

Resource Summary Report

Generated by [kravitz2](#) on Aug 27, 2026

SD-Gnal^{em3Hpng}

RRID:RGD_626419679

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=626419679>

Proper Citation: RRID:RGD_626419679

Description: Rattus norvegicus with name SD-Gnal^{em3Hpng} from RGD.

Species: Rattus norvegicus

Notes: Crl:CD(SD)-KO(Gnal*135)44-178Hpng/Hpng rats were generated by CRISPR/Cas9 technology. A deletion of 135 base pairs, corresponding to position 44-178, downstream of the translation initiation start ATG of the Gnal splicing variant 2, results in a deletion mutation. CRISPR technology details: self-synthesized Cas9 mRNA using px 330 vector, applying T7 transcription kit followed by Poly-Adenylation and Capping. No sequencing performed, whether Cas9 has been inserted into the rat genome is unknown.

[European Mouse Mutant Archive\(EMMA\)](#)

Catalog Number: 626419679

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Embryo (as of 2025-09-05)

Alternate IDs: 626419679

Organism Name: SD-Gnal^{em3Hpng}

Record Creation Time: 20250910T064905+0000

Record Last Update: 20260815T190725+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Gna^{l^{em3}H}png*.

No alerts have been found for SD-*Gna^{l^{em3}H}png*.

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.