

Resource Summary Report

Generated by PRECISE-TBI on Aug 8, 2026

SD-Cd59^{em1Ask}-/-

RRID:RGD_13792606

Type: Organism

Proper Citation

RRID:RGD_13792606

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=13792606>

Proper Citation: RRID:RGD_13792606

Description: Rattus norvegicus with name SD-Cd59^{em1Ask}-/- from RGD.

Species: Rattus norvegicus

Notes: The CRISPR/Cas9 genome editing system was used to generate Cd59 mutation in the Sprague Dawley embryos. The CRISPR/Cas9 targeting exon 3 of the rat Cd59 created a 11 bp-deletion (TGCAAAACAAA) in exon 3. No protein expression was detected in the blood smear of homozygous mutants.

Catalog Number: 13792606

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 13792606

Organism Name: SD-Cd59^{em1Ask}-/-

Record Creation Time: 20230509T191949+0000

Record Last Update: 20260808T193745+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Cd59^{em1Ask}*_{-/-}.

No alerts have been found for SD-*Cd59^{em1Ask}*_{-/-}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Chenouard V, et al. (2021) Advances in Genome Editing and Application to the Generation of Genetically Modified Rat Models. Frontiers in genetics, 12, 615491.