

Resource Summary Report

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Enzyme Nomenclature

RRID:SCR_006583

Type: Tool

Proper Citation

Enzyme Nomenclature (RRID:SCR_006583)

Resource Information

URL: <http://www.chem.qmul.ac.uk/iubmb/enzyme/>

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Description: Recommendations of the Nomenclature Committee of the International Union of Biochemistry and Molecular Biology on the nomenclature and classification of enzymes by the reactions they catalyze. Also included are links to individual documents and advice is provided on how to suggest new enzymes for listing, or correction of existing entries. The common names of all listed enzymes are listed, along with their EC numbers. Where an enzyme has been deleted or transferred to another EC number, this information is also indicated. Each list is linked to either separate entries for each entry or to files with up to 50 enzymes in each file. A start has been made in showing the pathways in which enzymes participate. For other enzymes a glossary entry has been added which may be just a systematic name or a link to a graphic representation. The glossary from Enzyme Nomenclature, 1992 may also be consulted. This has been updated with subsequent glossary entries. Each enzyme entry has links to other databases. Enzyme Subclasses provide links to a list of sub-subclasses which in turn list the enzymes linked to separate files for each enzyme, or to a list as part of a file with up to 50 enzymes per file.

Abbreviations: Enzyme Nomenclature

Resource Type: data or information resource, international standard specification, narrative resource, data set, storage service resource, data repository, database, standard specification, service resource

Keywords: enzyme category, enzyme classification, enzyme nomenclature, enzyme reaction category, enzyme, classification, nomenclature, pathway, gold standard, FASEB list

Resource Name: Enzyme Nomenclature

Resource ID: SCR_006583

Alternate IDs: nif-0000-02804

Record Creation Time: 20220129T080237+0000

Record Last Update: 20260819T044200+0000

Ratings and Alerts

No rating or validation information has been found for Enzyme Nomenclature.

No alerts have been found for Enzyme Nomenclature.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 54 mentions in open access literature.

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

Li Y, et al. (2026) Flavin-dependent monooxygenases as versatile biocatalysts in biomanufacturing: mechanisms, engineering, and applications. *Biotechnology for biofuels and bioproducts*, 19(1).

Tarracchini C, et al. (2025) Approaches to dissect the vitamin biosynthetic network of the gut microbiota. *Microbiome research reports*, 4(4), 37.

Wittig U, et al. (2018) SABIO-RK: an updated resource for manually curated biochemical reaction kinetics. *Nucleic acids research*, 46(D1), D656.

Bolger ME, et al. (2018) Plant genome and transcriptome annotations: from misconceptions to simple solutions. *Briefings in bioinformatics*, 19(3), 437.

Foerster H, et al. (2018) SolCyc: a database hub at the Sol Genomics Network (SGN) for the manual curation of metabolic networks in Solanum and Nicotiana specific databases. *Database : the journal of biological databases and curation*, 2018.

, et al. (2017) Guidance on the identity, characterisation and conditions of use of feed additives. *EFSA journal. European Food Safety Authority*, 15(10), e05023.

Carels N, et al. (2017) A Metagenomic Analysis of Bacterial Microbiota in the Digestive Tract of Triatomines. *Bioinformatics and biology insights*, 11, 1177932217733422.

Piergiorgio RM, et al. (2017) Functional Analogy in Human Metabolism: Enzymes with Different Biological Roles or Functional Redundancy? *Genome biology and evolution*, 9(6), 1624.

- Bernardini A, et al. (2017) Genome-wide analysis shows that RNase G plays a global role in the stability of mRNAs in *Stenotrophomonas maltophilia*. *Scientific reports*, 7(1), 16016.
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- Kennedy H, et al. (2016) Sudden Cardiac Death Due to Deficiency of the Mitochondrial Inorganic Pyrophosphatase PPA2. *American journal of human genetics*, 99(3), 674.
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- Arreola R, et al. (2016) Immunomodulatory Effects Mediated by Dopamine. *Journal of immunology research*, 2016, 3160486.
- Arreola R, et al. (2015) Immunomodulatory effects mediated by serotonin. *Journal of immunology research*, 2015, 354957.
- Nagano N, et al. (2015) EzCatDB: the enzyme reaction database, 2015 update. *Nucleic acids research*, 43(Database issue), D453.
- Korku? P, et al. (2015) Physicochemical characteristics of structurally determined metabolite-protein and drug-protein binding events with respect to binding specificity. *Frontiers in molecular biosciences*, 2, 51.
- Palmer NA, et al. (2014) Contrasting metabolism in perenniating structures of upland and lowland switchgrass plants late in the growing season. *PloS one*, 9(8), e105138.
- Díez-Municio M, et al. (2014) Synthesis of novel bioactive lactose-derived oligosaccharides by microbial glycoside hydrolases. *Microbial biotechnology*, 7(4), 315.
- Lemmnitzer K, et al. (2014) Improvement of the digestibility of sulfated hyaluronans by bovine testicular hyaluronidase: a UV spectroscopic and mass spectrometric study. *BioMed research international*, 2014, 986594.