

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

B6.129P2-Piezo1^{Gt(RST343)}Byg/ApatJ

RRID:IMSR_JAX:026948

Type: Organism

Proper Citation

RRID:IMSR_JAX:026948

Organism Information

URL: <https://www.jax.org/strain/026948>

Proper Citation: RRID:IMSR_JAX:026948

Description: Mus musculus with name B6.129P2-Piezo1^{Gt(RST343)}Byg/ApatJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: beta-galactosidase|piezo-type mechanosensitive ion channel component 1|alkaline phosphatase; placental; mutant strain|congenic strain: lacZ|Piezo1|ALPP

Affected Gene: beta-galactosidase|piezo-type mechanosensitive ion channel component 1|alkaline phosphatase; placental

Genomic Alteration: gene trap RST343; BayGenomics

Catalog Number: JAX:026948

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2-Piezo1^{Gt(RST343)}Byg/ApatJ

Record Creation Time: 20250513T053759+0000

Record Last Update: 20260815T050710+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Piezo1^{Gt(RST343)Byg}/ApatJ.

No alerts have been found for B6.129P2-Piezo1^{Gt(RST343)Byg}/ApatJ.

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](#) .

Holt JR, et al. (2021) Spatiotemporal dynamics of PIEZO1 localization controls keratinocyte migration during wound healing. eLife, 10.