

Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

W-Tg(GnRH-GFP)Mni

RRID:RGD_10059635

Type: Organism

Proper Citation

RRID:RGD_10059635

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=10059635>

Proper Citation: RRID:RGD_10059635

Description: Rattus norvegicus with name W-Tg(GnRH-GFP)Mni from RGD.

Species: Rattus norvegicus

Notes: generated by Dr. Masugi Nishihara's group

Catalog Number: 10059635

Background: transgenic

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 10059635

Organism Name: W-Tg(GnRH-GFP)Mni

Record Creation Time: 20230509T191946+0000

Record Last Update: 20260815T190710+0000

Ratings and Alerts

No rating or validation information has been found for W-Tg(GnRH-GFP)Mni.

No alerts have been found for W-Tg(GnRH-GFP)Mni.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Farkas I, et al. (2026) Prokineticin 2 regulates the electrophysiological activity of gonadotropin-releasing hormone neurons via direct signalling in adult female mice. *Frontiers in endocrinology*, 17, 1809385.

G??cz B, et al. (2025) Laser-capture microdissection for spatial transcriptomics of immunohistochemically detected neurons. *The Journal of biological chemistry*, 301(2), 108150.

Farkas I, et al. (2024) Functional GnRH receptor signaling regulates striatal cholinergic neurons in neonatal but not in adult mice. *Frontiers in endocrinology*, 15, 1353151.

Rajan R, et al. (2024) Sex-Dependent Changes in Gonadotropin-Releasing Hormone Neuron Voltage-Gated Potassium Currents in a Mouse Model of Temporal Lobe Epilepsy. *eNeuro*, 11(10).

Vastagh C, et al. (2024) Cholinergic Control of GnRH Neuron Physiology and Luteinizing Hormone Secretion in Male Mice: Involvement of ACh/GABA Cotransmission. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(12).