

Resource Summary Report

Generated by [dkNET](#) on Sep 9, 2026

C57BL/6N-Sosttm1(KOMP)Vlcg/Mmucd

RRID:MMRRC_049806-UCD

Type: Organism

Proper Citation

RRID:MMRRC_049806-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=49806

Proper Citation: RRID:MMRRC_049806-UCD

Description: Mus musculus with name C57BL/6N-Sosttm1(KOMP)Vlcg/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: increased bone mineral density [MP:0000062]| abnormal trabecular bone morphology [MP:0000130]| abnormal bone mineralization [MP:0002896]| abnormal compact bone morphology [MP:0003797]| increased compact bone thickness [MP:0004148]| abnormal osteoblast morphology [MP:0004986]| increased bone mass [MP:0005605]| abnormal bone ossification [MP:0008271]| increased trabecular bone thickness [MP:0009347]| increased bone trabecula number [MP:0010868]| increased bone volume [MP:0010875]| increased trabecular bone volume [MP:0010878]| increased trabecular bone connectivity density [MP:0010932]| increased compact bone area [MP:0010967]| decreased osteocyte apoptosis [MP:0030480]

Affected Gene: Sost

Catalog Number: 049806-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_49806-UCD, MMRRC_049806, MMRRC_4986

Organism Name: C57BL/6N-*Sosttm1(KOMP)Vlcg*/Mmucd

Record Creation Time: 20230308T055307+0000

Record Last Update: 20260905T111154+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Sosttm1(KOMP)Vlcg*/Mmucd.

No alerts have been found for C57BL/6N-*Sosttm1(KOMP)Vlcg*/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.