

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

B6;129X1-Amelx^{tm1Msnd}/Mmucd

RRID:MMRRC_034314-UCD

Type: Organism

Proper Citation

RRID:MMRRC_034314-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=34314

Proper Citation: RRID:MMRRC_034314-UCD

Description: Mus musculus with name B6;129X1-Amelx^{tm1Msnd}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Developmental Biology, Models for Human Disease, Research Tools; Mutation Type: Targeted Mutation ; Collection:

Phenotype: brittle teeth [MP:0000126]| abnormal enamel morphology [MP:0002576]| reduced enamel thickness [MP:0002577]| abnormal enamel rod pattern [MP:0002649]| abnormal ameloblast morphology [MP:0002650]| abnormal molar cusp morphology [MP:0030457]| abnormal tooth wear [MP:0030458]| short Tomes' process [MP:0030513]

Affected Gene: Amelx

Catalog Number: 034314-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:16707492](#)

Alternate IDs: MMRRC_34314-UCD, MMRRC_034314, MMRRC_34314

Organism Name: B6;129X1-Amelx^{tm1Msnd}/Mmucd

Record Creation Time: 20230308T055132+0000

Record Last Update: 20260808T124033+0000

Ratings and Alerts

No rating or validation information has been found for B6;129X1-Amelx^{tm1Msnd}/Mmucd.

No alerts have been found for B6;129X1-Amelx^{tm1Msnd}/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.