

# 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 application, software resource

**Keywords:** gene, genetic, genomic

**Resource Name:** PBAT

**Resource ID:** SCR\_009105

**Alternate IDs:** nlx\_154203

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

**Record Last Update:** 20260904T000439+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

## Usage and Citation Metrics

We found 77 mentions in open access literature.

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

Miller SJ, et al. (2026) Intracellular protein GBF1 displays significant associations with amyloid pathology in Alzheimer's disease. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 22(4), e71271.

Wen Q, et al. (2026) Innovative Interfacial Compatibilization and Blowing Strategies for Advancing PLA/PBAT Blown Films: Enhancing Film Blowing Stability, Mechanical Properties, and Barrier Properties. *ACS omega*, 11(24), 35856.

Anvar Z, et al. (2025) Maternal loss of mouse Nlrp2 alters the transcriptome and DNA methylome in GV oocytes and impairs zygotic genome activation in embryos. *Clinical epigenetics*, 17(1), 92.

Stojanovski G, et al. (2025) Functional Enrichment and Sequence-Based Discovery Identify Promiscuous and Efficient Poly Lactic Acid Degrading Enzymes. *Environmental science & technology*, 59(17), 8602.

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.

Sun Y, et al. (2025) Temperature Controls the Lifetimes and Microbial Communities Degrading Cellulose Diacetate in the Coastal Ocean. *Environmental science & technology*, 59(36), 19468.

Lai L, et al. (2025) Efficacy of a process-based, Mobile-delivered personalized CBT for anxiety disorders: Study protocol for a randomized controlled trial. *Internet interventions*, 39, 100805.

Siracusa C, et al. (2025) Carnivorous plants can decompose the polyesters poly(ethylene terephthalate) and poly(butylene adipate terephthalate). *Scientific reports*, 15(1), 29059.

Hua Z, et al. (2025) Quantitative analysis of PBAT microplastics and their degradation products in soil by mass spectrometry. *Eco-Environment & Health*, 4(3), 100166.

Cerri M, et al. (2025) An Analytical Workflow to Quantify Biodegradable Polyesters in Soils and Its Application to Incubation Experiments. *Environmental science & technology*, 59(16), 8108.

Zhang J, et al. (2025) Super RNA Pol II domains enhance minor ZGA through 3D interaction to ensure the integrity of major transcriptional waves in late-ZGA mammals. *Cell genomics*, 5(6), 100856.

Josselin M, et al. (2025) Sustainable 4D Printed Meta Biocomposite Materials for Programmable Structural Shape Changing. *Advanced materials* (Deerfield Beach, Fla.), 37(16), e2418656.

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.

Jelcic I, et al. (2025) T-bet<sup>+</sup> CXCR3<sup>+</sup> B cells drive hyperreactive B-T cell interactions in multiple sclerosis. *Cell reports. Medicine*, 6(3), 102027.

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.

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

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

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.