

Resource Summary Report

Generated by [nidm-terms](#) on Aug 10, 2026

SD-Cd59^{em1Ask+/+}

RRID:RGD_13792607

Type: Organism

Proper Citation

RRID:RGD_13792607

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=13792607>

Proper Citation: RRID:RGD_13792607

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 in exon 3. No protein expression was detected in the blood smear of homozygous mutants. Breeding of CD59 +/- rats was done to generate wildtype (CD59+/+) and homozygous mutant (CD59-/-) rats.

Catalog Number: 13792607

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 13792607

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 have not found any literature mentions for this resource.