

Resource Summary Report

Generated by [kravitz2](#) on Aug 28, 2026

SD.DA-Pex1tm(G843D-FRT-CAG-Pac-FRT)1Qly

RRID:RRRC_00846

Type: Organism

Proper Citation

RRID:RRRC_00846

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=14695030

Proper Citation: RRID:RRRC_00846

Description: Rattus norvegicus with name SD.DA-Pex1tm(G843D-FRT-CAG-Pac-FRT)1Qly from RGD.

Species: Rattus norvegicus

Notes: This strain was made by electroporation of DAc8 embryonic stem cells with a targeting vector containing 5.8kb 5' and 1.7kb 3' homology arms. A G843D point mutation is introduced into the Pex1 gene. The 12th and 13th exons are flanked with two loxP sites. A FRT-CAG-Pac-FRT cassette is inserted into the intron between Pex1 13th and 14th exon. This strain mimics the Peroxisomal Disorders. Heterozygote does not show any abnormalities. [Rat Resource and Research Center](#)

Catalog Number: 00846

Background: mutant

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Unknown

Alternate IDs: RGD_14695030, 14695030, RRRC_846, RRRC_0846, RRRC_00846

Organism Name: SD.DA-Pex1tm(G843D-FRT-CAG-Pac-FRT)1Qly

Record Creation Time: 20230607T202008+0000

Record Last Update: 20260815T100428+0000

Ratings and Alerts

No rating or validation information has been found for SD.DA-*Pex1tm(G843D-FRT-CAG-Pac-FRT)1Qly* .

No alerts have been found for SD.DA-*Pex1tm(G843D-FRT-CAG-Pac-FRT)1Qly* .

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.