

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 17, 2026

## ESTHER

RRID:SCR\_002621

Type: Tool

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### Proper Citation

ESTHER (RRID:SCR\_002621)

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### Resource Information

**URL:** <http://bioweb.ensam.inra.fr/esther>

**Proper Citation:** ESTHER (RRID:SCR\_002621)

**Description:** Database and tools for analysis of protein and nucleic acid sequences belonging to superfamily of alpha/beta hydrolases homologous to cholinesterases. Covers multiple species, including human, mouse caenorhabditis and drosophila., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

**Abbreviations:** ESTHER

**Synonyms:** ESTerases and alpha/beta-Hydrolase Enzymes and Relatives, ESTHER Database, ESTerases and alpha / beta-hydrolase Enzymes and Relatives

**Resource Type:** data or information resource, database

**Defining Citation:** [PMID:23193256](#)

**Keywords:** alpha hydrolase, beta hydrolase, cholinesterase, protein, protein superfamily, blast, gene, protein binding, protein-protein interaction, nucleotide, nucleotide sequence, enzyme, genetics, genome, genomics, mutation, disease, gene expression, peptide, chromosome

**Availability:** Free, Available for download, Freely available

**Resource Name:** ESTHER

**Resource ID:** SCR\_002621

**Alternate IDs:** nif-0000-30526, SCR\_008479, nif-0000-02817, r3d100010542

**Alternate URLs:** <https://doi.org/10.17616/R33K77>

**Record Creation Time:** 20220129T080214+0000

## Ratings and Alerts

No rating or validation information has been found for ESTHER.

No alerts have been found for ESTHER.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 134 mentions in open access literature.

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

Torgutalp M, et al. (2025) Association between resolution of MRI-detected inflammation and improved clinical outcomes in axial spondyloarthritis under long-term anti-TNF therapy. RMD open, 11(1).

McReynolds E, et al. (2025) An ecological-evolutionary perspective on the genomic diversity and habitat preferences of the Acidobacteriota. Microbial genomics, 11(1).

Xie R, et al. (2025) Novel type 2 diabetes prediction score based on traditional risk factors and circulating metabolites: model derivation and validation in two large cohort studies. EClinicalMedicine, 79, 102971.

Zhao Z, et al. (2025) Smoking-independent DNA methylation markers for lung cancer risk: External validation in a large population-based cohort study. Cancer science, 116(3), 775.

Xie R, et al. (2025) Improving 10-year cardiovascular risk prediction in patients with type 2 diabetes with metabolomics. Cardiovascular diabetology, 24(1), 18.

Seum T, et al. (2025) Exploring metabolomics for colorectal cancer risk prediction: evidence from the UK Biobank and ESTHER cohorts. BMC medicine, 23(1), 283.

Stocker H, et al. (2025) Association of Nonmodifiable Risk Factors With Alzheimer Disease Blood Biomarkers in Community-Dwelling Adults in the ESTHER Study. Neurology, 104(9), e213500.

Medici F, et al. (2025) Integrating Novel and Classical Prognostic Factors in Locally Advanced Cervical Cancer: A Machine Learning-Based Predictive Model (ESTHER Study). Journal of personalized medicine, 15(4).

Wasmund K, et al. (2024) The predicted secreted proteome of activated sludge microorganisms indicates distinct nutrient niches. mSystems, 9(10), e0030124.

Mulvale G, et al. (2024) Adopting, implementing and assimilating coproduced health and social care innovations involving structurally vulnerable populations: findings from a longitudinal, multiple case study design in Canada, Scotland and Sweden. *Health research policy and systems*, 22(1), 42.

Stevenson-Hoare J, et al. (2024) Subjective hearing and memory problems are associated with dementia and cognition in later life. *Alzheimer's & dementia (Amsterdam, Netherlands)*, 16(3), e12624.

Herzog C, et al. (2024) Cigarette Smoking and E-cigarette Use Induce Shared DNA Methylation Changes Linked to Carcinogenesis. *Cancer research*, 84(11), 1898.

Schöttker B, et al. (2024) Strong associations of serum selenoprotein P with all-cause mortality and mortality due to cancer, cardiovascular, respiratory and gastrointestinal diseases in older German adults. *European journal of epidemiology*, 39(2), 121.

Santamarina-García G, et al. (2024) Shotgun metagenomic sequencing reveals the influence of artisanal dairy environments on the microbiomes, quality, and safety of Idiazabal, a raw ewe milk PDO cheese. *Microbiome*, 12(1), 262.

Liu N, et al. (2024) Intracellular removal of acetyl, feruloyl and p-coumaroyl decorations on arabinoxylo-oligosaccharides imported from lignocellulosic biomass degradation by *Ruminiclostridium cellulolyticum*. *Microbial cell factories*, 23(1), 151.

Omura T, et al. (2024) Microbial decomposition of biodegradable plastics on the deep-sea floor. *Nature communications*, 15(1), 568.

Azzolino D, et al. (2024) Poor Nutritional Status Is Associated with Death in a Population of Dialyzed Older Persons. *The Journal of frailty & aging*, 13(2), 172.

Raut JR, et al. (2024) Cancer-specific risk prediction with a serum microRNA signature. *Cancer science*, 115(6), 2049.

McReynolds E, et al. (2024) An ecological-evolutionary perspective on the genomic diversity and habitat preferences of the Acidobacteriota. *bioRxiv : the preprint server for biology*.

Ünal P, et al. (2024) Polymorphisms in transcription factor binding sites and enhancer regions and pancreatic ductal adenocarcinoma risk. *Human genomics*, 18(1), 12.