

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

SD-Gfap^{em2Mes} /Rrrc

RRID:RRRC_00931

Type: Organism

Proper Citation

RRID:RRRC_00931

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=150519896

Proper Citation: RRID:RRRC_00931

Description: Rattus norvegicus with name SD-Gfap^{em2Mes} /Rrrc from RGD.

Species: Rattus norvegicus

Notes: CRISPR/Cas9 mediated single nucleotide deletion resulting in a frameshift that creates a premature stop and generates a null allele. This strain serves as a model for Alexander disease - nulls are of interest for traumatic brain injury and many other studies of CNS disease and astrocyte response. [Rat Resource and Research Center](#)

Catalog Number: 00931

Background: mutant

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Unknown

Alternate IDs: RGD_150519896, 150519896, RRRC_931, RRRC_0931, RRRC_00931

Organism Name: SD-Gfap^{em2Mes} /Rrrc

Record Creation Time: 20230607T202008+0000

Record Last Update: 20260905T094653+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Gfap*^{em2Mes} /Rrrc .

No alerts have been found for SD-*Gfap*^{em2Mes} /Rrrc .

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Hagemann TL, et al. (2021) Antisense therapy in a rat model of Alexander disease reverses GFAP pathology, white matter deficits, and motor impairment. Science translational medicine, 13(620), eabg4711.