

# Resource Summary Report

Generated by [dkNET](#) on Sep 10, 2026

## SD-Cyp2d<sup>em2</sup>(CYP2D6)Kg

RRID:RGD\_407446371

Type: Organism

### Proper Citation

RRID:RGD\_407446371

### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=407446371>

**Proper Citation:** RRID:RGD\_407446371

**Description:** Rattus norvegicus with name SD-Cyp2d<sup>em2</sup>(CYP2D6)Kg from RGD.

**Species:** Rattus norvegicus

**Notes:** A ~58.0 kb deletion of the rat Cyp2d gene cluster (1-5) was created using the CRISPR-Cas9 system. Subsequently, the human CYP2D6 gene (~6.2 kb) was inserted in place of the rat Cyp2d gene cluster. The rat strain is deposited to Rat Research and Resource Contact RRRC@missouri.edu for availability.

**Catalog Number:** 407446371

**Background:** mutant

**Database:** Rat Genome Database (RGD)

**Database Abbreviation:** RGD

**Availability:** Cryopreserved Embryo; Cryopreserved Sperm (as of 2024-08-29)

**Alternate IDs:** 407446371

**Organism Name:** SD-Cyp2d<sup>em2</sup>(CYP2D6)Kg

**Record Creation Time:** 20241014T185456+0000

**Record Last Update:** 20260905T135246+0000

### Ratings and Alerts

No rating or validation information has been found for SD-Cyp2d<sup>em2(CYP2D6)</sup>Kg.

No alerts have been found for SD-Cyp2d<sup>em2(CYP2D6)</sup>Kg.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Rat Genome Database (RGD)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.