

# Resource Summary Report

Generated by [kravitz2](#) on Aug 1, 2026

## SS-Kcnj16<sup>em1Mcowi</sup>

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<sup>em1Mcowi</sup> from RGD.

**Species:** Rattus norvegicus

**Notes:** This strain was produced by injecting ZFNs targeting the sequence AGCTGCATCATAAACACCTcatcATTGGGGCAGCCTTGGCA 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<sup>em1Mcowi</sup>

**Record Creation Time:** 20230509T191943+0000

**Record Last Update:** 20260801T194033+0000

### Ratings and Alerts

No rating or validation information has been found for SS-Kcnj16<sup>em1Mcowi</sup>.

No alerts have been found for *SS-Kcnj16<sup>em1Mcwi</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 found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

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