

Resource Summary Report

Generated by [NIF](#) on Sep 13, 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: 20260912T134844+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.