

# Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

## B6J.Cg-Dspp<sup>tm1Kul</sup>/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](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=67178)

**Proper Citation:** RRID:MMRRC\_067178-UNC

**Description:** Mus musculus with name B6J.Cg-Dspp<sup>tm1Kul</sup>/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 preentin 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*<sup>tm1Kul</sup>/JcchMmnc

**Record Creation Time:** 20230308T055512+0000

**Record Last Update:** 20260725T164818+0000

---

## Ratings and Alerts

No rating or validation information has been found for B6J.Cg-*Dspp*<sup>tm1Kul</sup>/JcchMmnc.

No alerts have been found for B6J.Cg-*Dspp*<sup>tm1Kul</sup>/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 [RRID](#) .

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.