

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

B6;129S5-Chst14^{tm1Lex}/Mmucd

RRID:MMRRC_031629-UCD

Type: Organism

Proper Citation

RRID:MMRRC_031629-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=31629

Proper Citation: RRID:MMRRC_031629-UCD

Description: Mus musculus with name B6;129S5-Chst14^{tm1Lex}/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: decreased body length [MP:0001258]| decreased anxiety-related response [MP:0001364]| enhanced sensorimotor gating [MP:0003889]

Affected Gene: Chst14

Catalog Number: 031629-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:20562862](#)

Alternate IDs: MMRRC_31629-UCD, MMRRC_031629, MMRRC_31629

Organism Name: B6;129S5-Chst14^{tm1Lex}/Mmucd

Record Creation Time: 20230308T055124+0000

Record Last Update: 20260801T124229+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S5-*Chst14*^{tm1Lex}/Mmucd.

No alerts have been found for B6;129S5-*Chst14*^{tm1Lex}/Mmucd.

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 [RRID](#) .

Ono F, et al. (2025) Carbohydrate sulfotransferase 14 gene deletion induces dermatan sulfate deficiency and affects collagen structure and bowel contraction. PloS one, 20(5), e0320943.

Shimada S, et al. (2020) Backcrossing to an appropriate genetic background improves the birth rate of carbohydrate sulfotransferase 14 gene-deleted mice. Experimental animals, 69(4), 407.