Resource Summary Report

Generated by kravitz2 on Jul 31, 2026

NOD.B6-Ptprc^{b}/6908MrkTacJ

RRID:IMSR_JAX:014149
Type: Organism

Proper Citation

RRID:IMSR_JAX:014149

Organism Information

URL: https://www.jax.org/strain/014149

Proper Citation: RRID:IMSR_JAX:014149

Description: Mus musculus with name NOD.B6-Ptprc^{b}/6908MrkTacJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: protein tyrosine phosphatase receptor type C; congenic strain: Ptprc

Affected Gene: protein tyrosine phosphatase receptor type C

Genomic Alteration: b variant

Catalog Number: JAX:014149

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: NOD.B6-Ptprc^{b}/6908MrkTacJ

Record Creation Time: 20250513T053727+0000

Record Last Update: 20260725T044436+0000

Ratings and Alerts

No rating or validation information has been found for NOD.B6-Ptprc^{b}/6908MrkTacJ.

No alerts have been found for NOD.B6-Ptprc^{b}/6908MrkTacJ.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Ciecko AE, et al. (2025) An interleukin-27-centered cytokine circuit regulates macrophage and T cell interactions in autoimmune diabetes. iScience, 28(10), 113537.

Firdessa-Fite R, et al. (2023) Soluble antigen arrays improve the efficacy and safety of peptide-based tolerogenic immunotherapy. bioRxiv : the preprint server for biology.

Firdessa-Fite R, et al. (2021) Soluble Antigen Arrays Efficiently Deliver Peptides and Arrest Spontaneous Autoimmune Diabetes. Diabetes, 70(6), 1334.

Ciecko AE, et al. (2019) Interleukin-27 Is Essential for Type 1 Diabetes Development and Sj??gren Syndrome-like Inflammation. Cell reports, 29(10), 3073.

Carroll KR, et al. (2018) Extending Remission and Reversing New-Onset Type 1 Diabetes by Targeted Ablation of Autoreactive T Cells. Diabetes, 67(11), 2319.

Carrero JA, et al. (2017) Resident macrophages of pancreatic islets have a seminal role in the initiation of autoimmune diabetes of NOD mice. Proceedings of the National Academy of Sciences of the United States of America, 114(48), E10418.