

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

B6.Cg-Ptprc^a Mir223/J

RRID:IMSR_JAX:013198

Type: Organism

Proper Citation

RRID:IMSR_JAX:013198

Organism Information

URL: <https://www.jax.org/strain/013198>

Proper Citation: RRID:IMSR_JAX:013198

Description: Mus musculus with name B6.Cg-Ptprc^a Mir223/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Ptprc [Mir223/J](#)

Notes: gene symbol note: protein tyrosine phosphatase receptor type C|microRNA 223; mutant strain|congenic strain: Ptprc|Mir223

Affected Gene: protein tyrosine phosphatase receptor type C|microRNA 223

Genomic Alteration: a variant|targeted mutation 1; Fernando D Camargo

Catalog Number: JAX:013198

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Ptprc^a Mir223/J

Record Creation Time: 20250513T053724+0000

Record Last Update: 20260808T050929+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Ptprc^a Mir223/J.

No alerts have been found for B6.Cg-Ptprc^a Mir223/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 [NIF](#) .

Wu Y, et al. (2023) MicroRNA-223 limits murine hemogenic endothelial cell specification and myelopoiesis. *Developmental cell*, 58(14), 1237.

Fernando N, et al. (2020) MicroRNA-223 Regulates Retinal Function and Inflammation in the Healthy and Degenerating Retina. *Frontiers in cell and developmental biology*, 8, 516.

Fabris L, et al. (2016) Radiotherapy-induced miR-223 prevents relapse of breast cancer by targeting the EGF pathway. *Oncogene*, 35(37), 4914.