

# Resource Summary Report

Generated by [dkNET](#) on Sep 12, 2026

## WIC;W-Oprk1<sup>em1</sup>(cre)Nurep

RRID:RGD\_598154602

Type: Organism

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### Proper Citation

RRID:RGD\_598154602

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### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=598154602>

**Proper Citation:** RRID:RGD\_598154602

**Description:** Rattus norvegicus with name WIC;W-Oprk1<sup>em1</sup>(cre)Nurep from RGD.

**Species:** Rattus norvegicus

**Notes:** Oprk1-cre rats were generated by Dr. Hiroko Tsukamura, Dr. Yoshihisa Uenoyama, Dr. Naoko Inoue, Dr. Mayuko Nagae (Nagoya University) and Dr. Masumi Hirabayashi (National Institute for Physiological Sciences). The CRISPR/Cas9 and adeno-associated virus vector (Oprk1 [exon 4], T2A, Cre) were introduced into the pronuclear stage embryos of Wistar rats (Crlj:WI). It was maintained by mating with the Wistar-Imamichi rats (Iar:WIC) (RGD:125097496) or by sibling mating. [National BioResource Project for the Rat in Japan](#)

**Catalog Number:** 598154602

**Background:** mutant

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

**Database Abbreviation:** RGD

**Availability:** Cryopreserved Sperm (as of 2025-04-30)

**Alternate IDs:** 598154602

**Organism Name:** WIC;W-Oprk1<sup>em1</sup>(cre)Nurep

**Record Creation Time:** 20250514T090217+0000

**Record Last Update:** 20260912T202543+0000

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### Ratings and Alerts

No rating or validation information has been found for WIC;W-*Oprk1<sup>em1(cre)</sup>*Nurep.

No alerts have been found for WIC;W-*Oprk1<sup>em1(cre)</sup>*Nurep.

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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.