

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

F344-Slc16a12^{Tn(sb-T2/Bart3)2.298Mcowi}

RRID:RRRC_00438

Type: Organism

Proper Citation

RRID:RRRC_00438

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=2303100

Proper Citation: RRID:RRRC_00438

Description: Rattus norvegicus with name F344-Slc16a12^{Tn(sb-T2/Bart3)2.298Mcowi} 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^{Tn(sb-T2/Bart3)2.298Mcowi}

Record Creation Time: 20230607T202006+0000

Record Last Update: 20260815T100424+0000

Ratings and Alerts

No rating or validation information has been found for F344-*Slc16a12*^{Tn(sb-T2/Bart3)}2.298Mcwi .

No alerts have been found for F344-*Slc16a12*^{Tn(sb-T2/Bart3)}2.298Mcwi .

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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.