

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

STOCK Tg(Gal-EGFP)HX109Gsat/Mmucd

RRID:MMRRC_016342-UCD

Type: Organism

Proper Citation

RRID:MMRRC_016342-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=16342

Proper Citation: RRID:MMRRC_016342-UCD

Description: Mus musculus with name STOCK Tg(Gal-EGFP)HX109Gsat/Mmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: EGFP|Gal|

Catalog Number: 016342-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:14586460](#)

Alternate IDs: MMRRC_16342-UCD, MMRRC_016342, MMRRC_16342

Organism Name: STOCK Tg(Gal-EGFP)HX109Gsat/Mmucd

Record Creation Time: 20230308T054941+0000

Record Last Update: 20260829T122327+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Gal-EGFP)HX109Gsat/Mmucd.

No alerts have been found for STOCK Tg(Gal-EGFP)HX109Gsat/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Scharbarg E, et al. (2023) Prostaglandin D2 Controls Local Blood Flow and Sleep-Promoting Neurons in the VLPO via Astrocyte-Derived Adenosine. ACS chemical neuroscience, 14(6), 1063.

Guo X, et al. (2020) RNA-seq analysis of galaninergic neurons from ventrolateral preoptic nucleus identifies expression changes between sleep and wake. BMC genomics, 21(1), 633.

Chauveau F, et al. (2020) Neuropeptide S promotes wakefulness through the inhibition of sleep-promoting ventrolateral preoptic nucleus neurons. Sleep, 43(1).

Federighi G, et al. (2020) Lumbar spinal cord neurons putatively involved in ejaculation are sexually dimorphic in early postnatal mice. The Journal of comparative neurology, 528(4), 624.

Walter A, et al. (2019) Structural and functional connections between the median and the ventrolateral preoptic nucleus. Brain structure & function, 224(9), 3045.

McDole K, et al. (2018) In Toto Imaging and Reconstruction of Post-Implantation Mouse Development at the Single-Cell Level. Cell, 175(3), 859.

Laque A, et al. (2015) Leptin modulates nutrient reward via inhibitory galanin action on orexin neurons. Molecular metabolism, 4(10), 706.

Laque A, et al. (2013) Leptin receptor neurons in the mouse hypothalamus are colocalized with the neuropeptide galanin and mediate anorexigenic leptin action. American journal of physiology. Endocrinology and metabolism, 304(9), E999.