

Resource Summary Report

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

B6N.129S5-Chsy1^{tm1Lex}/Mmucd

RRID:MMRRC_032196-UCD

Type: Organism

Proper Citation

RRID:MMRRC_032196-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32196

Proper Citation: RRID:MMRRC_032196-UCD

Description: Mus musculus with name B6N.129S5-Chsy1^{tm1Lex}/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal rib morphology [MP:0000150]| abnormal long bone hypertrophic chondrocyte zone [MP:0000165]| short limbs [MP:0000547]| abnormal carpal bone morphology [MP:0000554]| weakness [MP:0000746]| retinal degeneration [MP:0001326]| abnormal axial skeleton morphology [MP:0002114]| abnormal limb bone morphology [MP:0002115]| abnormal craniofacial bone morphology [MP:0002116]| chondrodystrophy [MP:0002657]| brachypodia [MP:0002772]| arthritis [MP:0002993]| abnormal metatarsal bone morphology [MP:0003072]| abnormal metacarpal bone morphology [MP:0003073]| abnormal bone structure [MP:0003795]| short ribs [MP:0004672]| thin ribs [MP:0004674]| abnormal phalanx morphology [MP:0005306]| increased mean corpuscular hemoglobin [MP:0005561]| decreased trabecular bone thickness [MP:0009346]| decreased red blood cell distribution width [MP:0010068]| abnormal bone mineral content [MP:0010122]| decreased bone mineral content [MP:0010124]| decreased bone trabecula number [MP:0010869]| decreased trabecular bone volume [MP:0010879]| decreased trabecular bone connectivity density [MP:0010933]| decreased volumetric bone mineral density [MP:0013616]| delayed chondrocyte differentiation [MP:0014106]

Affected Gene: Chsy1

Catalog Number: 032196-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:20562862](#)

Alternate IDs: MMRRC_32196-UCD, MMRRC_032196, MMRRC_32196

Organism Name: B6N.129S5-*Chsy1*^{tm1Lex}/Mmucd

Record Creation Time: 20230308T055127+0000

Record Last Update: 20260919T133839+0000

Ratings and Alerts

No rating or validation information has been found for B6N.129S5-*Chsy1*^{tm1Lex}/Mmucd.

No alerts have been found for B6N.129S5-*Chsy1*^{tm1Lex}/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.