

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

[Syne2^{tm1Rexu}/Syne2^{tm1Rexu}; Syne1^{tm1Rexu}/Syne1^{tm1Rexu}](#)

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^{tm1Rexu}/Syne2^{tm1Rexu}; Syne1^{tm1Rexu}/Syne1^{tm1Rexu}

Record Creation Time: 20240120T190529+0000

Record Last Update: 20240130T202037+0000

Ratings and Alerts

No rating or validation information has been found for Syne2^{tm1Rexu}/Syne2^{tm1Rexu}; Syne1^{tm1Rexu}/Syne1^{tm1Rexu}.

No alerts have been found for Syne2^{tm1Rexu}/Syne2^{tm1Rexu}; Syne1^{tm1Rexu}/Syne1^{tm1Rexu}.

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.