

# Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

[Syne2<sup>tm1Rexu</sup>/Syne2<sup>tm1Rexu</sup>; Syne1<sup>tm1Rexu</sup>/Syne1<sup>tm1Rexu</sup>](#)

RRID:MGI:3700925

Type: Organism

## Proper Citation

RRID:MGI:3700925

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3700925

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

**Species:** Mus musculus

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

**Phenotype:** neonatal lethality, complete penetrance, respiratory failure, abnormal respiratory mechanics, abnormal phrenic nerve morphology, abnormal neuromuscular synapse morphology

**Affected Gene:** Syne2, Syne1

**Genomic Alteration:** tm1Rexu

**Catalog Number:** 3700925

**Background:** involves: 129 \* C57BL/6

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:17267447](#)

**Organism Name:** Syne2<sup>tm1Rexu</sup>/Syne2<sup>tm1Rexu</sup>; Syne1<sup>tm1Rexu</sup>/Syne1<sup>tm1Rexu</sup>

**Record Creation Time:** 20240120T190529+0000

**Record Last Update:** 20240130T202037+0000

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## Ratings and Alerts

No rating or validation information has been found for Syne2<sup>tm1Rexu</sup>/Syne2<sup>tm1Rexu</sup>; Syne1<sup>tm1Rexu</sup>/Syne1<sup>tm1Rexu</sup>.

No alerts have been found for Syne2<sup>tm1Rexu</sup>/Syne2<sup>tm1Rexu</sup>; Syne1<sup>tm1Rexu</sup>/Syne1<sup>tm1Rexu</sup>.

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## Data and Source Information

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

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.