

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

SS-Rfwd2^{em1Mcowi}

RRID:RGD_12790717

Type: Organism

Proper Citation

RRID:RGD_12790717

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=12790717>

Proper Citation: RRID:RGD_12790717

Description: Rattus norvegicus with name SS-Rfwd2^{em1Mcowi} from RGD.

Species: Rattus norvegicus

Notes: This strain was produced by targeting the Rfwd2 sequence in SS/JrHsdMcowi rat embryos. The resulting mutation is a 6-bp insertion (7-bp insertion in the 1-bp deletion site) in exon 4.

Catalog Number: 12790717

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

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

Alternate IDs: 12790717

Organism Name: SS-Rfwd2^{em1Mcowi}

Record Creation Time: 20230509T191947+0000

Record Last Update: 20260919T201846+0000

Ratings and Alerts

No rating or validation information has been found for SS-Rfwd2^{em1Mcowi}.

No alerts have been found for *SS-Rfwd2^{em1Mcwi}*.

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](#).

Ying M, et al. (2026) RFWD2 Mitigates AD-Like Cognitive Impairments via the JNK-SGK1 Signaling Pathway in Mice. *CNS neuroscience & therapeutics*, 32(4), e70860.