

Resource Summary Report

Generated by [ASWG](#) on Sep 4, 2026

LE-Tg(DIO-iRFP)3Ottc

RRID:RRRC_00747

Type: Organism

Proper Citation

RRID:RRRC_00747

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=9588559

Proper Citation: RRID:RRRC_00747

Description: Rattus norvegicus with name LE-Tg(DIO-iRFP)3Ottc from RGD.

Species: Rattus norvegicus

Notes: The transgene contains Cre recombinase reporter rat expressing the red fluorescent protein gene (iRFP) driven by the EF1 alpha promoter. [Optogenetics and Transgenic Technology Core](#), [Rat Resource and Research Center](#)

Catalog Number: 00747

Background: transgenic

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Cryopreserved Sperm; Cryorecovery

Alternate IDs: RGD_9588559, 9588559, RRRC_747, RRRC_0747, RRRC_00747

Organism Name: LE-Tg(DIO-iRFP)3Ottc

Record Creation Time: 20230607T202007+0000

Record Last Update: 20260829T095501+0000

Ratings and Alerts

No rating or validation information has been found for LE-Tg(DIO-iRFP)3Ottc .

No alerts have been found for LE-Tg(DIO-iRFP)3Ottc .

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Richie CT, et al. (2017) Near-infrared fluorescent protein iRFP713 as a reporter protein for optogenetic vectors, a transgenic Cre-reporter rat, and other neuronal studies. Journal of neuroscience methods, 284, 1.