Resource Summary Report

Generated by dkNET on Sep 16, 2026

B6.FVB(Cg)-Tg(Slc6a4-cre)ET33Gsat/Mmucd

RRID:MMRRC_031028-UCD
Type: Organism

Proper Citation

RRID:MMRRC_031028-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=31028

Proper Citation: RRID:MMRRC_031028-UCD

Description: Mus musculus with name B6.FVB(Cg)-Tg(Slc6a4-cre)ET33Gsat/Mmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: |Slc6a4|cre

Catalog Number: 031028-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:14586460

Alternate IDs: MMRRC_31028-UCD, MMRRC_031028, MMRRC_3128

Organism Name: B6.FVB(Cg)-Tg(Slc6a4-cre)ET33Gsat/Mmucd

Record Creation Time: 20230308T055121+0000

Record Last Update: 20260912T134744+0000

Ratings and Alerts

No rating or validation information has been found for B6.FVB(Cg)-Tg(Slc6a4-cre)ET33Gsat/Mmucd.

No alerts have been found for B6.FVB(Cg)-Tg(Slc6a4-cre)ET33Gsat/Mmucd.

Data and Source Information

Source: Integrated Animals

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

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Zhong S, et al. (2025) Ultrabright chemical labeling enables rapid neural connectivity profiling in large tissue samples. Neuron.

Lee KKY, et al. (2024) Neonatal hypoxia impairs serotonin release and cognitive functions in adult mice. Neurobiology of disease, 193, 106465.

Negueruela S, et al. (2024) Proper Frequency of Perinatal Retinal Waves Is Essential for the Precise Wiring of Visual Axons in Nonimage-Forming Nuclei. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(40).

Mehta K, et al. (2024) A cis-regulatory module underlies retinal ganglion cell genesis and axonogenesis. Cell reports, 43(6), 114291.

Worley A, et al. (2023) Contrasting walking styles map to discrete neural substrates in the mouse brainstem. bioRxiv : the preprint server for biology.

Burke S, et al. (2022) Axonal Domain Structure as a Putative Identifier of Neuron-Specific Vulnerability to Oxidative Stress in Cultured Neurons. eNeuro, 9(5).

Kingston R, et al. (2021) Serotonin transporter-mediated molecular axis regulates regional retinal ganglion cell vulnerability and axon regeneration after nerve injury. PLoS genetics, 17(11), e1009885.

Cazettes F, et al. (2021) Phasic Activation of Dorsal Raphe Serotonergic Neurons Increases Pupil Size. Current biology : CB, 31(1), 192.

Sengupta A, et al. (2019) A Discrete Dorsal Raphe to Basal Amygdala 5-HT Circuit Calibrates Aversive Memory. Neuron, 103(3), 489.

Hulbert SW, et al. (2017) Cellular and Circuitry Bases of Autism: Lessons Learned from the Temporospatial Manipulation of Autism Genes in the Brain. Neuroscience bulletin, 33(2), 205.

Huang L, et al. (2017) A retinoraphe projection regulates serotonergic activity and looming-evoked defensive behaviour. Nature communications, 8, 14908.

Sengupta A, et al. (2017) Control of Amygdala Circuits by 5-HT Neurons via 5-HT and Glutamate Cotransmission. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(7), 1785.

Zhong W, et al. (2017) Learning and Stress Shape the Reward Response Patterns of Serotonin Neurons. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(37), 8863.

Jin Y, et al. (2016) Regrowth of Serotonin Axons in the Adult Mouse Brain Following Injury. Neuron, 91(4), 748.

Bocchio M, et al. (2016) Sleep and Serotonin Modulate Paracapsular Nitric Oxide Synthase Expressing Neurons of the Amygdala. eNeuro, 3(5).

Li Y, et al. (2016) Serotonin neurons in the dorsal raphe nucleus encode reward signals. Nature communications, 7, 10503.

Isingrini E, et al. (2016) Selective genetic disruption of dopaminergic, serotonergic and noradrenergic neurotransmission: insights into motor, emotional and addictive behaviour. Journal of psychiatry & neuroscience : JPN, 41(3), 169.

Brunert D, et al. (2016) Cell-Type-Specific Modulation of Sensory Responses in Olfactory Bulb Circuits by Serotonergic Projections from the Raphe Nuclei. The Journal of neuroscience : the official journal of the Society for Neuroscience, 36(25), 6820.

Rothermel M, et al. (2013) Transgene expression in target-defined neuron populations mediated by retrograde infection with adeno-associated viral vectors. The Journal of neuroscience : the official journal of the Society for Neuroscience, 33(38), 15195.