

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

C57BL/6N-Ush1ctm1a(KOMP)Wtsi/Mmucd

RRID:MMRRC_050298-UCD

Type: Organism

Proper Citation

RRID:MMRRC_050298-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=50298

Proper Citation: RRID:MMRRC_050298-UCD

Description: Mus musculus with name C57BL/6N-Ush1ctm1a(KOMP)Wtsi/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: decreased circulating HDL cholesterol level [MP:0000186]| increased rib number [MP:0000480]| decreased body length [MP:0001258]| stereotypic behavior [MP:0001408]| trunk curl [MP:0001512]| limb grasping [MP:0001513]| impaired righting response [MP:0001523]| increased mean platelet volume [MP:0002599]| decreased circulating triglyceride level [MP:0002644]| decreased circulating insulin level [MP:0002727]| increased circulating chloride level [MP:0003019]| increased lean body mass [MP:0003960]| decreased circulating cholesterol level [MP:0005179]| improved glucose tolerance [MP:0005292]| decreased circulating glucose level [MP:0005560]| decreased circulating potassium level [MP:0005628]| increased circulating sodium level [MP:0005633]| absent pinna reflex [MP:0006358]| decreased circulating amylase level [MP:0008805]| decreased total body fat amount [MP:0010025]| decreased grip strength [MP:0010053]| increased bone mineral content [MP:0010123]| increased or absent threshold for auditory brainstem response [MP:0011967]

Affected Gene: Ush1c

Catalog Number: 050298-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_50298-UCD, MMRRC_050298, MMRRC_5298

Organism Name: C57BL/6N-*Ush1ctm1a(KOMP)Wtsi*/Mmucd

Record Creation Time: 20230308T055311+0000

Record Last Update: 20260801T124731+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Ush1ctm1a(KOMP)Wtsi*/Mmucd.

No alerts have been found for C57BL/6N-*Ush1ctm1a(KOMP)Wtsi*/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We have not found any literature mentions for this resource.