

Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

[Ryr1^{tm2.1Alle}/Ryr1⁺](#)

RRID:MGI:4887395

Type: Organism

Proper Citation

RRID:MGI:4887395

Organism Information

URL:

Proper Citation: RRID:MGI:4887395

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal calcium ion homeostasis, increased pulmonary respiratory rate, increased sensitivity to xenobiotic induced morbidity/mortality, hypercapnia, acidemia, increased susceptibility to malignant hyperthermia

Affected Gene: Ryr1

Genomic Alteration: tm2.1Alle

Catalog Number: 4887395

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17122579](#)

Organism Name: Ryr1^{tm2.1Alle}/Ryr1⁺

Record Creation Time: 20240120T190233+0000

Record Last Update: 20240130T201808+0000

Ratings and Alerts

No rating or validation information has been found for Ryr1^{tm2.1Alle}/Ryr1⁺.

No alerts have been found for Ryr1^{tm2.1Alle}/Ryr1⁺.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.