

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

B6.FVB(Cg)-Tg(Drd2-EGFP)S118Gsat/KreMmucd

RRID:MMRRC_036931-UCD

Type: Organism

Proper Citation

RRID:MMRRC_036931-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=36931

Proper Citation: RRID:MMRRC_036931-UCD

Description: Mus musculus with name B6.FVB(Cg)-Tg(Drd2-EGFP)S118Gsat/KreMmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Neurobiology; Mutation Type: Transgenic ; Collection:

Affected Gene: |Drd2|EGFP

Catalog Number: 036931-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:22764221](#)

Alternate IDs: MMRRC_36931-UCD, MMRRC_036931, MMRRC_36931

Organism Name: B6.FVB(Cg)-Tg(Drd2-EGFP)S118Gsat/KreMmucd

Record Creation Time: 20230308T055148+0000

Record Last Update: 20260808T124113+0000

Ratings and Alerts

No rating or validation information has been found for B6.FVB(Cg)-Tg(Drd2-EGFP)S118Gsat/KreMmucd.

No alerts have been found for B6.FVB(Cg)-Tg(Drd2-EGFP)S118Gsat/KreMmucd.

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 [NIF](#).

Bijoch ?, et al. (2025) Synaptic Plasticity of D1 and D2 Types of Neurons in the Central Amygdala After Sucrose and Cocaine Exposure. The European journal of neuroscience, 62(8), e70292.

Wu XB, et al. (2023) Excitatory Projections from the Prefrontal Cortex to Nucleus Accumbens Core D1-MSNs and ? Opioid Receptor Modulate Itch-Related Scratching Behaviors. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(8), 1334.

Bertran-Gonzalez J, et al. (2023) Restoring the youthful state of striatal plasticity in aged mice re-enables cognitive control of action. Current biology : CB, 33(10), 1997.

Zhang ZJ, et al. (2023) Descending dopaminergic pathway facilitates itch signal processing via activating spinal GRPR+ neurons. EMBO reports, 24(10), e56098.

Liu Z, et al. (2022) A distinct D1-MSN subpopulation down-regulates dopamine to promote negative emotional state. Cell research, 32(2), 139.

Barbour AJ, et al. (2021) Restoration of KCC2 Membrane Localization in Striatal Dopamine D2 Receptor-Expressing Medium Spiny Neurons Rescues Locomotor Deficits in HIV Tat-Transgenic Mice. ASN neuro, 13, 17590914211022089.

Matamales M, et al. (2017) A corticostriatal deficit promotes temporal distortion of automatic action in ageing. eLife, 6.

Chandra R, et al. (2017) Reduced Slc6a15 in Nucleus Accumbens D2-Neurons Underlies Stress Susceptibility. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(27), 6527.

Graham DL, et al. (2015) Loss of dopamine D2 receptors increases parvalbumin-positive interneurons in the anterior cingulate cortex. ACS chemical neuroscience, 6(2), 297.