

Resource Summary Report

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

C57BL/6N-Col1a2^{tm1b(EUCOMM)Wtsi}/LaeIMmnc

RRID:MMRRC_066964-UNC

Type: Organism

Proper Citation

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Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=66964

Proper Citation: RRID:MMRRC_066964-UNC

Description: Mus musculus with name C57BL/6N-Col1a2^{tm1b(EUCOMM)Wtsi}/LaeIMmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer, Cardiovascular, Cell Biology, Dermatology, Developmental Biology, Endocrine Deficiency, Hematology, Internal/Organ, Metabolism, Models for Human Disease, Obesity, Sensorineural; Mutation Type: Targeted Mutation ; Collection:

Phenotype: increased bone mineral density [MP:0000062]| abnormal femur morphology [MP:0000559]| dilated heart left ventricle [MP:0002753]| decreased circulating glucose level [MP:0005560]| decreased total body fat amount [MP:0010025]| increased bone mineral content [MP:0010123]

Affected Gene: Col1a2

Catalog Number: 066964-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_66964-UNC, MMRRC_066964, MMRRC_66964

Organism Name: C57BL/6N-Col1a2^{tm1b(EUCOMM)Wtsi}/LaeIMmnc

Record Creation Time: 20230308T055511+0000

Record Last Update: 20260801T125404+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Col1a2^{tm1b(EUCOMM)Wtsi}/LaelMmnc*.

No alerts have been found for C57BL/6N-*Col1a2^{tm1b(EUCOMM)Wtsi}/LaelMmnc*.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Lee KJ, et al. (2022) Collagen (I) homotrimer potentiates the osteogenesis imperfecta (oim) mutant allele and reduces survival in male mice. Disease models & mechanisms, 15(9).