Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

SD-*Scn9a**^{tm1Amgn}/Crl

RRID:RGD_150429825
Type: Organism

Proper Citation

RRID:RGD_150429825

Organism Information

URL: https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=150429825

Proper Citation: RRID:RGD_150429825

Description: Rattus norvegicus with name SD-*Scn9a**^{tm1Amgn}/Crl from RGD.

Species: Rattus norvegicus

Notes: Exon 25 of the rat Scn9a gene was replaced with the human SCN9A exon counterpart (exon 26) using ZFN technology. The mRNAs of the active ZFN pair targets middle region of the exon (CACCATCATGGTTCTTATAtgcctcAACATGGTAA CCATGATG, ZFN binding sites in uppercase). Charles River Laboratories

Catalog Number: 150429825

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 150429825

Organism Name: SD-*Scn9a**^{tm1Amgn}/Crl

Record Creation Time: 20230509T191949+0000

Record Last Update: 20260808T193745+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Scn9a*^{*tm1Amgn}/Crl.

No alerts have been found for SD-*Scn9a*^{*tm1Amgn}/Crl.

Data and Source Information

Source: Integrated Animals

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Lundby A, et al. (2019) Oncogenic Mutations Rewire Signaling Pathways by Switching Protein Recruitment to Phosphotyrosine Sites. Cell, 179(2), 543.