Resource Summary Report

Generated by NIF on Sep 21, 2026

B6;129P2-*Uchl1*^{tm1Dgen}/Mmnc

RRID:MMRRC_011642-UNC
Type: Organism

Proper Citation

RRID:MMRRC_011642-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=11642

Proper Citation: RRID:MMRRC_011642-UNC

Description: Mus musculus with name B6;129P2-*Uchl1*^{tm1Dgen}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: Deltagen

Phenotype: kyphosis [MP:0000160]| hindlimb paralysis [MP:0000755]| forelimb paralysis [MP:0000756]| motor neuron degeneration [MP:0000938]| abnormal neuromuscular synapse morphology [MP:0001053]| weight loss [MP:0001263]| impaired coordination [MP:0001405]| abnormal gait [MP:0001406]| limb grasping [MP:0001513]| increased thermal nociceptive threshold [MP:0001973]| premature death [MP:0002083]| abnormal PNS synaptic transmission [MP:0002913]| abnormal endplate potential [MP:0002914]| increased synaptic depression [MP:0002916]| decreased paired-pulse facilitation [MP:0002920]| increased coping response [MP:0003063]| astrocytosis [MP:0003354]| decreased neurotransmitter release [MP:0003990]| abnormal miniature endplate potential [MP:0004835]| abnormal synaptic plasticity [MP:0004859]| axon degeneration [MP:0005405]| alpha-synuclein inclusion body [MP:0008493]| decreased grip strength [MP:0010053]

Affected Gene: Uchl1

Catalog Number: 011642-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_11642-UNC, MMRRC_011642, MMRRC_11642

Organism Name: B6;129P2-*Uchl1*^{tm1Dgen}/Mmnc

Record Creation Time: 20230308T054912+0000

Record Last Update: 20260919T133256+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-*Uchl1*^{tm1Dgen}/Mmnc.

No alerts have been found for B6;129P2-*Uchl1*^{tm1Dgen}/Mmnc.

Data and Source Information

Source: Integrated Animals

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

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Luo J, et al. (2025) Genetic loss of Uchl1 leads to female infertility by affecting oocyte quality and follicular development. Molecular and cellular endocrinology, 597, 112440.

Zlatic SA, et al. (2018) Rare Disease Mechanisms Identified by Genealogical Proteomics of Copper Homeostasis Mutant Pedigrees. Cell systems, 6(3), 368.