

# Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

## 129S1.Cg-Sirt1<sup>tm3.1Mcby</sup>/Mmjax

RRID:MMRRC\_043520-JAX

Type: Organism

### Proper Citation

RRID:MMRRC\_043520-JAX

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=43520](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=43520)

**Proper Citation:** RRID:MMRRC\_043520-JAX

**Description:** Mus musculus with name 129S1.Cg-Sirt1<sup>tm3.1Mcby</sup>/Mmjax from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Cancer, Cell Biology, Developmental Biology, Diabetes, Immunology and Inflammation, Metabolism, Obesity, Research Tools; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** short snout [MP:0000445] abnormal salivary gland morphology [MP:0000613] abnormal lacrimal gland morphology [MP:0001346] reduced male fertility [MP:0001922] ocular hypotelorism [MP:0006197]

**Affected Gene:** Sirt1

**Catalog Number:** 043520-JAX

**Background:** Targeted Mutation

**Database:** Mutant Mouse Resource and Research Center (MMRRC)

**Database Abbreviation:** MMRRC

**Alternate IDs:** MMRRC\_43520-JAX, MMRRC\_043520, MMRRC\_4352

**Organism Name:** 129S1.Cg-Sirt1<sup>tm3.1Mcby</sup>/Mmjax

**Record Creation Time:** 20230308T055233+0000

**Record Last Update:** 20260815T125251+0000

### Ratings and Alerts

No rating or validation information has been found for 129S1.Cg-*Sirt1*<sup>tm3.1Mcb</sup>y/Mmjax.

No alerts have been found for 129S1.Cg-*Sirt1*<sup>tm3.1Mcb</sup>y/Mmjax.

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## Data and Source Information

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

**Source Database:** Mutant Mouse Resource and Research Center (MMRRC)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.