

Resource Summary Report

Generated by [kravitz2](#) on Aug 3, 2026

SDR/Slc Spontaneous dwarf rat

RRID:RRRC_00066

Type: Organism

Proper Citation

RRID:RRRC_00066

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=1302698

Proper Citation: RRID:RRRC_00066

Description: Rattus norvegicus with name SDR/Slc from RGD.

Species: Rattus norvegicus

Notes: The G to A substitution at the end of the 3rd intron of the rat Growth hormone gene was identified as the cause of the dwarf phenotype. This spontaneous mutation affected the 3' splice/acceptor site. Judging from this point mutation, one would predict an abnormal splicing and a 1-base deletion in the GH mRNA. Strain is from Japan SLC, Inc., Shizuoka, Japan. [National BioResource Project for the Rat in Japan](#), [Rat Resource and Research Center](#)

Catalog Number: 00066

Background: inbred

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Cryopreserved Embryo; Cryopreserved Sperm (as of 2017-05-04)

Alternate IDs: RGD_1302698, 1302698, RRRC_66, RRRC_066, RRRC_0066, RRRC_00066

Organism Name: SDR/Slc Spontaneous dwarf rat

Record Creation Time: 20230607T202005+0000

Record Last Update: 20260801T100212+0000

Ratings and Alerts

No rating or validation information has been found for SDR/Slc Spontaneous dwarf rat.

No alerts have been found for SDR/Slc Spontaneous dwarf rat.

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 [kravitz2](#) .

Iwasaki K, et al. (2023) Decreased IGF1R attenuates senescence and improves function in pancreatic β -cells. Frontiers in endocrinology, 14, 1203534.