Cg)-Myl2^{tm1(cre)}Krc/AchakJ

RRID:IMSR_JAX:029465

Type: Organism

Proper Citation

RRID:IMSR_JAX:029465

Organism Information

URL: <https://www.jax.org/strain/029465>

Proper Citation: RRID:IMSR_JAX:029465

Description: Mus musculus with name B6.129S4(Cg)-Myl2^{tm1(cre)}Krc/AchakJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: myosin; light polypeptide 2; regulatory; cardiac; slow||myosin; light polypeptide 2; regulatory; cardiac; slow|; mutant strain: Myl2||Myl2|

Affected Gene: myosin; light polypeptide 2; regulatory; cardiac; slow||myosin; light polypeptide 2; regulatory; cardiac; slow|

Genomic Alteration: targeted mutation 1; Kenneth R Chien

Catalog Number: JAX:029465

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:29465

Organism Name: B6.129S4(Cg)-Myl2^{tm1(cre)}Krc/AchakJ

Record Creation Time: 20230509T193328+0000

Record Last Update: 20250412T090743+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4(Cg)-Myl2^{tm1(cre)Krc}/AchakJ.

No alerts have been found for B6.129S4(Cg)-Myl2^{tm1(cre)Krc}/AchakJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Windmueller R, et al. (2020) Direct Comparison of Mononucleated and Binucleated Cardiomyocytes Reveals Molecular Mechanisms Underlying Distinct Proliferative Competencies. Cell reports, 30(9), 3105.

Hancock M, et al. (2018) Myocardial NADPH oxidase-4 regulates the physiological response to acute exercise. eLife, 7.