

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

SS-Kcna5^{m1Mcwi}

RRID:RRRC_00418

Type: Organism

Proper Citation

RRID:RRRC_00418

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=1642276

Proper Citation: RRID:RRRC_00418

Description: Rattus norvegicus with name SS-Kcna5^{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. N152K mutation is generated from the codon change AAT/AAA. [Rat Resource and Research Center](#)

Catalog Number: 00418

Background: mutant

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

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

Alternate IDs: RGD_1642276, 1642276, RRRC_418, RRRC_0418, RRRC_00418

Organism Name: SS-Kcna5^{m1Mcwi}

Record Creation Time: 20230607T202006+0000

Record Last Update: 20260808T100719+0000

Ratings and Alerts

No rating or validation information has been found for SS-*Kcna5*^{m1Mcwi} .

No alerts have been found for SS-*Kcna5*^{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.