

Resource Summary Report

Generated by [dkNET](#) on Sep 11, 2026

SS-Mmp2^{em2Mcowi}

RRID:RGD_4139878

Type: Organism

Proper Citation

RRID:RGD_4139878

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=4139878>

Proper Citation: RRID:RGD_4139878

Description: Rattus norvegicus with name SS-Mmp2^{em2Mcowi} from RGD.

Species: Rattus norvegicus

Notes: This strain was produced by injecting ZFNs targeting the sequence aaccacaaccaactacgatgatgaccggaagtggggc into SS/JrHsdMcowi rat embryos. The resulting mutation is a 8-bp frameshift deletion in exon 7.

Catalog Number: 4139878

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

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

Alternate IDs: 4139878

Organism Name: SS-Mmp2^{em2Mcowi}

Record Creation Time: 20230509T191940+0000

Record Last Update: 20260905T135226+0000

Ratings and Alerts

No rating or validation information has been found for SS-Mmp2^{em2Mcowi}.

No alerts have been found for *SS-Mmp2^{em2Mcwi}*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Hirata T, et al. (2023) Knockout of Matrix Metalloproteinase 2 Opposes Hypertension- and Diabetes-induced Nephropathy. Journal of cardiovascular pharmacology, 82(6), 445.