

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

BTBR-Pah^{enu2}/J

RRID:IMSR_JAX:002232

Type: Organism

Proper Citation

RRID:IMSR_JAX:002232

Organism Information

URL: <https://www.jax.org/strain/002232>

Proper Citation: RRID:IMSR_JAX:002232

Description: Mus musculus with name BTBR-Pah^{enu2}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: phenylalanine hydroxylase; mutant strain: Pah

Affected Gene: phenylalanine hydroxylase

Genomic Alteration: phenylalanine hydroxylase enu 2

Catalog Number: JAX:002232

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: BTBR-Pah^{enu2}/J

Record Creation Time: 20250513T053630+0000

Record Last Update: 20260912T060415+0000

Ratings and Alerts

No rating or validation information has been found for BTBR-Pah^{enu2}/J.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human phenylketonuria.

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](#) .

Cacicedo ML, et al. (2022) Phenylalanine hydroxylase mRNA rescues the phenylketonuria phenotype in mice. *Frontiers in bioengineering and biotechnology*, 10, 993298.

Perez-Garcia CG, et al. (2022) Development of an mRNA replacement therapy for phenylketonuria. *Molecular therapy. Nucleic acids*, 28, 87.

Bruinenberg VM, et al. (2016) The Behavioral Consequence of Phenylketonuria in Mice Depends on the Genetic Background. *Frontiers in behavioral neuroscience*, 10, 233.