

Resource Summary Report

Generated by SPARC SAWG on Aug 10, 2026

SD-Cyp2c11^{em1Nju}

RRID:RGD_150429707

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=150429707>

Proper Citation: RRID:RGD_150429707

Description: Rattus norvegicus with name SD-Cyp2c11^{em1Nju} from RGD.

Species: Rattus norvegicus

Notes: CRISPR/Cas9 system containing two pairs of single guide RNA (sgRNA) primers: sgRNA1 (forward primer: 59-GCTACTG- TAACTGACATGTT-39; reverse primer: 59-AACATGTCAGTTACAGTAGC- 39) and sgRNA2 (forward primer: 59-TCAAGGGTAAACTCAGACTG-39; reverse primer: 59-CAGTCTGAGTTTACCCTTGA-39), was injected to Sprague-Dawley rat one-cell embryos. The F0 pups were screened by genomic DNA sequencing to identify heterozygous CYP2C11+/2 founders. This mutant strain carries a two base pairs (GT) insertion into exon 6 of CYP2C11 and resulting in the knockout allele.

Catalog Number: 150429707

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 150429707

Organism Name: SD-Cyp2c11^{em1Nju}

Record Creation Time: 20230509T191950+0000

Record Last Update: 20260808T193747+0000

Ratings and Alerts

No rating or validation information has been found for SD-Cyp2c11^{em1Nju}.

No alerts have been found for SD-Cyp2c11^{em1Nju}.

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.