

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: 20260805T044217+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 75 mentions in open access literature.

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

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.

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.

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.

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.

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.

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

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

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.

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

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).

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.