Resource Summary Report

Generated by dkNET on Sep 16, 2026

LE-Tg(Thy1-GCaMP6f)8Rrrc

RRID:RRRC_01010
Type: Organism

Proper Citation

RRID:RRRC_01010

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=401959229

Proper Citation: RRID:RRRC_01010

Description: Rattus norvegicus with name LE-Tg(Thy1-GCaMP6f)8Rrrc from RGD.

Species: Rattus norvegicus

Notes: Pronuclear injection was used to introduce an expression cassette containing the Thy-1 enhancer and GCaMP6f protein coding sequence. GCaMP6f is a genetically encoded calcium indicator. It is a synthetic fusion of green fluorescent protein, calmodulin, and M13, a peptide sequence from myosin light-chain kinase. Reference ID: https://doi.org/10.1101/2023.08.17.553594 Rat Resource & Research Center

Catalog Number: 01010

Background: transgenic

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Unknown

Alternate IDs: RGD_401959229, 401959229, RRRC_1010, RRRC_01010

Organism Name: LE-Tg(Thy1-GCaMP6f)8Rrrc

Record Creation Time: 20240129T234951+0000

Record Last Update: 20260912T111901+0000

Ratings and Alerts

No rating or validation information has been found for LE-Tg(Thy1-GCaMP6f)8Rrrc .

No alerts have been found for LE-Tg(Thy1-GCaMP6f)8Rrrc .

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 dkNET .

Rich PD, et al. (2024) Magnetic voluntary head-fixation in transgenic rats enables lifespan imaging of hippocampal neurons. Nature communications, 15(1), 4154.