

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

[Sh2b1^{tm1Ayo}](#)/[Sh2b1^{tm1Ayo}](#)

RRID:MGI:2662461

Type: Organism

Proper Citation

RRID:MGI:2662461

Organism Information

URL:

Proper Citation: RRID:MGI:2662461

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

Species: Mus musculus

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

Phenotype: decreased body weight, reduced female fertility, endocrine/exocrine gland phenotype, postnatal growth retardation, abnormal oocyte morphology, asthenozoospermia, neonatal lethality, incomplete penetrance, proportional dwarf, decreased ovary weight, abnormal uterus development, testis hypoplasia, oligozoospermia, Leydig cell hypoplasia, immune system phenotype, abnormal epididymis morphology, decreased testis weight, reduced male fertility, ovary hypoplasia, abnormal ovulation, abnormal ovarian folliculogenesis

Affected Gene: Sh2b1

Genomic Alteration: tm1Ayo

Catalog Number: 2662461

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11940664](#)

Organism Name: Sh2b1^{tm1AyoS}/Sh2b1^{tm1AyoS}

Record Creation Time: 20240120T190735+0000

Record Last Update: 20240130T202100+0000

Ratings and Alerts

No rating or validation information has been found for Sh2b1^{tm1AyoS}/Sh2b1^{tm1AyoS}.

No alerts have been found for Sh2b1^{tm1AyoS}/Sh2b1^{tm1AyoS}.

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.