

Resource Summary Report

Generated by [dkNET](#) on Sep 15, 2026

SS-Cacna1g^{m1Mcwi}

RRID:RGD_1642282

Type: Organism

Proper Citation

RRID:RGD_1642282

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=1642282>

Proper Citation: RRID:RGD_1642282

Description: Rattus norvegicus with name SS-Cacna1g^{m1Mcwi} from RGD.

Species: Rattus norvegicus

Notes: Male founders are injected with ENU (N-ethyl-N-nitrosourea) and harem bred to females. The pups are 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. S490T mutation is generated from the codon change TCT/ACT.

Catalog Number: 1642282

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 1642282

Organism Name: SS-Cacna1g^{m1Mcwi}

Record Creation Time: 20230509T191934+0000

Record Last Update: 20260912T202512+0000

Ratings and Alerts

No rating or validation information has been found for SS-*Cacna1g*^{m1Mcwi}.

No alerts have been found for SS-*Cacna1g*^{m1Mcwi}.

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.