

# Resource Summary Report

Generated by RRID on Aug 2, 2026

## CAT

RRID:SCR\_008421

Type: Tool

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### Proper Citation

CAT (RRID:SCR\_008421)

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### Resource Information

**URL:** <http://mothra.ornl.gov/cgi-bin/cat/cat.cgi>

**Proper Citation:** CAT (RRID:SCR\_008421)

**Description:** A repository of tools for analysis and annotation of CAZYmes (Carbohydrate Active enZymes)., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

**Abbreviations:** CAT

**Resource Type:** software resource

**Keywords:** bio.tools

**Availability:** THIS RESOURCE IS NO LONGER IN SERVICE

**Resource Name:** CAT

**Resource ID:** SCR\_008421

**Alternate IDs:** OMICS\_01676, biotools:CAAt

**Alternate URLs:** <https://bio.tools/CAT>

**Record Creation Time:** 20220129T080247+0000

**Record Last Update:** 20260801T190353+0000

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### Ratings and Alerts

No rating or validation information has been found for CAT.

No alerts have been found for CAT.

## Data and Source Information

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

## Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Huang X, et al. (2019) Life-stage specific transcriptomes of a migratory endoparasitic plant nematode, *Radopholus similis* elucidate a different parasitic and life strategy of plant parasitic nematodes. *Scientific reports*, 9(1), 6277.

Sabbadin F, et al. (2018) An ancient family of lytic polysaccharide monooxygenases with roles in arthropod development and biomass digestion. *Nature communications*, 9(1), 756.

Higuchi Y, et al. (2018) Identification and characterization of a novel  $\beta$ -D-galactosidase that releases pyruvylated galactose. *Scientific reports*, 8(1), 12013.

Huang Y, et al. (2018) Characterization of novel endo- $\beta$ -N-acetylglucosaminidases from *Sphingobacterium* species, *Beauveria bassiana* and *Cordyceps militaris* that specifically hydrolyze fucose-containing oligosaccharides and human IgG. *Scientific reports*, 8(1), 246.

Sabbadin F, et al. (2018) Uncovering the molecular mechanisms of lignocellulose digestion in shipworms. *Biotechnology for biofuels*, 11, 59.

Tang K, et al. (2017) Characterization of Potential Polysaccharide Utilization Systems in the Marine Bacteroidetes *Gramella Flava* JLT2011 Using a Multi-Omics Approach. *Frontiers in microbiology*, 8, 220.

Yin YR, et al. (2017) The Hybrid Strategy of *Thermoactinospira rubra* YIM 77501T for Utilizing Cellulose as a Carbon Source at Different Temperatures. *Frontiers in microbiology*, 8, 942.

Ufarté L, et al. (2015) Discovery of new protein families and functions: new challenges in functional metagenomics for biotechnologies and microbial ecology. *Frontiers in microbiology*, 6, 563.

Dou TY, et al. (2015) Functional and structural properties of a novel cellulosome-like multienzyme complex: efficient glycoside hydrolysis of water-insoluble 7-xylosyl-10-deacetylpaclitaxel. *Scientific reports*, 5, 13768.

Sapountzis P, et al. (2015) The *Enterobacterium* *Trabulsiella odontotermitis* Presents Novel Adaptations Related to Its Association with Fungus-Growing Termites. *Applied and environmental microbiology*, 81(19), 6577.

Blackman LM, et al. (2015) RNA-Seq Analysis of the Expression of Genes Encoding Cell Wall Degrading Enzymes during Infection of Lupin (*Lupinus angustifolius*) by *Phytophthora parasitica*. *PLoS one*, 10(9), e0136899.

Nathani NM, et al. (2015) Effect of roughage on rumen microbiota composition in the efficient feed converter and sturdy Indian Jaffrabadi buffalo (*Bubalus bubalis*). BMC genomics, 16, 1116.

Blanco-Ulate B, et al. (2014) Genome-wide transcriptional profiling of *Botrytis cinerea* genes targeting plant cell walls during infections of different hosts. Frontiers in plant science, 5, 435.