

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

STOCK Tg(Ucn3-cre)KF43Gsat/Mmucd

RRID:MMRRC_032078-UCD

Type: Organism

Proper Citation

RRID:MMRRC_032078-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32078

Proper Citation: RRID:MMRRC_032078-UCD

Description: Mus musculus with name STOCK Tg(Ucn3-cre)KF43Gsat/Mmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: Ucn3|cre|

Catalog Number: 032078-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:14586460](#)

Alternate IDs: MMRRC_32078-UCD, MMRRC_032078, MMRRC_3278

Organism Name: STOCK Tg(Ucn3-cre)KF43Gsat/Mmucd

Record Creation Time: 20230308T055126+0000

Record Last Update: 20260919T133837+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Ucn3-cre)KF43Gsat/Mmucd.

No alerts have been found for STOCK Tg(Ucn3-cre)KF43Gsat/Mmucd.

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 [NIF](#).

Huang SM, et al. (2026) Compartmentalized glycolysis powers ATP production in primary cilia and engages mitochondria via the phosphoenolpyruvate cycle. bioRxiv : the preprint server for biology.

Walker SJ, et al. (2026) A hypothalamic circuit for anticipating future changes in energy balance. Neuron.

Walker SJ, et al. (2025) A hypothalamic circuit for anticipating future changes in energy balance. bioRxiv : the preprint server for biology.

Hart RG, et al. (2025) Somatostatin Receptors Shape Insulin and Glucagon Output within the Pancreatic Islet through Direct and Paracrine Effects. bioRxiv : the preprint server for biology.

Ivanova D, et al. (2022) Posterodorsal Medial Amygdala Urocortin-3, GABA, and Glutamate Mediate Suppression of LH Pulsatility in Female Mice. Endocrinology, 164(2).

Ivanova D, et al. (2022) Role of Posterodorsal Medial Amygdala Urocortin-3 in Pubertal Timing in Female Mice. Frontiers in endocrinology, 13, 893029.

Horii-Hayashi N, et al. (2021) Protocol for behavioral tests using chemogenetically manipulated mice. STAR protocols, 2(2), 100418.

Ivanova D, et al. (2021) Urocortin3 in the Posterodorsal Medial Amygdala Mediates Stress-induced Suppression of LH Pulsatility in Female Mice. Endocrinology, 162(12).

Autry AE, et al. (2021) Urocortin-3 neurons in the mouse perifornical area promote infant-directed neglect and aggression. eLife, 10.

van der Meulen T, et al. (2018) Artemether Does Not Turn ? Cells into ? Cells. Cell metabolism, 27(1), 218.

van der Meulen T, et al. (2017) Virgin Beta Cells Persist throughout Life at a Neogenic Niche within Pancreatic Islets. Cell metabolism, 25(4), 911.