

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

STOCK Tg(Th-cre)FI12Gsat/Mmucd

RRID:MMRRC_017262-UCD

Type: Organism

Proper Citation

RRID:MMRRC_017262-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=17262

Proper Citation: RRID:MMRRC_017262-UCD

Description: Mus musculus with name STOCK Tg(Th-cre)FI12Gsat/Mmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: |cre|Th

Catalog Number: 017262-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:14586460](#)

Alternate IDs: MMRRC_17262-UCD, MMRRC_017262, MMRRC_17262

Organism Name: STOCK Tg(Th-cre)FI12Gsat/Mmucd

Record Creation Time: 20230308T054947+0000

Record Last Update: 20260919T133426+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Th-cre)FI12Gsat/Mmucd.

No alerts have been found for STOCK Tg(Th-cre)FI12Gsat/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 [NIF](#).

Zeidler Z, et al. (2025) Dopaminergic projections to the prefrontal cortex are critical for rapid threat avoidance learning. *Current biology : CB*, 35(17), 4259.

Kocaturk S, et al. (2022) Cholinergic control of striatal GABAergic microcircuits. *Cell reports*, 41(4), 111531.

Noble DJ, et al. (2022) C-low threshold mechanoreceptor activation becomes sufficient to trigger affective pain in spinal cord-injured mice in association with increased respiratory rates. *Frontiers in integrative neuroscience*, 16, 1081172.

Tokarska A, et al. (2022) GABAergic interneurons expressing the $\alpha 2$ nicotinic receptor subunit are functionally integrated in the striatal microcircuit. *Cell reports*, 39(8), 110842.

Koralek AC, et al. (2021) Dichotomous dopaminergic and noradrenergic neural states mediate distinct aspects of exploitative behavioral states. *Science advances*, 7(30).

Vertechi P, et al. (2020) Inference-Based Decisions in a Hidden State Foraging Task: Differential Contributions of Prefrontal Cortical Areas. *Neuron*, 106(1), 166.

Gupta RV, et al. (2020) In Vivo Assessment of Cell Death and Nigrostriatal Pathway Integrity Following Continuous Expression of C3 Transferase. *Neuroscience*, 442, 183.

Matias S, et al. (2017) Activity patterns of serotonin neurons underlying cognitive flexibility. *eLife*, 6.