

Resource Summary Report

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

B6.129S1(129X1)-Ryr1^{tm2.1Alle}/Mmucd

RRID:MMRRC_042039-UCD

Type: Organism

Proper Citation

RRID:MMRRC_042039-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=42039

Proper Citation: RRID:MMRRC_042039-UCD

Description: Mus musculus with name B6.129S1(129X1)-Ryr1^{tm2.1Alle}/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: hypercapnia [MP:0002318]| acidemia [MP:0003030]| abnormal calcium ion homeostasis [MP:0004231]| increased pulmonary respiratory rate [MP:0005573]| increased sensitivity to xenobiotic induced morbidity/mortality [MP:0009766]| lethality throughout fetal growth and development [MP:0011099]| complete penetrance [MP:0020214]

Affected Gene: Ryr1

Catalog Number: 042039-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:17122579](#)

Alternate IDs: MMRRC_42039-UCD, MMRRC_042039, MMRRC_4239

Organism Name: B6.129S1(129X1)-Ryr1^{tm2.1Alle}/Mmucd

Record Creation Time: 20230308T055222+0000

Record Last Update: 20260919T134056+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S1(129X1)-*Ryr1*^{tm2.1Alle}/Mmucd.

No alerts have been found for B6.129S1(129X1)-*Ryr1*^{tm2.1Alle}/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.