

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

WIC;WDB-Kiss1^{tm1Nurep}

RRID:RGD_329848995

Type: Organism

Proper Citation

RRID:RGD_329848995

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=329848995>

Proper Citation: RRID:RGD_329848995

Description: Rattus norvegicus with name WIC;WDB-Kiss1^{tm1Nurep} from RGD.

Species: Rattus norvegicus

Notes: The kisspeptin gene (Kiss1) is knocked out conditionally by the Cre recombinase. This strain was generated by K.I. Maeda (The University of Tokyo), H. Tsukamura, Y. Uenoyama, N. Inoue (Nagoya University), and M. Hirabayashi (National Institute for Physiological Sciences) for the purpose of producing conditional knockout rats of the Kiss1 gene in the hypothalamus. The targeting vector (loxP, Kiss1[exons 2 and 3], PGK promoter-neo, loxP) was introduced by electroporation targeting the Kiss1 gene in ES cells (WDB/Nips-ES1/Nips). Crossed with and maintained by the Wistar-Imamichi rats (lar:Wistar-Imamichi, Institute for Animal Reproduction). [National BioResource Project for the Rat in Japan](#)

Catalog Number: 329848995

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Sperm (as of 2023-06-07)

Alternate IDs: 329848995

Organism Name: WIC;WDB-Kiss1^{tm1Nurep}

Record Creation Time: 20230823T202703+0000

Record Last Update: 20260808T193751+0000

Ratings and Alerts

No rating or validation information has been found for WIC;WDB-Kiss1^{tm1Nurep}.

No alerts have been found for WIC;WDB-Kiss1^{tm1Nurep}.

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.