

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

SS-Sirt3^{em4Mcwi}

RRID:RGD_10054453

Type: Organism

Proper Citation

RRID:RGD_10054453

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=10054453>

Proper Citation: RRID:RGD_10054453

Description: Rattus norvegicus with name SS-Sirt3^{em4Mcwi} from RGD.

Species: Rattus norvegicus

Notes: CRISPR/Cas9 system was used to introduce a mutation in the Sirt3 gene of SS/JrHsdMcwi rat embryos. The resulting mutation is a 7-bp deletion in the Sirt3 gene. Contact MCW rat distribution at mcwcustomrats@mcw.edu

Catalog Number: 10054453

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Sperm (as of 2017-01-26)

Alternate IDs: 10054453

Organism Name: SS-Sirt3^{em4Mcwi}

Record Creation Time: 20230509T191927+0000

Record Last Update: 20260919T201814+0000

Ratings and Alerts

No rating or validation information has been found for SS-Sirt3^{em4Mcwi}.

No alerts have been found for SS-*Sirt3^{em4Mcwi}*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.