

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

## F344-Slc16a12<sup>Tn(sb-T2/Bart3)2.298Mcwi</sup>

RRID:RRRC\_00438

Type: Organism

### Proper Citation

RRID:RRRC\_00438

### Organism Information

**URL:** [http://rgd.mcw.edu/tools/strains/strains\\_view.cgi?id=2303100](http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=2303100)

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**Description:** Rattus norvegicus with name F344-Slc16a12<sup>Tn(sb-T2/Bart3)2.298Mcwi</sup> from RGD.

**Species:** Rattus norvegicus

**Notes:** These Sleeping Beauty mutants were derived by crossing F344-TgTn(T2/Bart3)2Ceb (RGD:2290163) and F344-Tg(PGK2-sb11)Ceb (RGD:2290169). This mutation consists of an insertion of a Sleeping Beauty transposable element gene trap construct into the 1st intron of the Slc16a12 gene. [Rat Resource and Research Center](#)

**Catalog Number:** 00438

**Background:** mutant

**Database:** Rat Resource and Research Center (RRRC)

**Database Abbreviation:** RRRC

**Availability:** Cryopreserved Sperm (as of 2017-01-26)

**Alternate IDs:** RGD\_2303100, 2303100, RRRC\_438, RRRC\_0438, RRRC\_00438

**Organism Name:** F344-Slc16a12<sup>Tn(sb-T2/Bart3)2.298Mcwi</sup>

**Record Creation Time:** 20230607T202006+0000

**Record Last Update:** 20260808T100721+0000

### Ratings and Alerts

No rating or validation information has been found for F344-*Slc16a12*<sup>Tn(sb-T2/Bart3)</sup>2.298Mcwi .

No alerts have been found for F344-*Slc16a12*<sup>Tn(sb-T2/Bart3)</sup>2.298Mcwi .

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## Data and Source Information

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

**Source Database:** Rat Resource and Research Center (RRRC)

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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 [SPARC SAWG](#) .

Verouti SN, et al. (2021) Solute carrier SLC16A12 is critical for creatine and guanidinoacetate handling in the kidney. American journal of physiology. Renal physiology, 320(3), F351.