

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

SS-Klf4^{m3Mcwi}

RRID:RRRC_00417

Type: Organism

Proper Citation

RRID:RRRC_00417

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=1642271

Proper Citation: RRID:RRRC_00417

Description: Rattus norvegicus with name SS-Klf4^{m3Mcwi} 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. H344L mutation is generated from the codon change CAT/CTT. [Rat Resource and Research Center](#)

Catalog Number: 00417

Background: mutant

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

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

Alternate IDs: RGD_1642271, 1642271, RRRC_417, RRRC_0417, RRRC_00417

Organism Name: SS-Klf4^{m3Mcwi}

Record Creation Time: 20230607T202005+0000

Record Last Update: 20260808T100719+0000

Ratings and Alerts

No rating or validation information has been found for SS-*Klf4*^{m3M_{cwi}} .

No alerts have been found for SS-*Klf4*^{m3M_{cwi}} .

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.