

Resource Summary Report

Generated by [dkNET](#) on Aug 2, 2026

C57BL/6-Ppp3r1^{tm1Stl}/J

RRID:IMSR_JAX:006581

Type: Organism

Proper Citation

RRID:IMSR_JAX:006581

Organism Information

URL: <https://www.jax.org/strain/006581>

Proper Citation: RRID:IMSR_JAX:006581

Description: Mus musculus with name C57BL/6-Ppp3r1^{tm1Stl}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: protein phosphatase 3; regulatory subunit B; alpha isoform (calcineurin B; type I); coisogenic strain|mutant strain: Ppp3r1

Affected Gene: protein phosphatase 3; regulatory subunit B; alpha isoform (calcineurin B; type I)

Genomic Alteration: targeted mutation 1; Susumu Tonegawa

Catalog Number: JAX:006581

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Ppp3r1^{tm1Stl}/J

Record Creation Time: 20250513T053657+0000

Record Last Update: 20260801T050400+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Ppp3r1^{tm1Stl}/J.

No alerts have been found for C57BL/6-Ppp3r1^{tm1Stl}/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 [dkNET](#) .

Hendrikx S, et al. (2019) Endothelial Calcineurin Signaling Restrains Metastatic Outgrowth by Regulating Bmp2. Cell reports, 26(5), 1227.

Mencarelli A, et al. (2018) Calcineurin-mediated IL-2 production by CD11chighMHCII+ myeloid cells is crucial for intestinal immune homeostasis. Nature communications, 9(1), 1102.

Mencarelli A, et al. (2018) Calcineurin B in CD4+ T Cells Prevents Autoimmune Colitis by Negatively Regulating the JAK/STAT Pathway. Frontiers in immunology, 9, 261.