# Resource Summary Report

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## PBAT

RRID:SCR_009105
Type: Tool

### Proper Citation

PBAT (RRID:SCR_009105)

### Resource Information

**URL:** http://www.biostat.harvard.edu/~clange/default.htm

**Proper Citation:** PBAT (RRID:SCR_009105)

**Description:** An interactive software package that provides tools for the design and the data analysis of family-based association studies. (entry from Genetic Analysis Software)

**Abbreviations:** PBAT

**Synonyms:** Power calculation of family-Based Association Tests FBAT

**Resource Type:** software resource, software application

**Keywords:** gene, genetic, genomic

**Funding:**

**Resource Name:** PBAT

**Resource ID:** SCR_009105

**Alternate IDs:** nlx_154203

**Record Creation Time:** 20220129T080251+0000

**Record Last Update:** 20250416T063536+0000

### Ratings and Alerts

No rating or validation information has been found for PBAT.

No alerts have been found for PBAT.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 65 mentions in open access literature.

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


Hickman AB, et al. (2025) Activity of the mammalian DNA transposon piggyBat from Myotis lucifugus is restricted by its own transposon ends. Nature communications, 16(1), 458.

Wang Y, et al. (2025) Optimization and action mechanism of pollutant removal performance of unsaturated vertical flow constructed wetland (UVFCW) driven by substained-release carbon source. PeerJ, 13, e18819.

Shen S, et al. (2024) The gonadal niche safeguards human fetal germline cell development following maternal SARS-CoV-2 infection. Cell reports. Medicine, 5(5), 101515.

Zhu J, et al. (2024) Modified Biomass-Reinforced Polylactic Acid Composites. Materials (Basel, Switzerland), 17(2).

Lee JH, et al. (2024) Hypersensitive meta-crack strain sensor for real-time biomedical monitoring. Science advances, 10(51), eads9258.

Nam K, et al. (2024) Enhanced Mechanical Properties of Polylactic Acid/Poly(Butylene Adipate-co-Terephthalate) Modified with Maleic Anhydride. Polymers, 16(4).

Anvar Z, et al. (2024) Maternal loss-of-function of Nlrp2 results in failure of epigenetic reprogramming in mouse oocytes. Research square.

Zhou X, et al. (2024) Characterization and engineering of plastic-degrading polyesterases jmPE13 and jmPE14 from Pseudomonas bacterium. Frontiers in bioengineering and biotechnology, 12, 1349010.

Schneider Y, et al. (2023) Investigation of Auxetic Structural Deformation Behavior of PBAT Polymers Using Process and Finite Element Simulation. Polymers, 15(14).

Venkatesan R, et al. (2023) Preparation and Performance of Biodegradable Poly(butylene adipate-co-terephthalate) Composites Reinforced with Novel AgSnO2 Microparticles for Application in Food Packaging. Polymers, 15(3).

Schneider Y, et al. (2023) Deformation Behavior Investigation of Auxetic Structure Made of Poly(butylene adipate-co-terephthalate) Biopolymers Using Finite Element Method. Polymers, 15(7).

Andrews S, et al. (2023) Mechanisms and function of de novo DNA methylation in placental development reveals an essential role for DNMT3B. Nature communications, 14(1), 371.

Hufert J, et al. (2023) Deformation Behavior of 3D Printed Auxetic Structures of Thermoplastic Polymers: PLA, PBAT, and Blends. Polymers, 15(2).

Yuan S, et al. (2023) Human zygotic genome activation is initiated from paternal genome. Cell discovery, 9(1), 13.

Frank C, et al. (2023) Bio-Polyester/Rubber Compounds: Fabrication, Characterization, and Biodegradation. Polymers, 15(12).

Pregi E, et al. (2023) Interactions, Structure and Properties of PLA/lignin/PBAT Hybrid Blends. Polymers, 15(15).

Han Y, et al. (2022) Comparison of EM-seq and PBAT methylome library methods for low-input DNA. Epigenetics, 17(10), 1195.

Hunt KV, et al. (2022) scTEM-seq: Single-cell analysis of transposable element methylation to link global epigenetic heterogeneity with transcriptional programs. Scientific reports, 12(1), 5776.

Xu Q, et al. (2022) Loss of TET reprograms Wnt signaling through impaired demethylation to promote lung cancer development. Proceedings of the National Academy of Sciences of the United States of America, 119(6).

Cheng S, et al. (2022) The intrinsic and extrinsic effects of TET proteins during gastrulation. Cell, 185(17), 3169.