

Resource Summary Report

Generated by [kravitz2](#) on Aug 2, 2026

WI-Prdm14^{em10Nips}

RRID:RGD_41457452

Type: Organism

Proper Citation

RRID:RGD_41457452

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=41457452>

Proper Citation: RRID:RGD_41457452

Description: Rattus norvegicus with name WI-Prdm14^{em10Nips} from RGD.

Species: Rattus norvegicus

Notes: Prdm14 mutation was induced by introducing ribonucleic complexes (crRNA, tract RNA and Cas9 protein) into Crlj:WI rat embryos using electroporator. The resulting mutation is a 4412-bp deletion in exon 1 to 4. Homozygous Prdm14 knocked-out rats have the germ cell-deficient phenotype. Section of Mammalian Transgenesis, Center for Genetic Analysis of Behavior, National Institute for Physiological Sciences, Okazaki Aichi, JAPAN

Catalog Number: 41457452

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals; Cryopreserved Embryo; Cryopreserved Sperm (as of 2021-02-24)

Alternate IDs: 41457452

Organism Name: WI-Prdm14^{em10Nips}

Record Creation Time: 20230509T191951+0000

Record Last Update: 20260801T194048+0000

Ratings and Alerts

No rating or validation information has been found for WI-*Prdm14*^{em10Nips}.

No alerts have been found for WI-*Prdm14*^{em10Nips}.

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.