

Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

SD-Slc22a1^{em1Sage}

RRID:RGD_12904733

Type: Organism

Proper Citation

RRID:RGD_12904733

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=12904733>

Proper Citation: RRID:RGD_12904733

Description: Rattus norvegicus with name SD-Slc22a1^{em1Sage} from RGD.

Species: Rattus norvegicus

Notes: This ZFN induced knockout model contains 11 bp bi-allelic deletion within exon 1 of the Slc22a1. The homozygous knockout rats display total loss of protein via Western blot. [Horizon Discovery](#)

Catalog Number: 12904733

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Embryo (as of 2017-05-19)

Alternate IDs: 12904733

Organism Name: SD-Slc22a1^{em1Sage}

Record Creation Time: 20230509T191947+0000

Record Last Update: 20260829T184951+0000

Ratings and Alerts

No rating or validation information has been found for SD-Slc22a1^{em1Sage}.

No alerts have been found for SD-*Slc22a1*^{em1Sage}.

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.