

Resource Summary Report

Generated by [NIF](#) on Aug 24, 2026

[Sirt1^{tm1.1Ygu}/Sirt1^{tm1.1Ygu}](#)

RRID:MGI:3713751

Type: Organism

Proper Citation

RRID:MGI:3713751

Organism Information

URL:

Proper Citation: RRID:MGI:3713751

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, postnatal lethality, abnormal mammary gland morphology, neonatal lethality, incomplete penetrance, hypolactation, perinatal lethality, incomplete penetrance, postnatal growth retardation, abnormal branching of the mammary ductal tree, abnormal mammary gland growth during pregnancy, reproductive system phenotype

Affected Gene: Sirt1

Genomic Alteration: tm1.1Ygu

Catalog Number: 3713751

Background: involves: 129S1/Sv * 129X1/SvJ * BALB/c * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17201918](#)

Organism Name: Sirt1^{tm1.1Ygu}/Sirt1^{tm1.1Ygu}

Record Creation Time: 20240120T190518+0000

Record Last Update: 20240130T201940+0000

Ratings and Alerts

No rating or validation information has been found for Sirt1^{tm1.1Ygu}/Sirt1^{tm1.1Ygu}.

No alerts have been found for Sirt1^{tm1.1Ygu}/Sirt1^{tm1.1Ygu}.

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.