

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

[Mbni1^{tm1Sws}/Mbni1^{tm1Sws}](#); [Mbni2^{tm1.1Sws}/Mbni2⁺](#)

RRID:MGI:5616747

Type: Organism

Proper Citation

RRID:MGI:5616747

Organism Information

URL:

Proper Citation: RRID:MGI:5616747

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

Species: Mus musculus

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

Phenotype: dilated heart atrium, decreased grip strength, decreased body weight, cardiac interstitial fibrosis, abnormal motor coordination/balance, cardiac fibrosis, atrioventricular block, impaired coordination, impaired muscle relaxation, prolonged QRS complex duration, abnormal neuromuscular synapse morphology, heart left ventricle hypertrophy, enlarged heart, prolonged QT interval, muscle degeneration, premature death, progressive muscle weakness, prolonged PR interval

Affected Gene: Mbni2, Mbni1

Genomic Alteration: tm1.1Sws, tm1Sws

Catalog Number: 5616747

Background: involves: 129S1/Sv * 129S1/SvImJ * C57BL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24293317](#)

Organism Name: Mbni1^{tm1Sws}/Mbni1^{tm1Sws}; Mbni2^{tm1.1Sws}/Mbni2⁺

Record Creation Time: 20240120T190034+0000

Record Last Update: 20240130T201658+0000

Ratings and Alerts

No rating or validation information has been found for Mbnl1^{tm1Sws}/Mbnl1^{tm1Sws}; Mbnl2^{tm1.1Sws}/Mbnl2⁺.

No alerts have been found for Mbnl1^{tm1Sws}/Mbnl1^{tm1Sws}; Mbnl2^{tm1.1Sws}/Mbnl2⁺.

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.