

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

[B4galt1^{tm1Shur}/B4galt1^{tm1Shur}](#)

RRID:MGI:3664861

Type: Organism

Proper Citation

RRID:MGI:3664861

Organism Information

URL:

Proper Citation: RRID:MGI:3664861

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

Species: Mus musculus

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

Phenotype: abnormal sperm physiology, abnormal adrenal gland zona fasciculata morphology, small adenohypophysis, small seminiferous tubules, abnormal enzyme/coenzyme activity, decreased circulating thyroxine level, postnatal lethality, incomplete penetrance, abnormal sperm motility, abnormal adrenal cortex morphology, small adrenal glands, dystocia, abnormal adenohypophysis development, abnormal spermatogenesis, abnormal pulmonary alveolus morphology, dehydration, digestive/alimentary phenotype, decreased subcutaneous adipose tissue amount, decreased hair follicle number, abnormal pulmonary alveolar system morphology, abnormal adrenal gland zona reticularis morphology, neonatal lethality, incomplete penetrance, neonatal lethality, incomplete penetrance, long gestation period, impaired acrosome reaction, sparse hair, thick pulmonary interalveolar septum, lactation failure, thin skin, postnatal growth retardation, abnormal fertilization

Affected Gene: B4galt1

Genomic Alteration: tm1Shur

Catalog Number: 3664861

Background: involves: 129S7/SvEvBrd * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9374408](#), [PMID:9013935](#)

Organism Name: B4galt1^{tm1Shur}/B4galt1^{tm1Shur}

Record Creation Time: 20240120T190545+0000

Record Last Update: 20240130T201956+0000

Ratings and Alerts

No rating or validation information has been found for B4galt1^{tm1Shur}/B4galt1^{tm1Shur}.

No alerts have been found for B4galt1^{tm1Shur}/B4galt1^{tm1Shur}.

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.