

Resource Summary Report

Generated by [dkNET](#) on Sep 14, 2026

SS-Sod3^{m1Mcowi}

RRID:RRRC_00415

Type: Organism

Proper Citation

RRID:RRRC_00415

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=1599758

Proper Citation: RRID:RRRC_00415

Description: Rattus norvegicus with name SS-Sod3^{m1Mcowi} from RGD.

Species: Rattus norvegicus

Notes: Male founders were injected with ENU (N-ethyl-N-nitrosourea) and harem bred to females. The pups were genetically screened using the TILLING assay (an enzyme-based heteroduplex cleavage assay) as well as nucleotide sequencing to identify and characterize target genes possessing ENU-induced mutations. The E124D mutation was generated from the codon change GAG/GAT. [Rat Resource and Research Center](#)

Catalog Number: 00415

Background: mutant

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Cryopreserved Sperm (as of 2021-11-03)

Alternate IDs: RGD_1599758, 1599758, RRRC_415, RRRC_0415, RRRC_00415

Organism Name: SS-Sod3^{m1Mcowi}

Record Creation Time: 20230607T202005+0000

Record Last Update: 20260912T111854+0000

Ratings and Alerts

No rating or validation information has been found for SS-*Sod3^{m1Mcwi}* .

No alerts have been found for SS-*Sod3^{m1Mcwi}* .

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.