

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

STOCK Tg(Kcnq2-EGFP)FW221Gsat/Mmucd

RRID:MMRRC_015412-UCD

Type: Organism

Proper Citation

RRID:MMRRC_015412-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=15412

Proper Citation: RRID:MMRRC_015412-UCD

Description: Mus musculus with name STOCK Tg(Kcnq2-EGFP)FW221Gsat/Mmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: EGFP|Kcnq2|

Catalog Number: 015412-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:14586460](#)

Alternate IDs: MMRRC_15412-UCD, MMRRC_015412, MMRRC_15412

Organism Name: STOCK Tg(Kcnq2-EGFP)FW221Gsat/Mmucd

Record Creation Time: 20230308T054935+0000

Record Last Update: 20260912T134332+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Kcnq2-EGFP)FW221Gsat/Mmucd.

No alerts have been found for STOCK Tg(Kcnq2-EGFP)FW221Gsat/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Carver CM, et al. (2020) Functional responses of the hippocampus to hyperexcitability depend on directed, neuron-specific KCNQ2 K⁺ channel plasticity. *Hippocampus*, 30(5), 435.