

# Resource Summary Report

Generated by SPARC SAWG on Aug 29, 2026

## SS-Serpina5<sup>m1Mcowi</sup>

RRID:RGD\_1642289

Type: Organism

### Proper Citation

RRID:RGD\_1642289

### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=1642289>

**Proper Citation:** RRID:RGD\_1642289

**Description:** Rattus norvegicus with name SS-Serpina5<sup>m1Mcowi</sup> 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. H24R mutation is generated from the codon change CAT/CGT.

**Catalog Number:** 1642289

**Background:** mutant

**Database:** Rat Genome Database (RGD)

**Database Abbreviation:** RGD

**Availability:** Unknown

**Alternate IDs:** 1642289

**Organism Name:** SS-Serpina5<sup>m1Mcowi</sup>

**Record Creation Time:** 20230509T191935+0000

**Record Last Update:** 20260815T190650+0000

### Ratings and Alerts

No rating or validation information has been found for SS-*Serpina5*<sup>m1Mcwi</sup>.

No alerts have been found for SS-*Serpina5*<sup>m1Mcwi</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Rat Genome Database (RGD)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.