

Resource Summary Report

Generated by [nidm-terms](#) on Jul 31, 2026

[Syne1^{tm1.1Chen}/Syne1^{tm1.1Chen}](#)

RRID:MGI:4414832

Type: Organism

Proper Citation

RRID:MGI:4414832

Organism Information

URL:

Proper Citation: RRID:MGI:4414832

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

Species: Mus musculus

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

Phenotype: abnormal skeletal muscle fiber morphology, abnormal muscle physiology, centrally nucleated skeletal muscle fibers, postnatal growth retardation, impaired exercise endurance, absent gastric milk in neonates, cardiovascular system phenotype, decreased body weight, postnatal lethality, incomplete penetrance, weakness

Affected Gene: Syne1

Genomic Alteration: tm1.1Chen

Catalog Number: 4414832

Background: involves: 129S1/Sv * 129S4/SvJae * 129X1/SvJ * Black Swiss

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19864491](#)

Organism Name: Syne1^{tm1.1Chen}/Syne1^{tm1.1Chen}

Record Creation Time: 20240120T190314+0000

Record Last Update: 20240130T201912+0000

Ratings and Alerts

No rating or validation information has been found for Syne1^{tm1.1Chen}/Syne1^{tm1.1Chen}.

No alerts have been found for Syne1^{tm1.1Chen}/Syne1^{tm1.1Chen}.

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.