

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

[Sirt1^{tm1Mcby}/Sirt1^{tm1Mcby}](#)

RRID:MGI:4456087

Type: Organism

Proper Citation

RRID:MGI:4456087

Organism Information

URL:

Proper Citation: RRID:MGI:4456087

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

Species: Mus musculus

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

Phenotype: abnormal eyelid morphology, perinatal lethality, short snout, male infertility, female infertility, eyelids fail to open, decreased body weight, male infertility, decreased body size, lethargy, increased autoantibody level, hyperpnea, female infertility, decreased body size, abnormal salivary gland morphology, abnormal palatal rugae morphology, abnormal lacrimal gland morphology, ocular hypotelorism

Affected Gene: Sirt1

Genomic Alteration: tm1Mcby

Catalog Number: 4456087

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:28273169](#), [PMID:17877786](#)

Organism Name: Sirt1^{tm1Mcby}/Sirt1^{tm1Mcby}

Record Creation Time: 20240120T190258+0000

Record Last Update: 20240130T201821+0000

Ratings and Alerts

No rating or validation information has been found for Sirt1^{tm1Mcby}/Sirt1^{tm1Mcby}.

No alerts have been found for Sirt1^{tm1Mcby}/Sirt1^{tm1Mcby}.

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.