

Resource Summary Report

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WIC-Tg(Oprk1-YFP*)1Utthe

RRID:RGD_152977768

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=152977768>

Proper Citation: RRID:RGD_152977768

Description: Rattus norvegicus with name WIC-Tg(Oprk1-YFP*)1Utthe from RGD.

Species: Rattus norvegicus

Notes: The KOR-Venus construct consisting of promoter of rat Oprk1 (opioid receptor, kappa 1) fused with Venus fluorescent protein, was introduced into fertilized eggs of Wistar rats (Crlj:WI, Charles River Japan). They were then crossed with Wistar-Imamichi rats (Iar:Wistar-Imamichi, Institute for Animal Reproduction) to maintain the strain. Transgenic rats expressing the fluorescent protein Venus under the control of the Oprk1 promoter. This strain is heterozygous. [National BioResource Project for the Rat in Japan](#)

Catalog Number: 152977768

Background: transgenic

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 152977768

Organism Name: WIC-Tg(Oprk1-YFP*)1Utthe

Record Creation Time: 20230509T191929+0000

Record Last Update: 20260905T135210+0000

Ratings and Alerts

No rating or validation information has been found for WIC-Tg(Oprk1-YFP*)1Uttthe.

No alerts have been found for WIC-Tg(Oprk1-YFP*)1Uttthe.

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.