

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 2, 2026

## C57BL/6-Tg(Dmp1-Topaz)1Ikal/J

RRID:IMSR\_JAX:017467

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:017467

### Organism Information

**URL:** <https://www.jax.org/strain/017467>

**Proper Citation:** RRID:IMSR\_JAX:017467

**Description:** Mus musculus with name C57BL/6-Tg(Dmp1-Topaz)1Ikal/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: transgene insertion 1; I Kalajzic|dentin matrix protein 1|; coisogenic strain|mutant strain: Tg(Dmp1-Topaz)1Ikal|Dmp1|

**Affected Gene:** transgene insertion 1; I Kalajzic|dentin matrix protein 1|

**Genomic Alteration:** transgene insertion 1; I Kalajzic

**Catalog Number:** JAX:017467

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** C57BL/6-Tg(Dmp1-Topaz)1Ikal/J

**Record Creation Time:** 20250513T053732+0000

**Record Last Update:** 20260801T050438+0000

### Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(Dmp1-Topaz)1Ikal/J.

No alerts have been found for C57BL/6-Tg(Dmp1-Topaz)1Ikal/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Marahleh A, et al. (2019) TNF- $\alpha$  Directly Enhances Osteocyte RANKL Expression and Promotes Osteoclast Formation. *Frontiers in immunology*, 10, 2925.

Ohori F, et al. (2019) Effect of TNF- $\alpha$ -Induced Sclerostin on Osteocytes during Orthodontic Tooth Movement. *Journal of immunology research*, 2019, 9716758.