Resource Summary Report

Generated by NIF on Sep 21, 2026

B6J.Cg-*Dspp*^{tm1Kul}/JcchMmnc

RRID:MMRRC_067178-UNC
Type: Organism

Proper Citation

RRID:MMRRC_067178-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=67178

Proper Citation: RRID:MMRRC_067178-UNC

Description: Mus musculus with name B6J.Cg-*Dspp*^{tm1Kul}/JcchMmnc from MMRRC.

Species: Mus musculus

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

Phenotype: brittle teeth [MP:0000126]| abnormal tooth morphology [MP:0002100]| abnormal dentin morphology [MP:0002818]| abnormal dental pulp cavity morphology [MP:0002819]| abnormal periodontal ligament morphology [MP:0003668]| abnormal cementum morphology [MP:0003933]| abnormal alveolar process morphology [MP:0004189]| abnormal periodontium morphology [MP:0030131]| periodontium inflammation [MP:0030132]| abnormal dentin mineralization [MP:0030451]| alveolar process atrophy [MP:0030466]| abnormal osteocyte lacuna morphology [MP:0030484]| abnormal osteocyte canaliculus morphology [MP:0030486]| periodontal pocket [MP:0030490]| abnormal junctional epithelium morphology [MP:0030516]| detached junctional epithelium [MP:0030517]| abnormal predentin morphology [MP:0030543]

Affected Gene: Dspp

Catalog Number: 067178-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_67178-UNC, MMRRC_067178, MMRRC_67178

Organism Name: B6J.Cg-*Dspp*^{tm1Kul}/JcchMmnc

Record Creation Time: 20230308T055512+0000

Record Last Update: 20260919T134808+0000

Ratings and Alerts

No rating or validation information has been found for B6J.Cg-*Dspp*^{tm1Kul}/JcchMmnc.

No alerts have been found for B6J.Cg-*Dspp*^{tm1Kul}/JcchMmnc.

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 NIF .

Liang T, et al. (2025) DSP and DPP are dispensable for initiation of dentin and enamel mineralization but critical for circumpulpal dentin mineralization. Scientific reports, 15(1), 24913.