

Resource Summary Report

Generated by [dkNET](#) on Jul 28, 2026

STOCK Tg(Dbh-cre)KH212Gsat/Mmucd

RRID:MMRRC_032081-UCD

Type: Organism

Proper Citation

RRID:MMRRC_032081-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32081

Proper Citation: RRID:MMRRC_032081-UCD

Description: Mus musculus with name STOCK Tg(Dbh-cre)KH212Gsat/Mmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: Dbh|cre|

Catalog Number: 032081-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:14586460](#)

Alternate IDs: MMRRC_32081-UCD, MMRRC_032081, MMRRC_3281

Organism Name: STOCK Tg(Dbh-cre)KH212Gsat/Mmucd

Record Creation Time: 20230308T055126+0000

Record Last Update: 20260725T164128+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Dbh-cre)KH212Gsat/Mmucd.

No alerts have been found for STOCK Tg(Dbh-cre)KH212Gsat/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Tong C, et al. (2025) Norepinephrine-mediated arousal fluctuations drive inverted U-shaped functional connectivity dynamics. *Nature communications*, 16(1), 11318.

Liu L, et al. (2025) Short-term stress preconditioning activates sympathetic innervation in the testes to mitigate testicular ischemia-reperfusion injury. *Journal of neuroinflammation*, 22(1), 191.

Cooke P, et al. (2025) Functional Regrowth of Norepinephrine Axons in the Adult Mouse Brain Following Injury. *eNeuro*, 12(1).

Gu BM, et al. (2025) Substantia nigra modulates breathing rate via locus coeruleus. *iScience*, 28(5), 112423.

Lubejko ST, et al. (2024) Inputs to the locus coeruleus from the periaqueductal gray and rostroventral medulla shape opioid-mediated descending pain modulation. *Science advances*, 10(17), ead9581.

Schwalbe DC, et al. (2024) Molecular Organization of Autonomic, Respiratory, and Spinally-Projecting Neurons in the Mouse Ventrolateral Medulla. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(31).

Meng Q, et al. (2023) Inhibition of norepinephrine signaling during a sensitive period disrupts locus coeruleus circuitry and emotional behaviors in adulthood. *Scientific reports*, 13(1), 3077.

Corona A, et al. (2023) A circuit from the locus coeruleus to the anterior cingulate cortex modulates offspring interactions in mice. *Cell reports*, 42(7), 112771.

Chen CH, et al. (2023) Gastric vagal afferent signaling to the basolateral amygdala mediates anxiety-like behaviors in experimental colitis mice. *JCI insight*, 8(12).

Hughes AC, et al. (2023) A Novel Single Vector Intersectional AAV Strategy for Interrogating Cellular Diversity and Brain Function. *bioRxiv : the preprint server for biology*.

Lubejko ST, et al. (2023) Inputs to the locus coeruleus from the periaqueductal gray and rostroventral medulla shape opioid-mediated descending pain modulation. *bioRxiv : the preprint server for biology*.

Dvorkin R, et al. (2022) Precise and Pervasive Phasic Bursting in Locus Coeruleus during Maternal Behavior in Mice. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(14), 2986.

Xiang C, et al. (2021) Intestinal microbiota modulates adrenomedullary response through Nod1 sensing in chromaffin cells. *iScience*, 24(8), 102849.

Torres H, et al. (2021) Sympathetic innervation of the mouse kidney and liver arising from prevertebral ganglia. *American journal of physiology. Regulatory, integrative and comparative physiology*, 321(3), R328.

Sun P, et al. (2020) Sex-Related Differential Whole-Brain Input Atlas of Locus Coeruleus Noradrenaline Neurons. *Frontiers in neural circuits*, 14, 53.

Losacco J, et al. (2020) Learning improves decoding of odor identity with phase-referenced oscillations in the olfactory bulb. *eLife*, 9.

Dougherty SE, et al. (2020) Catecholaminergic axons in the neocortex of adult mice regrow following brain injury. *Experimental neurology*, 323, 113089.

Kim SJ, et al. (2020) Neural regulation of energy and bone homeostasis by the synaptic adhesion molecule Calsyntenin-3. *Experimental & molecular medicine*, 52(5), 793.

Li S, et al. (2019) Conversion of Astrocytes and Fibroblasts into Functional Noradrenergic Neurons. *Cell reports*, 28(3), 682.

Nomura S, et al. (2014) Noradrenalin and dopamine receptors both control cAMP-PKA signaling throughout the cerebral cortex. *Frontiers in cellular neuroscience*, 8, 247.