

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

SD-Cftr^{em1Sage}+/+

RRID:RGD_14392817

Type: Organism

Proper Citation

RRID:RGD_14392817

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=14392817>

Proper Citation: RRID:RGD_14392817

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 and wild-type rats are produced by crossing the Cftr heterozygous rats.

Catalog Number: 14392817

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 14392817

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

Record Creation Time: 20230509T191949+0000

Record Last Update: 20260919T201850+0000

Ratings and Alerts

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

No alerts have been found for SD-*Cftr*^{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.