

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

B6;129S5-Tmem178^{tm1Lex}/Mmucd

RRID:MMRRC_032664-UCD

Type: Organism

Proper Citation

RRID:MMRRC_032664-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32664

Proper Citation: RRID:MMRRC_032664-UCD

Description: Mus musculus with name B6;129S5-Tmem178^{tm1Lex}/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: decreased bone mineral density [MP:0000063]| abnormal osteoclast physiology [MP:0001541]| increased susceptibility to induced arthritis [MP:0003724]| decreased bone mass [MP:0004016]| increased osteoclast cell number [MP:0004984]| increased bone resorption [MP:0004992]| abnormal osteoclast differentiation [MP:0008396]| decreased trabecular bone thickness [MP:0009346]| decreased trabecular bone mass [MP:0010873]| decreased trabecular bone volume [MP:0010879]

Affected Gene: Tmem178

Catalog Number: 032664-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:20562862](#)

Alternate IDs: MMRRC_32664-UCD, MMRRC_032664, MMRRC_32664

Organism Name: B6;129S5-Tmem178^{tm1Lex}/Mmucd

Record Creation Time: 20230308T055130+0000

Record Last Update: 20260912T134805+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S5-*Tmem178^{tm1Lex}*/Mmucd.

No alerts have been found for B6;129S5-*Tmem178^{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.