

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

KOMP ES cell line *Sosttm1(KOMP)Vlcg*

RRID:MMRRC_062766-UCD

Type: Organism

Proper Citation

RRID:MMRRC_062766-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=62766

Proper Citation: RRID:MMRRC_062766-UCD

Description: Mus musculus with name KOMP ES cell line *Sosttm1(KOMP)Vlcg* 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: 062766-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_62766-UCD, MMRRC_062766, MMRRC_62766

Organism Name: KOMP ES cell line *Sosttm1(KOMP)Vlbg*

Record Creation Time: 20230308T055440+0000

Record Last Update: 20260912T135529+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Sosttm1(KOMP)Vlbg*.

No alerts have been found for KOMP ES cell line *Sosttm1(KOMP)Vlbg*.

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.