

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

B6(Cg)-Cux2^{tm3.1}(cre/ERT2)Mull/Mmmh

RRID:MMRRC_032779-MU

Type: Organism

Proper Citation

RRID:MMRRC_032779-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32779

Proper Citation: RRID:MMRRC_032779-MU

Description: Mus musculus with name B6(Cg)-Cux2^{tm3.1}(cre/ERT2)Mull/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: Neuroscience Blueprint

Affected Gene: creCux2

Catalog Number: 032779-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_32779-MU, MMRRC_032779, MMRRC_32779

Organism Name: B6(Cg)-Cux2^{tm3.1}(cre/ERT2)Mull/Mmmh

Record Creation Time: 20230308T055130+0000

Record Last Update: 20260829T123438+0000

Ratings and Alerts

No rating or validation information has been found for B6(Cg)-*Cux2^{tm3.1}(cre/ERT2)*Mull/Mmmh.

No alerts have been found for B6(Cg)-*Cux2^{tm3.1}(cre/ERT2)*Mull/Mmmh.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Haziza S, et al. (2025) Imaging high-frequency voltage dynamics in multiple neuron classes of behaving mammals. *Cell*, 188(16), 4401.

Hsiao Y, et al. (2025) Persistent large-scale changes in alternative splicing in prefrontal cortical neuron types following psychedelic exposure. *bioRxiv : the preprint server for biology*.

Heindorf M, et al. (2024) Antipsychotic drugs selectively decorrelate long-range interactions in deep cortical layers. *eLife*, 12.

Dias RF, et al. (2024) Visual experience reduces the spatial redundancy between cortical feedback inputs and primary visual cortex neurons. *Neuron*, 112(19), 3329.

Milicevic KD, et al. (2023) Imaging of Evoked Cortical Depolarizations Using Either ASAP2s, or chi-VSFP, or Di-4-Anepps, or Autofluorescence Optical Signals. *Journal of integrative neuroscience*, 22(6), 160.

O'Rawe JF, et al. (2023) Excitation creates a distributed pattern of cortical suppression due to varied recurrent input. *Neuron*, 111(24), 4086.

Bounds HA, et al. (2023) All-optical recreation of naturalistic neural activity with a multifunctional transgenic reporter mouse. *Cell reports*, 42(8), 112909.

Bharioke A, et al. (2022) General anesthesia globally synchronizes activity selectively in layer 5 cortical pyramidal neurons. *Neuron*, 110(12), 2024.

Donaldson PD, et al. (2022) Polymer Skulls With Integrated Transparent Electrode Arrays for Cortex-Wide Opto-Electrophysiological Recordings. *Advanced healthcare materials*, 11(18), e2200626.

Yuan W, et al. (2022) Temporally divergent regulatory mechanisms govern neuronal diversification and maturation in the mouse and marmoset neocortex. *Nature neuroscience*, 25(8), 1049.

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

Goldbach HC, et al. (2021) Performance in even a simple perceptual task depends on mouse secondary visual areas. *eLife*, 10.

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

Emanuel AJ, et al. (2021) Cortical responses to touch reflect subcortical integration of LTMR signals. *Nature*, 600(7890), 680.

Huang L, et al. (2021) Relationship between simultaneously recorded spiking activity and fluorescence signal in GCaMP6 transgenic mice. *eLife*, 10.

Graybuck LT, et al. (2021) Enhancer viruses for combinatorial cell-subclass-specific labeling. *Neuron*, 109(9), 1449.

Millman DJ, et al. (2020) VIP interneurons in mouse primary visual cortex selectively enhance responses to weak but specific stimuli. *eLife*, 9.

Veldman MB, et al. (2020) Brainwide Genetic Sparse Cell Labeling to Illuminate the Morphology of Neurons and Glia with Cre-Dependent MORF Mice. *Neuron*, 108(1), 111.

Waters J, et al. (2019) Biological variation in the sizes, shapes and locations of visual cortical areas in the mouse. *PloS one*, 14(5), e0213924.

Gray LT, et al. (2017) Layer-specific chromatin accessibility landscapes reveal regulatory networks in adult mouse visual cortex. *eLife*, 6.