

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

WIC;WI;WDB-Kiss1^{tm8Nips}

RRID:RGD_125097497

Type: Organism

Proper Citation

RRID:RGD_125097497

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=125097497>

Proper Citation: RRID:RGD_125097497

Description: Rattus norvegicus with name WIC;WI;WDB-Kiss1^{tm8Nips} from RGD.

Species: Rattus norvegicus

Notes: This strain was made by electroporation of WDB/Nips-ES1/Nips (RGD ID:10054010) embryonic stem (ES) cells with a targeting vector. A targeting vector was designed to insert two loxP sites encompassing exons 2 and 3 of the Kiss1 gene coding for 52-amino acid rat kisspeptin-1 (Kiss1) and a neomycin-resistance gene into the Kiss1 locus in rat ES cells via homologous recombination. Targeted ES cells were injected into Crlj:WI blastocysts to produce chimeric rats. The chimeric rats were crossed with lar:Wistar-Imamichi rats to produce heterozygous founder rats. This rat strain is being maintained by crossing the founder rat with lar:Wistar-Imamichi rats.

Catalog Number: 125097497

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals; Cryopreserved Embryo (as of 2021-04-01)

Alternate IDs: 125097497

Organism Name: WIC;WI;WDB-Kiss1^{tm8Nips}

Record Creation Time: 20230509T191950+0000

Record Last Update: 20260725T194308+0000

Ratings and Alerts

No rating or validation information has been found for WIC;WI;WDB-Kiss1^{tm8Nips}.

No alerts have been found for WIC;WI;WDB-Kiss1^{tm8Nips}.

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.