

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

SD-Ldlr^{em1Sage}

RRID:RGD_12904908

Type: Organism

Proper Citation

RRID:RGD_12904908

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=12904908>

Proper Citation: RRID:RGD_12904908

Description: Rattus norvegicus with name SD-Ldlr^{em1Sage} from RGD.

Species: Rattus norvegicus

Notes: In this ZFN induced model, a total of 337 bp were deleted at the junction of intron 3 and exon 4 (on chromosome 8), and 4 bp ccgt were inserted rat Ldlr gene on chromosome 8. Homozygous knockout rats display loss of LDLR protein via Western blot. Homozygous knockout rats have increased body weight as compared to wild type. Homozygous knockout rats show significantly elevated serum cholesterol levels. [Horizon Discovery](#)

Catalog Number: 12904908

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals (as of 2017-05-24)

Alternate IDs: 12904908

Organism Name: SD-Ldlr^{em1Sage}

Record Creation Time: 20230509T191947+0000

Record Last Update: 20260725T194303+0000

Ratings and Alerts

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

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