

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

WI-Foxn1^{em1Nips}

RRID:RGD_10053598

Type: Organism

Proper Citation

RRID:RGD_10053598

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=10053598>

Proper Citation: RRID:RGD_10053598

Description: Rattus norvegicus with name WI-Foxn1^{em1Nips} from RGD.

Species: Rattus norvegicus

Notes: Foxn1 mutation was induced by injecting pX330 expressing Cas9 and sgRNA targeting the sequence GACTGGAGGGCGAACCCCAA into CrIj:WI rat embryos. The resulting mutation is a 44-bp frameshift deletion in exon 1 (del 54-97). Section of Mammalian Transgenesis Center for Genetic Analysis of Behavior, National Institute for Physiological Sciences, Okazaki Aichi, JAPAN

Catalog Number: 10053598

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 10053598

Organism Name: WI-Foxn1^{em1Nips}

Record Creation Time: 20230509T191926+0000

Record Last Update: 20260919T201813+0000

Ratings and Alerts

No rating or validation information has been found for WI-*Foxn1^{em1Nips}*.

No alerts have been found for WI-*Foxn1^{em1Nips}*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Chenouard V, et al. (2021) Advances in Genome Editing and Application to the Generation of Genetically Modified Rat Models. *Frontiers in genetics*, 12, 615491.