

Resource Summary Report

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

B6;129/Sv *Amelx*^{*tm1Kul*}/Mmnc

RRID:MMRRC_000044-UNC

Type: Organism

Proper Citation

RRID:MMRRC_000044-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=44

Proper Citation: RRID:MMRRC_000044-UNC

Description: Mus musculus with name B6;129/Sv *Amelx*^{*tm1Kul*}/Mmnc from MMRRC.

Species: Mus musculus

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

Phenotype: brittle teeth [MP:0000126]| increased tumor incidence [MP:0002020]| abnormal tooth morphology [MP:0002100]| abnormal enamel morphology [MP:0002576]| reduced enamel thickness [MP:0002577]| abnormal enamel rod pattern [MP:0002649]

Affected Gene: *Amelx*

Catalog Number: 000044-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:11406633](#)

Alternate IDs: MMRRC_44-UNC, MMRRC_000044, MMRRC_44

Organism Name: B6;129/Sv *Amelx*^{*tm1Kul*}/Mmnc

Record Creation Time: 20230308T054750+0000

Record Last Update: 20260912T133930+0000

Ratings and Alerts

No rating or validation information has been found for B6;129/Sv *Amelx*^{tm1Kul}/Mmnc.

No alerts have been found for B6;129/Sv *Amelx*^{tm1Kul}/Mmnc.

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 [dkNET](#) .

Helwa-Shalom O, et al. (2025) Amelogenin Null Mice Develop Osteoarthritis, While Its Application Mitigates Disease Phenotypes in a Rat Model. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(14), e70838.