

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

SD-*Abcc8*^{em1Cgen}

RRID:RGD_127285409

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=127285409>

Proper Citation: RRID:RGD_127285409

Description: Rattus norvegicus with name SD-*Abcc8*^{em1Cgen} from RGD.

Species: Rattus norvegicus

Notes: TALEN system targeting the rat *Abcc8* (sulfonylurea receptor 1, SUR1) gene was injected into CrI:CD(SD) embryos. This strain carries a 16-bp deletion corresponding to CCT CAC GGG GCT TCTG compared with wild-type rats is homozygous. No *Abcc8* protein was detected in the liver and muscle tissues. Cyagen Biosciences Inc., Guangzhou, China

Catalog Number: 127285409

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 127285409

Organism Name: SD-*Abcc8*^{em1Cgen}

Record Creation Time: 20230509T191950+0000

Record Last Update: 20260829T184955+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Abcc8^{em1Cgen}*.

No alerts have been found for SD-*Abcc8^{em1Cgen}*.

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.