

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

SD-Vdr^{em2Hfd}

RRID:RGD_408364956

Type: Organism

Proper Citation

RRID:RGD_408364956

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=408364956>

Proper Citation: RRID:RGD_408364956

Description: Rattus norvegicus with name SD-Vdr^{em2Hfd} from RGD.

Species: Rattus norvegicus

Notes: The CRISPR/Cas9 system was used to introduce deletion and insertion in exon 3 of the VDR gene of Hsd:SD rat embryos WT:

GGAGGCAACAGCGGCCAGCACCTCCCTGCccgaccCTGGTGACTTTGACCggaacgtgccccGGATC

KO: GGAGGCAACAGCGGCCAGCACCTCCCTGCtggt- CTGGTGACTTTGACC-----

GGATCTGTGGAGTGTGTGGAGACCGAGCCAC Rat Resource and Research Center (RRRC); strain ID 1034

Catalog Number: 408364956

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Embryo (as of 2024-11-05)

Alternate IDs: 408364956

Organism Name: SD-Vdr^{em2Hfd}

Record Creation Time: 20250225T002834+0000

Record Last Update: 20260919T201856+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Vdr^{em2Hfd}*.

No alerts have been found for SD-*Vdr^{em2Hfd}*.

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.