

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

SD-Cftr^{em1Sage}/-

RRID:RGD_14392815

Type: Organism

Proper Citation

RRID:RGD_14392815

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=14392815>

Proper Citation: RRID:RGD_14392815

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

Species: Rattus norvegicus

Notes: CFTR ZFN knockout rats possess a 16 bp deletion in exon 3 of the Cystic Fibrosis transmembrane conductance regulator (Cftr), resulting in loss of protein expression. The homozygous mutant rats are produced by crossing the Cftr heterozygous rats. [inotiv](#)

Catalog Number: 14392815

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown (as of 2019-03-04)

Alternate IDs: 14392815

Organism Name: SD-Cftr^{em1Sage}/ -

Record Creation Time: 20230509T191949+0000

Record Last Update: 20260808T193746+0000

Ratings and Alerts

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

No alerts have been found for SD-Cfr^{em1}Sage^{-/-}.

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.