

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

LE.W-Tg(Slc32a1-YFP*)1Yyan/Vip

RRID:RGD_13464326

Type: Organism

Proper Citation

RRID:RGD_13464326

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=13464326>

Proper Citation: RRID:RGD_13464326

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

Species: Rattus norvegicus

Notes: The original strain, W-Tg(Slc32a1-YFP*)1Yyan (NBRP No.0554 rat), was established at National Institute for Physiological Sciences in 2004, thereafter introduced to Gunma University in 2006 ?Uematsu et al. Cerebral Cortex (2008). This original strain rats were was crossed with Long-Evans rat (lar:Long-Evans) for 10 generations to establish the congenic strain. [National BioResource Project for the Rat in Japan](#)

Catalog Number: 13464326

Background: congenic

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Embryo (as of 2018-01-03)

Alternate IDs: 13464326

Organism Name: LE.W-Tg(Slc32a1-YFP*)1Yyan/Vip

Record Creation Time: 20230509T191948+0000

Record Last Update: 20260829T184952+0000

Ratings and Alerts

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

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

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](#) .

Bilodeau G, et al. (2021) A Wireless Electro-Optic Platform for Multimodal Electrophysiology and Optogenetics in Freely Moving Rodents. *Frontiers in neuroscience*, 15, 718478.