

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

STOCK Tg(Htr3a-cre)NO152Gsat/Mmucd

RRID:MMRRC_036680-UCD

Type: Organism

Proper Citation

RRID:MMRRC_036680-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=36680

Proper Citation: RRID:MMRRC_036680-UCD

Description: Mus musculus with name STOCK Tg(Htr3a-cre)NO152Gsat/Mmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: Htr3a|cre|

Catalog Number: 036680-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:14586460](#)

Alternate IDs: MMRRC_36680-UCD, MMRRC_036680, MMRRC_3668

Organism Name: STOCK Tg(Htr3a-cre)NO152Gsat/Mmucd

Record Creation Time: 20230308T055147+0000

Record Last Update: 20260829T123632+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Htr3a-cre)NO152Gsat/Mmucd.

No alerts have been found for STOCK Tg(Htr3a-cre)NO152Gsat/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

Moakley DF, et al. (2025) Reverse engineering neuron-type-specific and type-orthogonal splicing-regulatory networks using diverse cellular transcriptomes. Cell reports, 44(7), 115898.

de la Torre-Martínez R, et al. (2025) Presynaptic and postsynaptic determinants of claustrum-cortical connectivity. Current biology : CB, 35(13), 3174.

Machold R, et al. (2024) Genetic approaches to elucidating cortical and hippocampal GABAergic interneuron diversity. Frontiers in cellular neuroscience, 18, 1414955.

Kim JH, et al. (2024) GABAergic/Glycinergic and Glutamatergic Neurons Mediate Distinct Neurodevelopmental Phenotypes of STXBP1 Encephalopathy. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(14).

Iannone AF, et al. (2024) The chemokine Cxcl14 regulates interneuron differentiation in layer I of the somatosensory cortex. Cell reports, 43(8), 114531.

Hu H, et al. (2023) Ultrafast (400 Hz) network oscillations induced in mouse barrel cortex by optogenetic activation of thalamocortical axons. eLife, 12.

Yao S, et al. (2023) A whole-brain monosynaptic input connectome to neuron classes in mouse visual cortex. Nature neuroscience, 26(2), 350.

Tokarska A, et al. (2022) GABAergic interneurons expressing the $\alpha 2$ nicotinic receptor subunit are functionally integrated in the striatal microcircuit. Cell reports, 39(8), 110842.

Wong FK, et al. (2022) Serotonergic regulation of bipolar cell survival in the developing cerebral cortex. Cell reports, 40(1), 111037.

Koukoulis F, et al. (2022) Visual-area-specific tonic modulation of GABA release by endocannabinoids sets the activity and coordination of neocortical principal neurons. Cell reports, 40(8), 111202.

Yarden TS, et al. (2022) Context-Dependent Inhibitory Control of Stimulus-Specific Adaptation. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(23), 4629.

Kocaturk S, et al. (2022) Cholinergic control of striatal GABAergic microcircuits. *Cell reports*, 41(4), 111531.

Lee BR, et al. (2021) Scaled, high fidelity electrophysiological, morphological, and transcriptomic cell characterization. *eLife*, 10.

Yao Z, et al. (2021) A taxonomy of transcriptomic cell types across the isocortex and hippocampal formation. *Cell*, 184(12), 3222.

Anastasiades PG, et al. (2021) Mediodorsal and Ventromedial Thalamus Engage Distinct L1 Circuits in the Prefrontal Cortex. *Neuron*, 109(2), 314.

Luo L, et al. (2020) Optimizing Nervous System-Specific Gene Targeting with Cre Driver Lines: Prevalence of Germline Recombination and Influencing Factors. *Neuron*, 106(1), 37.

Bouvier G, et al. (2020) Head Movements Control the Activity of Primary Visual Cortex in a Luminance-Dependent Manner. *Neuron*, 108(3), 500.

Gouwens NW, et al. (2020) Integrated Morphoelectric and Transcriptomic Classification of Cortical GABAergic Cells. *Cell*, 183(4), 935.

Takesian AE, et al. (2018) Inhibitory circuit gating of auditory critical-period plasticity. *Nature neuroscience*, 21(2), 218.

Hu H, et al. (2016) Differential Excitation of Distally versus Proximally Targeting Cortical Interneurons by Unitary Thalamocortical Bursts. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 36(26), 6906.