

Resource Summary Report

Generated by [NIF](#) on Sep 5, 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: 20260905T044515+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.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

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

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