

Resource Summary Report

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

129X1.129S1(B6J)-Ryr1^{tm2.1Alle}/Mmucd

RRID:MMRRC_042041-UCD

Type: Organism

Proper Citation

RRID:MMRRC_042041-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=42041

Proper Citation: RRID:MMRRC_042041-UCD

Description: Mus musculus with name 129X1.129S1(B6J)-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: 042041-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:17122579](#)

Alternate IDs: MMRRC_42041-UCD, MMRRC_042041, MMRRC_4241

Organism Name: 129X1.129S1(B6J)-Ryr1^{tm2.1Alle}/Mmucd

Record Creation Time: 20230308T055222+0000

Record Last Update: 20260815T125146+0000

Ratings and Alerts

No rating or validation information has been found for 129X1.129S1(B6J)-*Ryr1*^{tm2.1Alle}/Mmucd.

No alerts have been found for 129X1.129S1(B6J)-*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.