

Resource Summary Report

Generated by [kravitz2](#) on Sep 18, 2026

B6;129S-Ptgs2^{tm1Jed}/J

RRID:IMSR_JAX:002476

Type: Organism

Proper Citation

RRID:IMSR_JAX:002476

Organism Information

URL: <https://www.jax.org/strain/002476>

Proper Citation: RRID:IMSR_JAX:002476

Description: Mus musculus with name B6;129S-Ptgs2^{tm1Jed}/J from IMSR.

Species: Mus musculus

Synonyms: B6;129S7-Ptgs2/J

Notes: gene symbol note: prostaglandin-endoperoxide synthase 2; mutant stock: Ptgs2

Affected Gene: prostaglandin-endoperoxide synthase 2

Genomic Alteration: targeted mutation 1; Joe E Dinchuk

Catalog Number: JAX:002476

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S-Ptgs2^{tm1Jed}/J

Record Creation Time: 20250513T053632+0000

Record Last Update: 20260912T060417+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S-Ptgs2^{tm1Jed}/J.

No alerts have been found for B6;129S-Ptgs2^{tm1Jed}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Gong Z, et al. (2022) Lung fibroblasts facilitate pre-metastatic niche formation by remodeling the local immune microenvironment. *Immunity*, 55(8), 1483.

Caron MMJ, et al. (2021) Impairment of Cyclo-oxygenase-2 Function Results in Abnormal Growth Plate Development and Bone Microarchitecture but Does Not Affect Longitudinal Growth of the Long Bones in Skeletally Immature Mice. *Cartilage*, 12(3), 387.

Burks SR, et al. (2017) Anti-inflammatory drugs suppress ultrasound-mediated mesenchymal stromal cell tropism to kidneys. *Scientific reports*, 7(1), 8607.