

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

C.129S1(Cg)-Ryr1^{tm1.1Inp}/Mmucd

RRID:MMRRC_042036-UCD

Type: Organism

Proper Citation

RRID:MMRRC_042036-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=42036

Proper Citation: RRID:MMRRC_042036-UCD

Description: Mus musculus with name C.129S1(Cg)-Ryr1^{tm1.1Inp}/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal muscle physiology [MP:0002106]| acidemia [MP:0003030]| abnormal soleus morphology [MP:0003081]| impaired muscle relaxation [MP:0003157]| abnormal physiological response to xenobiotic [MP:0008872]| increased core body temperature [MP:0011016]| increased susceptibility to malignant hyperthermia [MP:0020214]

Affected Gene: Ryr1

Catalog Number: 042036-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:22131268](#), [PMID:22139840](#)

Alternate IDs: MMRRC_42036-UCD, MMRRC_042036, MMRRC_4236

Organism Name: C.129S1(Cg)-Ryr1^{tm1.1Inp}/Mmucd

Record Creation Time: 20230308T055222+0000

Record Last Update: 20260815T125146+0000

Ratings and Alerts

No rating or validation information has been found for C.129S1(Cg)-*Ryr1*^{tm1.1Inp}/Mmucd.

No alerts have been found for C.129S1(Cg)-*Ryr1*^{tm1.1Inp}/Mmucd.

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.