

# Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

## B6J.129S1(129X1)-Ryr1<sup>tm1.1Inp</sup>/Mmucd

RRID:MMRRC\_042038-UCD

Type: Organism

### Proper Citation

RRID:MMRRC\_042038-UCD

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=42038](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=42038)

**Proper Citation:** RRID:MMRRC\_042038-UCD

**Description:** Mus musculus with name B6J.129S1(129X1)-Ryr1<sup>tm1.1Inp</sup>/Mmucd from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Cell Biology, Metabolism, Models for Human Disease; 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:** 042038-UCD

**Background:** Targeted Mutation

**Database:** Mutant Mouse Resource and Research Center (MMRRC)

**Database Abbreviation:** MMRRC

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

**Alternate IDs:** MMRRC\_42038-UCD, MMRRC\_042038, MMRRC\_4238

**Organism Name:** B6J.129S1(129X1)-Ryr1<sup>tm1.1Inp</sup>/Mmucd

**Record Creation Time:** 20230308T055222+0000

**Record Last Update:** 20260815T125151+0000

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## Ratings and Alerts

No rating or validation information has been found for B6J.129S1(129X1)-*Ryr1*<sup>tm1.1Inp</sup>/Mmucd.

No alerts have been found for B6J.129S1(129X1)-*Ryr1*<sup>tm1.1Inp</sup>/Mmucd.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Mutant Mouse Resource and Research Center (MMRRC)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.