

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

B6.129S4-Timp1^{tm1Pds}/J

RRID:IMSR_JAX:006243

Type: Organism

Proper Citation

RRID:IMSR_JAX:006243

Organism Information

URL: <https://www.jax.org/strain/006243>

Proper Citation: RRID:IMSR_JAX:006243

Description: Mus musculus with name B6.129S4-Timp1^{tm1Pds}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: tissue inhibitor of metalloproteinase 1; mutant strain|congenic strain: Timp1

Affected Gene: tissue inhibitor of metalloproteinase 1

Genomic Alteration: targeted mutation 1; Paul D Soloway

Catalog Number: JAX:006243

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S4-Timp1^{tm1Pds}/J

Record Creation Time: 20250513T053655+0000

Record Last Update: 20260912T060441+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Timp1^{tm1Pds}/J.

No alerts have been found for B6.129S4-Timp1^{tm1Pds}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Guccini I, et al. (2021) Senescence Reprogramming by TIMP1 Deficiency Promotes Prostate Cancer Metastasis. *Cancer cell*, 39(1), 68.

Chen Y, et al. (2021) Aging Reprograms the Hematopoietic-Vascular Niche to Impede Regeneration and Promote Fibrosis. *Cell metabolism*, 33(2), 395.

Aevermann BD, et al. (2014) A comprehensive collection of systems biology data characterizing the host response to viral infection. *Scientific data*, 1, 140033.

Clark RT, et al. (2011) T-cell production of matrix metalloproteinases and inhibition of parasite clearance by TIMP-1 during chronic *Toxoplasma* infection in the brain. *ASN neuro*, 3(1), e00049.