

Resource Summary Report

Generated by PRECISE-TBI on Jul 29, 2026

CD-Slc30a10^{em1}Sommu

RRID:RGD_401795484

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=401795484>

Proper Citation: RRID:RGD_401795484

Description: Rattus norvegicus with name CD-Slc30a10^{em1}Sommu from RGD.

Species: Rattus norvegicus

Notes: Exon 1 of Slc30a10 was targeted using CRISPR/Cas9 in the Crl:CD(SD) embryos . A mosaic founder that transmitted a 248 bp deletion in exon 1 of Slc30a10 leading to an out of frame mutation after amino acid 22 was bred to a CD rat to select for the above deletion and establish the line. The strain will be deposited to RRRC.

Catalog Number: 401795484

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Sperm (as of 2023-09-11)

Alternate IDs: 401795484

Organism Name: CD-Slc30a10^{em1}Sommu

Record Creation Time: 20231103T193135+0000

Record Last Update: 20260725T194312+0000

Ratings and Alerts

No rating or validation information has been found for CD-*Slc30a10*^{em1Sommel}.

No alerts have been found for CD-*Slc30a10*^{em1Sommel}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.