

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Mar 31, 2025

W-Tg(Slc32a1-YFP*)1Yyan

RRID:RGD_2314361

Type: Organism

Proper Citation

RRID:RGD_2314361

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=2314361>

Proper Citation: RRID:RGD_2314361

Description: Rattus norvegicus with name W-Tg(Slc32a1-YFP*)1Yyan from RGD.

Species: Rattus norvegicus

Notes: This transgenic rat was established at National Institute for Physiological Sciences in 2004, thereafter introduced to Gunma University in 2006. [National BioResource Project for the Rat in Japan](#)

Catalog Number: 2314361

Background: transgenic

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals; Cryopreserved Sperm

Organism Name: W-Tg(Slc32a1-YFP*)1Yyan

Record Creation Time: 20230509T191939+0000

Record Last Update: 20231231T022314+0000

Ratings and Alerts

No rating or validation information has been found for W-Tg(Slc32a1-YFP*)1Yyan.

No alerts have been found for W-Tg(Slc32a1-YFP*)1Yyan.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Lage-Rupprecht V, et al. (2020) Presynaptic NMDARs cooperate with local spikes toward GABA release from the reciprocal olfactory bulb granule cell spine. *eLife*, 9.

Steiner LA, et al. (2019) Connectivity and Dynamics Underlying Synaptic Control of the Subthalamic Nucleus. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(13), 2470.

Bywalez WG, et al. (2016) Dendritic Arborization Patterns of Small Juxtglomerular Cell Subtypes within the Rodent Olfactory Bulb. *Frontiers in neuroanatomy*, 10, 127.