Resource Summary Report

Generated by dkNET on Sep 16, 2026

STOCK Tg(Drd1-cre)FK164Gsat/Mmucd

RRID:MMRRC_030781-UCD
Type: Organism

Proper Citation

RRID:MMRRC_030781-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30781

Proper Citation: RRID:MMRRC_030781-UCD

Description: Mus musculus with name STOCK Tg(Drd1-cre)FK164Gsat/Mmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: |cre|Drd1

Catalog Number: 030781-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:14586460

Alternate IDs: MMRRC_30781-UCD, MMRRC_030781, MMRRC_3781

Organism Name: STOCK Tg(Drd1-cre)FK164Gsat/Mmucd

Record Creation Time: 20230308T055121+0000

Record Last Update: 20260912T134742+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Drd1-cre)FK164Gsat/Mmucd.

No alerts have been found for STOCK Tg(Drd1-cre)FK164Gsat/Mmucd.

Data and Source Information

Source: Integrated Animals

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

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Ansorge J, et al. (2026) Somatosensory control of thalamic relay neurons is regulated by two distinct layer 6 feedback systems. iScience, 29(1), 114427.

Messore LF, et al. (2025) Chronic silencing of Drd1a-Cre+ neurons impairs dopaminergic-driven cortical activation. Frontiers in neuroanatomy, 19, 1548545.

Chang M, et al. (2025) Specific functional connectivity of molecular subtypes of subplate and layer 6b neurons. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(18).

Zolnik TA, et al. (2024) Layer 6b controls brain state via apical dendrites and the higher-order thalamocortical system. Neuron, 112(5), 805.

Chang M, et al. (2024) Distinct distribution of subplate neuron subtypes between the sensory cortices during the early postnatal period. The Journal of comparative neurology, 532(2), e25594.

Kim SJ, et al. (2024) A consensus definition for deep layer 6 excitatory neurons in mouse neocortex. bioRxiv : the preprint server for biology.

Ledderose JMT, et al. (2023) Layer 1 of somatosensory cortex: an important site for input to a tiny cortical compartment. Cerebral cortex (New York, N.Y. : 1991), 33(23), 11354.

Zolnik TA, et al. (2020) Layer 6b Is Driven by Intracortical Long-Range Projection Neurons. Cell reports, 30(10), 3492.

Hoerder-Suabedissen A, et al. (2019) Cell-Specific Loss of SNAP25 from Cortical Projection Neurons Allows Normal Development but Causes Subsequent Neurodegeneration. Cerebral cortex (New York, N.Y. : 1991), 29(5), 2148.