

Resource Summary Report

Generated by SPARC SAWG on Aug 8, 2026

SS-Kcnj16^{em1Mcowi}

RRID:RGD_6893434

Type: Organism

Proper Citation

RRID:RGD_6893434

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=6893434>

Proper Citation: RRID:RGD_6893434

Description: Rattus norvegicus with name SS-Kcnj16^{em1Mcowi} from RGD.

Species: Rattus norvegicus

Notes: This strain was produced by injecting ZFNs targeting the sequence AGCTGCATCATAAACACCTtcacATTGGGGCAGCCTTGGCA into SS/JrHsdMcowi rat embryos. The resulting mutation is a 18-bp deletion in exon 1.

Catalog Number: 6893434

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

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

Alternate IDs: 6893434

Organism Name: SS-Kcnj16^{em1Mcowi}

Record Creation Time: 20230509T191943+0000

Record Last Update: 20260808T193735+0000

Ratings and Alerts

No rating or validation information has been found for SS-Kcnj16^{em1Mcowi}.

No alerts have been found for *SS-Kcnj16^{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 [SPARC SAWG](#) .

Xu B, et al. (2024) Deletion of Kcnj16 altered transcriptomic and metabolomic profiles of Dahl salt-sensitive rats. *iScience*, 27(10), 110901.