

Resource Summary Report

Generated by [dkNET](#) on Sep 13, 2026

STOCK Tg(Egr1-EGFP)GO90Gsat/Mmucd

RRID:MMRRC_014709-UCD

Type: Organism

Proper Citation

RRID:MMRRC_014709-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=14709

Proper Citation: RRID:MMRRC_014709-UCD

Description: Mus musculus with name STOCK Tg(Egr1-EGFP)GO90Gsat/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Developmental Biology, Neurobiology, Research Tools; Mutation Type: Transgenic ; Collection: GENSAT

Affected Gene: EGFP|Egr1|

Catalog Number: 014709-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:14586460](#)

Alternate IDs: MMRRC_14709-UCD, MMRRC_014709, MMRRC_1479

Organism Name: STOCK Tg(Egr1-EGFP)GO90Gsat/Mmucd

Record Creation Time: 20230308T054930+0000

Record Last Update: 20260912T134322+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Egr1-EGFP)GO90Gsat/Mmucd.

No alerts have been found for STOCK Tg(Egr1-EGFP)GO90Gsat/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Guo X, et al. (2024) Kdm4a is an activity downregulated barrier to generate engrams for memory separation. Nature communications, 15(1), 5887.

Wang F, et al. (2021) Detecting Abnormal Neuronal Activity in a Chronic Migraine Model by Egr1-EGFP Transgenic Mice. Frontiers in neuroscience, 15, 705938.

Li D, et al. (2021) Single Image-Based Vignetting Correction for Improving the Consistency of Neural Activity Analysis in 2-Photon Functional Microscopy. Frontiers in neuroinformatics, 15, 674439.

Wang G, et al. (2021) Egr1-EGFP transgenic mouse allows in vivo recording of Egr1 expression and neural activity. Journal of neuroscience methods, 363, 109350.

Demchuk AM, et al. (2020) Limitations of the GENSAT Egr1-EGFP transgenic mouse strain for neural circuit activity mapping. Neuroscience letters, 732, 135072.

Li D, et al. (2019) Multimodal Memory Components and Their Long-Term Dynamics Identified in Cortical Layers II/III but Not Layer V. Frontiers in integrative neuroscience, 13, 54.

Li D, et al. (2019) Discrimination of the hierarchical structure of cortical layers in 2-photon microscopy data by combined unsupervised and supervised machine learning. Scientific reports, 9(1), 7424.