

Resource Summary Report

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

STOCK Tg(Tac2-EGFP)HF381Gsat/Mmucd

RRID:MMRRC_015495-UCD

Type: Organism

Proper Citation

RRID:MMRRC_015495-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=15495

Proper Citation: RRID:MMRRC_015495-UCD

Description: Mus musculus with name STOCK Tg(Tac2-EGFP)HF381Gsat/Mmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: EGFP|Tac2|

Catalog Number: 015495-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:14586460](#)

Alternate IDs: MMRRC_15495-UCD, MMRRC_015495, MMRRC_15495

Organism Name: STOCK Tg(Tac2-EGFP)HF381Gsat/Mmucd

Record Creation Time: 20230308T054935+0000

Record Last Update: 20260829T122251+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Tac2-EGFP)HF381Gsat/Mmucd.

No alerts have been found for STOCK Tg(Tac2-EGFP)HF381Gsat/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Phillips CD, et al. (2025) Sex and Time of Day Alter the Interactions Between Hypothalamic Glia and the Neural Circuits Controlling Reproduction. *Endocrinology*, 166(5).

Gibson AG, et al. (2021) Prenatal Androgen Treatment Does Not Alter the Firing Activity of Hypothalamic Arcuate Kisspeptin Neurons in Female Mice. *eNeuro*, 8(5).

Vanacker C, et al. (2017) Long-Term Recordings of Arcuate Nucleus Kisspeptin Neurons Reveal Patterned Activity That Is Modulated by Gonadal Steroids in Male Mice. *Endocrinology*, 158(10), 3553.

Ruka KA, et al. (2016) Both Estrogen and Androgen Modify the Response to Activation of Neurokinin-3 and μ -Opioid Receptors in Arcuate Kisspeptin Neurons From Male Mice. *Endocrinology*, 157(2), 752.

Ruka KA, et al. (2013) Regulation of arcuate neurons coexpressing kisspeptin, neurokinin B, and dynorphin by modulators of neurokinin 3 and μ -opioid receptors in adult male mice. *Endocrinology*, 154(8), 2761.