

Resource Summary Report

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

SS-Mlycd^{em1Mcwi}

RRID:RGD_150520052

Type: Organism

Proper Citation

RRID:RGD_150520052

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=150520052>

Proper Citation: RRID:RGD_150520052

Description: Rattus norvegicus with name SS-Mlycd^{em1Mcwi} from RGD.

Species: Rattus norvegicus

Notes: CRISPR/Cas9 system was used to introduce a mutation in the Mlycd gene of SS/JrHsdMcwi rat embryos. This resulted in a global knock-out of the rat Mlycd gene. Please contact: mcwcustomrats@mcw.edu

Catalog Number: 150520052

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 150520052

Organism Name: SS-Mlycd^{em1Mcwi}

Record Creation Time: 20230509T191950+0000

Record Last Update: 20260919T201850+0000

Ratings and Alerts

No rating or validation information has been found for SS-Mlycd^{em1Mcwi}.

No alerts have been found for SS-*Mlycd^{em1Mcwi}*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Kravtsova O, et al. (2026) MCD enzyme deficiency drives early mortality and multiorgan metabolic disruption in Dahl salt-sensitive rats. *iScience*, 29(1), 114505.