

Resource Summary Report

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STOCK Tg(Gal-cre)KI87Gsat/Mmucd

RRID:MMRRC_031060-UCD

Type: Organism

Proper Citation

RRID:MMRRC_031060-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=31060

Proper Citation: RRID:MMRRC_031060-UCD

Description: Mus musculus with name STOCK Tg(Gal-cre)KI87Gsat/Mmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: cre|Gal|

Catalog Number: 031060-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:14586460](#)

Organism Name: STOCK Tg(Gal-cre)KI87Gsat/Mmucd

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Gal-cre)KI87Gsat/Mmucd.

No alerts have been found for STOCK Tg(Gal-cre)KI87Gsat/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Wang Q, et al. (2023) Regional and cell-type-specific afferent and efferent projections of the mouse claustrum. Cell reports, 42(2), 112118.

Prokofeva K, et al. (2023) Structure and Function of Neuronal Circuits Linking Ventrolateral Preoptic Nucleus and Lateral Hypothalamic Area. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(22), 4075.

Miracca G, et al. (2022) NMDA Receptors in the Lateral Preoptic Hypothalamus Are Essential for Sustaining NREM and REM Sleep. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(27), 5389.

Glat M, et al. (2022) An accessory prefrontal cortex-thalamus circuit sculpts maternal behavior in virgin female mice. The EMBO journal, 41(24), e111648.

Wang K, et al. (2021) Single-cell transcriptomic analysis of somatosensory neurons uncovers temporal development of neuropathic pain. Cell research, 31(8), 904.

Stagkourakis S, et al. (2020) A Neuro-hormonal Circuit for Paternal Behavior Controlled by a Hypothalamic Network Oscillation. Cell, 182(4), 960.

Ma Y, et al. (2019) Galanin Neurons Unite Sleep Homeostasis and α 2-Adrenergic Sedation. Current biology : CB, 29(19), 3315.

Zhang Z, et al. (2019) An Excitatory Circuit in the Periculomotor Midbrain for Non-REM Sleep Control. Cell, 177(5), 1293.

Kohl J, et al. (2018) Functional circuit architecture underlying parental behaviour. Nature, 556(7701), 326.

Chen KS, et al. (2018) A Hypothalamic Switch for REM and Non-REM Sleep. Neuron, 97(5), 1168.

Tan CL, et al. (2016) Warm-Sensitive Neurons that Control Body Temperature. Cell, 167(1), 47.

Wu Z, et al. (2014) Galanin neurons in the medial preoptic area govern parental behaviour. Nature, 509(7500), 325.