

Resource Summary Report

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

T2DN-Sirt3^{em35Mcowi}

RRID:RGD_10054456

Type: Organism

Proper Citation

RRID:RGD_10054456

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=10054456>

Proper Citation: RRID:RGD_10054456

Description: Rattus norvegicus with name T2DN-Sirt3^{em35Mcowi} from RGD.

Species: Rattus norvegicus

Notes: CRISPR/Cas9 system was used to introduce a mutation in the Sirt3 gene of T2DN/Mcowi rat embryos. The resulting mutation is a 82-bp deletion of exon 3 in the Sirt3 gene. Contact MCW rat distribution at mcwcustomrats@mcw.edu

Catalog Number: 10054456

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Sperm (as of 2018-10-22)

Alternate IDs: 10054456

Organism Name: T2DN-Sirt3^{em35Mcowi}

Record Creation Time: 20230509T191927+0000

Record Last Update: 20260919T201814+0000

Ratings and Alerts

No rating or validation information has been found for T2DN-Sirt3^{em35Mcowi}.

No alerts have been found for T2DN-*Sirt3*^{em35Mcowi}.

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.