

Resource Summary Report

Generated by T1D on Sep 6, 2026

LE-Tg(DIO-mCherry)2Ottc

RRID:RRRC_00687

Type: Organism

Proper Citation

RRID:RRRC_00687

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=150521660

Proper Citation: RRID:RRRC_00687

Description: Rattus norvegicus with name LE-Tg(DIO-mCherry)2Ottc from RGD.

Species: Rattus norvegicus

Notes: The transgene contains Cre recombinase reporter rat expressing mCherry driven by the EF1 alpha promoter. A Rrrc substrain available at [Rat Resource and Research Center](#)

Catalog Number: 00687

Background: transgenic

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Unknown

Alternate IDs: RGD_150521660, 150521660, RRRC_687, RRRC_0687, RRRC_00687

Organism Name: LE-Tg(DIO-mCherry)2Ottc

Record Creation Time: 20230607T202008+0000

Record Last Update: 20260905T094655+0000

Ratings and Alerts

No rating or validation information has been found for LE-Tg(DIO-mCherry)2Ottc .

No alerts have been found for LE-Tg(DIO-mCherry)2Ottc .

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Glotfelty EJ, et al. (2025) Generation and characterization of a tamoxifen-inducible, Cre driver rat for transgene expression in microglia. bioRxiv : the preprint server for biology.

Glotfelty EJ, et al. (2025) Generation and characterization of a tamoxifen-inducible, Cre driver rat for transgene expression in microglia. Scientific reports, 16(1), 1579.

B??ck S, et al. (2019) Neuron-Specific Genome Modification in the Adult Rat Brain Using CRISPR-Cas9 Transgenic Rats. Neuron, 102(1), 105.