

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

SD-*Dmd*^{em1Ins}

RRID:RGD_630350396

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=630350396>

Proper Citation: RRID:RGD_630350396

Description: Rattus norvegicus with name SD-*Dmd*^{em1Ins} from RGD.

Species: Rattus norvegicus

Notes: Deletion of exons 45 to 47 of the rat *Dmd* gene by CRISPR/Cas9 was performed by using two pairs of sgRNAs on both sides of exons 45 and 47. The spCas9 and sgRNAs were electroporated in rat Sprague Dawley (RjHan:SD) fertilized oocytes. Genotyping PCR and sequencing were used to confirm the deletion of exons 45–47 in F0 founder animals. Rats can be obtained through material transfer agreement by contacting the corresponding author at valentina.-taglietti@inserm.fr and frederic.relaix@inserm.fr.

Catalog Number: 630350396

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 630350396

Organism Name: SD-*Dmd*^{em1Ins}

Record Creation Time: 20260121T065408+0000

Record Last Update: 20260905T135247+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Dmd*^{em1Ins}.

No alerts have been found for SD-*Dmd*^{em1Ins}.

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.