

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

[Sirt1^{tm2.1Mcby}/Sirt1^{tm2.1Mcby}](#)

RRID:MGI:5306958

Type: Organism

Proper Citation

RRID:MGI:5306958

Organism Information

URL:

Proper Citation: RRID:MGI:5306958

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

Species: Mus musculus

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

Phenotype: male infertility, abnormal craniofacial morphology, perinatal lethality, abnormal eyelid morphology, abnormal lacrimal gland morphology, abnormal salivary gland morphology, postnatal lethality, incomplete penetrance, decreased body size, hyperpnea

Affected Gene: Sirt1

Genomic Alteration: tm2.1Mcby

Catalog Number: 5306958

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:22006156](#)

Organism Name: Sirt1^{tm2.1Mcby}/Sirt1^{tm2.1Mcby}

Record Creation Time: 20240120T190158+0000

Record Last Update: 20240130T201749+0000

Ratings and Alerts

No rating or validation information has been found for Sirt1^{tm2.1Mcby}/Sirt1^{tm2.1Mcby}.

No alerts have been found for Sirt1^{tm2.1Mcby}/Sirt1^{tm2.1Mcby}.

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.