

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

STOCK Ptpmt1^{tm1.1Jedi}/J

RRID:IMSR_JAX:020775

Type: Organism

Proper Citation

RRID:IMSR_JAX:020775

Organism Information

URL: <https://www.jax.org/strain/020775>

Proper Citation: RRID:IMSR_JAX:020775

Description: Mus musculus with name STOCK Ptpmt1^{tm1.1Jedi}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: protein tyrosine phosphatase; mitochondrial 1; mutant stock: Ptpmt1

Affected Gene: protein tyrosine phosphatase; mitochondrial 1

Genomic Alteration: targeted mutation 1.1; Jack E Dixon

Catalog Number: JAX:020775

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Ptpmt1^{tm1.1Jedi}/J

Record Creation Time: 20250513T053741+0000

Record Last Update: 20260912T060527+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Ptpmt1^{tm1.1Jedi}/J.

No alerts have been found for STOCK Ptpmt1^{tm1.1Jedi}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Corrado M, et al. (2020) Dynamic Cardiolipin Synthesis Is Required for CD8+ T Cell Immunity. Cell metabolism, 32(6), 981.