

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.org) on Apr 24, 2025

STOCK Tg(Th-EGFP)DJ76Gsat/Mmnc

RRID:MMRRC_000292-UNC

Type: Organism

Proper Citation

RRID:MMRRC_000292-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=292

Proper Citation: RRID:MMRRC_000292-UNC

Description: Mus musculus with name STOCK Tg(Th-EGFP)DJ76Gsat/Mmnc from MMRRC.

Species: Mus musculus

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

Affected Gene: Th|EGFP||

Catalog Number: 000292-UNC

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:14586460](https://pubmed.ncbi.nlm.nih.gov/14586460/)

Alternate IDs: MMRRC_292-UNC, MMRRC_000292, MMRRC_292

Organism Name: STOCK Tg(Th-EGFP)DJ76Gsat/Mmnc

Record Creation Time: 20230308T054751+0000

Record Last Update: 20250419T222358+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Th-EGFP)DJ76Gsat/Mmnc.

No alerts have been found for STOCK Tg(Th-EGFP)DJ76Gsat/Mmnc.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Hahn S, et al. (2023) Proximal dendritic localization of NALCN channels underlies tonic and burst firing in nigral dopaminergic neurons. *The Journal of physiology*, 601(1), 171.

Um KB, et al. (2021) TRPC3 and NALCN channels drive pacemaking in substantia nigra dopaminergic neurons. *eLife*, 10.

Hahn S, et al. (2020) N-benzhydryl quinuclidine compounds are a potent and Src kinase-independent inhibitor of NALCN channels. *British journal of pharmacology*, 177(16), 3795.

Porter-Stransky KA, et al. (2019) Noradrenergic Transmission at Alpha1-Adrenergic Receptors in the Ventral Periaqueductal Gray Modulates Arousal. *Biological psychiatry*, 85(3), 237.

de Miguel E, et al. (2019) Conditioned Aversion and Neuroplasticity Induced by a Superagonist of Extrasynaptic GABAA Receptors: Correlation With Activation of the Oval BNST Neurons and CRF Mechanisms. *Frontiers in molecular neuroscience*, 12, 130.

Hook PW, et al. (2018) Single-Cell RNA-Seq of Mouse Dopaminergic Neurons Informs Candidate Gene Selection for Sporadic Parkinson Disease. *American journal of human genetics*, 102(3), 427.

Gao L, et al. (2017) Gene expression analyses reveal metabolic specifications in acute O2-sensing chemoreceptor cells. *The Journal of physiology*, 595(18), 6091.

Henley BM, et al. (2017) Reliable Identification of Living Dopaminergic Neurons in Midbrain Cultures Using RNA Sequencing and TH-promoter-driven eGFP Expression. *Journal of visualized experiments : JoVE*(120).

Ünal B, et al. (2015) Anatomical and electrophysiological changes in striatal TH interneurons after loss of the nigrostriatal dopaminergic pathway. *Brain structure & function*, 220(1), 331.

Xenias HS, et al. (2015) Are striatal tyrosine hydroxylase interneurons dopaminergic? *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 35(16), 6584.

Ibáñez-Sandoval O, et al. (2010) Electrophysiological and morphological characteristics and synaptic connectivity of tyrosine hydroxylase-expressing neurons in adult mouse striatum. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 30(20), 6999.