Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 24, 2025

FVB.Cg-Tg(Drd1-tdTomato)5Calak/Mmnc

RRID:MMRRC_030512-UNC
Type: Organism

Proper Citation

RRID:MMRRC_030512-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30512

Proper Citation: RRID:MMRRC_030512-UNC

Description: Mus musculus with name FVB.Cg-Tg(Drd1-tdTomato)5Calak/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Developmental Biology, Models for Human Disease, Neurobiology, Research Tools; Mutation Type: Transgenic ; Collection:

Affected Gene: Drd1

Catalog Number: 030512-UNC

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:18337395

Alternate IDs: MMRRC_30512-UNC, MMRRC_030512, MMRRC_3512

Organism Name: FVB.Cg-Tg(Drd1-tdTomato)5Calak/Mmnc

Record Creation Time: 20230308T055120+0000

Record Last Update: 20250419T223913+0000

Ratings and Alerts

No rating or validation information has been found for FVB.Cg-Tg(Drd1-tdTomato)5Calak/Mmnc.

No alerts have been found for FVB.Cg-Tg(Drd1-tdTomato)5Calak/Mmnc.

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 FDI Lab - SciCrunch.org.

Zhai S, et al. (2024) Ca2+-dependent phosphodiesterase 1 regulates the plasticity of striatal spiny projection neuron glutamatergic synapses. Cell reports, 43(8), 114540.

Day M, et al. (2024) GABAergic regulation of striatal spiny projection neurons depends upon their activity state. PLoS biology, 22(1), e3002483.

Pittolo S, et al. (2022) Dopamine activates astrocytes in prefrontal cortex via ?1-adrenergic receptors. Cell reports, 40(13), 111426.

Stanley G, et al. (2020) Continuous and Discrete Neuron Types of the Adult Murine Striatum. Neuron, 105(4), 688.

Shillinglaw JE, et al. (2018) Ethanol Modulates Glutamatergic Transmission and NMDAR-Mediated Synaptic Plasticity in the Agranular Insular Cortex. Frontiers in pharmacology, 9, 1458.

Renteria R, et al. (2017) Selective alterations of NMDAR function and plasticity in D1 and D2 medium spiny neurons in the nucleus accumbens shell following chronic intermittent ethanol exposure. Neuropharmacology, 112(Pt A), 164.