

Resource Summary Report

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STOCK Tg(Npy-cre)RH26Gsat/Mmucd

RRID:MMRRC_034810-UCD

Type: Organism

Proper Citation

RRID:MMRRC_034810-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=34810

Proper Citation: RRID:MMRRC_034810-UCD

Description: Mus musculus with name STOCK Tg(Npy-cre)RH26Gsat/Mmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: cre|Npy|

Catalog Number: 034810-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:14586460](#)

Organism Name: STOCK Tg(Npy-cre)RH26Gsat/Mmucd

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Npy-cre)RH26Gsat/Mmucd.

No alerts have been found for STOCK Tg(Npy-cre)RH26Gsat/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Day M, et al. (2024) GABAergic regulation of striatal spiny projection neurons depends upon their activity state. PLoS biology, 22(1), e3002483.

Qi Y, et al. (2023) Agrp-negative arcuate NPY neurons drive feeding under positive energy balance via altering leptin responsiveness in POMC neurons. Cell metabolism, 35(6), 979.

Day M, et al. (2023) State-dependent GABAergic regulation of striatal spiny projection neuron excitability. bioRxiv : the preprint server for biology.

Tasdemir-Yilmaz OE, et al. (2021) Diversity of developing peripheral glia revealed by single-cell RNA sequencing. Developmental cell, 56(17), 2516.

Vereczki VK, et al. (2021) Total Number and Ratio of GABAergic Neuron Types in the Mouse Lateral and Basal Amygdala. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(21), 4575.

Liu S, et al. (2020) Somatotopic Organization and Intensity Dependence in Driving Distinct NPY-Expressing Sympathetic Pathways by Electroacupuncture. Neuron, 108(3), 436.

Idelevich A, et al. (2020) Both NPY-Expressing and CART-Expressing Neurons Increase Energy Expenditure and Trabecular Bone Mass in Response to AP1 Antagonism, But Have Opposite Effects on Bone Resorption. Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research, 35(6), 1107.

Barnes SJ, et al. (2017) Deprivation-Induced Homeostatic Spine Scaling In Vivo Is Localized to Dendritic Branches that Have Undergone Recent Spine Loss. Neuron, 96(4), 871.

Li Q, et al. (2017) Endogenously Released Neuropeptide Y Suppresses Hippocampal Short-Term Facilitation and Is Impaired by Stress-Induced Anxiety. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(1), 23.

Lee K, et al. (2017) Parvalbumin Interneurons Modulate Striatal Output and Enhance

Performance during Associative Learning. Neuron, 93(6), 1451.