

# Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

## [Sirt1<sup>tm1.1Ygu</sup>/Sirt1<sup>tm1.1Ygu</sup>](#)

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<sup>tm1.1Ygu</sup>/Sirt1<sup>tm1.1Ygu</sup>

**Record Creation Time:** 20240120T190518+0000

**Record Last Update:** 20240130T201940+0000

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## Ratings and Alerts

No rating or validation information has been found for Sirt1<sup>tm1.1Ygu</sup>/Sirt1<sup>tm1.1Ygu</sup>.

No alerts have been found for Sirt1<sup>tm1.1Ygu</sup>/Sirt1<sup>tm1.1Ygu</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.