

Resource Summary Report

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

[Smarchb1^{tm1Mya}/Smarchb1^{tm1Mya}](#)

RRID:MGI:3035910

Type: Organism

Proper Citation

RRID:MGI:3035910

Organism Information

URL:

Proper Citation: RRID:MGI:3035910

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

Species: Mus musculus

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

Phenotype: abnormal inner cell mass apoptosis, increased trophectoderm apoptosis, embryonic lethality between implantation and somite formation, complete penetrance, failure of blastocyst to hatch from the zona pellucida, failure of embryo implantation

Affected Gene: Smarchb1

Genomic Alteration: tm1Mya

Catalog Number: 3035910

Background: involves: 129S2/SvPas * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11263494](#)

Organism Name: Smarchb1^{tm1Mya}/Smarchb1^{tm1Mya}

Record Creation Time: 20240120T190709+0000

Record Last Update: 20240130T202045+0000

Ratings and Alerts

No rating or validation information has been found for Smarcb1^{tm1Mya}/Smarcb1^{tm1Mya}.

No alerts have been found for Smarcb1^{tm1Mya}/Smarcb1^{tm1Mya}.

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.