

Resource Summary Report

Generated by [dkNET](#) on Sep 10, 2026

STOCK Tg(Grm2-cre)MR90Gsat/Mmucd

RRID:MMRRC_034611-UCD

Type: Organism

Proper Citation

RRID:MMRRC_034611-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=34611

Proper Citation: RRID:MMRRC_034611-UCD

Description: Mus musculus with name STOCK Tg(Grm2-cre)MR90Gsat/Mmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: cre|Grm2|

Catalog Number: 034611-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:14586460](#)

Alternate IDs: MMRRC_34611-UCD, MMRRC_034611, MMRRC_34611

Organism Name: STOCK Tg(Grm2-cre)MR90Gsat/Mmucd

Record Creation Time: 20230308T055134+0000

Record Last Update: 20260905T110901+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Grm2-cre)MR90Gsat/Mmucd.

No alerts have been found for STOCK Tg(Grm2-cre)MR90Gsat/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Munguba H, et al. (2025) Projection-targeted photopharmacology reveals distinct anxiolytic roles for presynaptic mGluR2 in prefrontal- and insula-amygdala synapses. *Neuron*, 113(6), 912.

Munguba H, et al. (2024) Projection-Targeted Photopharmacology Reveals Distinct Anxiolytic Roles for Presynaptic mGluR2 in Prefrontal- and Insula-Amygdala Synapses. *bioRxiv : the preprint server for biology*.

McHugh SB, et al. (2024) Offline hippocampal reactivation during dentate spikes supports flexible memory. *Neuron*, 112(22), 3768.

McHugh SB, et al. (2022) Adult-born dentate granule cells promote hippocampal population sparsity. *Nature neuroscience*, 25(11), 1481.

Gutzeit VA, et al. (2021) A fine-tuned azobenzene for enhanced photopharmacology in vivo. *Cell chemical biology*, 28(11), 1648.

Acosta-Ruiz A, et al. (2020) Branched Photoswitchable Tethered Ligands Enable Ultra-efficient Optical Control and Detection of G Protein-Coupled Receptors In Vivo. *Neuron*, 105(3), 446.

Gelegen C, et al. (2018) Excitatory Pathways from the Lateral Habenula Enable Propofol-Induced Sedation. *Current biology : CB*, 28(4), 580.