

Resource Summary Report

Generated by ASWG on Aug 9, 2026

BALB/cJ-Enpp1^{asj-2J}/GrsrJ

RRID:IMSR_JAX:019107

Type: Organism

Proper Citation

RRID:IMSR_JAX:019107

Organism Information

URL: <https://www.jax.org/strain/019107>

Proper Citation: RRID:IMSR_JAX:019107

Description: Mus musculus with name BALB/cJ-Enpp1^{asj-2J}/GrsrJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: ectonucleotide pyrophosphatase/phosphodiesterase 1; coisogenic strain|mutant strain: Enpp1

Affected Gene: ectonucleotide pyrophosphatase/phosphodiesterase 1

Genomic Alteration: ages with stiffened joints 2 Jackson

Catalog Number: JAX:019107

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: BALB/cJ-Enpp1^{asj-2J}/GrsrJ

Record Creation Time: 20250513T053740+0000

Record Last Update: 20260808T050945+0000

Ratings and Alerts

No rating or validation information has been found for BALB/cJ-Enpp1^{asj-2J}/GrsrJ.

No alerts have been found for BALB/cJ-Enpp1^{asj-2J}/GrsrJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Wang S, et al. (2025) ENPP1 inhibitor with ultralong drug-target residence time as an innate immune checkpoint blockade cancer therapy. Cell reports. Medicine, 6(9), 102336.

Wang S, et al. (2023) ENPP1 is an innate immune checkpoint of the anticancer cGAMP-STING pathway. bioRxiv : the preprint server for biology.

Khan T, et al. (2018) ENPP1 enzyme replacement therapy improves blood pressure and cardiovascular function in a mouse model of generalized arterial calcification of infancy. Disease models & mechanisms, 11(10).

Siu SY, et al. (2016) Variable patterns of ectopic mineralization in Enpp1asj-2J mice, a model for generalized arterial calcification of infancy. Oncotarget, 7(51), 83837.