

Resource Summary Report

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

129S1.Cg-Sirt1^{tm3.1Mcby}/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

Proper Citation: RRID:MMRRC_043520-JAX

Description: Mus musculus with name 129S1.Cg-Sirt1^{tm3.1Mcby}/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^{tm3.1Mcby}/Mmjax

Record Creation Time: 20230308T055233+0000

Record Last Update: 20260919T134124+0000

Ratings and Alerts

No rating or validation information has been found for 129S1.Cg-*Sirt1*^{tm3.1Mcb}y/Mmjax.

No alerts have been found for 129S1.Cg-*Sirt1*^{tm3.1Mcb}y/Mmjax.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We have not found any literature mentions for this resource.