

Resource Summary Report

Generated by [dkNET](#) on Sep 18, 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.