Resource Summary Report

Generated by dkNET on Sep 20, 2026

B6.FVB(Cg)-Tg(Chat-cre)GM60Gsat/Mmucd

RRID:MMRRC_030869-UCD
Type: Organism

Proper Citation

RRID:MMRRC_030869-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30869

Proper Citation: RRID:MMRRC_030869-UCD

Description: Mus musculus with name B6.FVB(Cg)-Tg(Chat-cre)GM60Gsat/Mmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: |cre|Chat

Catalog Number: 030869-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:14586460

Alternate IDs: MMRRC_30869-UCD, MMRRC_030869, MMRRC_3869

Organism Name: B6.FVB(Cg)-Tg(Chat-cre)GM60Gsat/Mmucd

Record Creation Time: 20230308T055121+0000

Record Last Update: 20260919T133828+0000

Ratings and Alerts

No rating or validation information has been found for B6.FVB(Cg)-Tg(Chat-cre)GM60Gsat/Mmucd.

No alerts have been found for B6.FVB(Cg)-Tg(Chat-cre)GM60Gsat/Mmucd.

Data and Source Information

Source: Integrated Animals

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

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Berezovskaia A, et al. (2024) A sex-specific effect of M4 muscarinic cholinergic autoreceptor deletion on locomotor stimulation by cocaine and scopolamine. Frontiers in molecular neuroscience, 17, 1451010.

Cavallaro J, et al. (2023) Dopamine D2 receptors in nucleus accumbens cholinergic interneurons increase impulsive choice. bioRxiv : the preprint server for biology.

Cavallaro J, et al. (2023) Dopamine D2 receptors in nucleus accumbens cholinergic interneurons increase impulsive choice. Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology, 48(9), 1309.

Chen E, et al. (2018) Altered Baseline and Nicotine-Mediated Behavioral and Cholinergic Profiles in ChAT-Cre Mouse Lines. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(9), 2177.

Chuhma N, et al. (2018) Dopamine neuron glutamate cotransmission evokes a delayed excitation in lateral dorsal striatal cholinergic interneurons. eLife, 7.

Ishibashi M, et al. (2015) Orexin Receptor Activation Generates Gamma Band Input to Cholinergic and Serotonergic Arousal System Neurons and Drives an Intrinsic Ca(2+)-Dependent Resonance in LDT and PPT Cholinergic Neurons. Frontiers in neurology, 6, 120.