

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 17, 2026

CAT and BAT

RRID:SCR_023988

Type: Tool

Proper Citation

CAT and BAT (RRID:SCR_023988)

Resource Information

URL: <https://github.com/dutilh/CAT>

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Description: Software pipeline for taxonomic classification of contigs and metagenome-assembled genomes. Contig Annotation Tool and Bin Annotation Tool for the taxonomic classification of long DNA sequences and metagenome assembled genomes of both known and unknown microorganisms, as generated by contemporary metagenomics studies.

Synonyms: Bin Annotation Tool, Contig Annotation Tool, BAT, CAT, cat-bat, CAT/BAT

Resource Type: software resource, software toolkit

Defining Citation: [PMID:31640809](#)

Keywords: taxonomic classification, long DNA sequences, metagenome assembled genomes, known and unknown microorganisms, contemporary metagenomics studies,

Availability: Free, Available for download, Freely available

Resource Name: CAT and BAT

Resource ID: SCR_023988

Alternate URLs: <https://sources.debian.org/src/cat-bat/>

License: MIT License

Record Creation Time: 20230824T050211+0000

Record Last Update: 20260912T200113+0000

Ratings and Alerts

No rating or validation information has been found for CAT and BAT.

No alerts have been found for CAT and BAT.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Zheng Z, et al. (2025) Potential pathogens drive ARGs enrichment during biofilms formation on environmental surfaces. ISME communications, 5(1), ycaf057.

Wang YW, et al. (2023) Invasive Californian death caps develop mushrooms unisexually and bisexually. Nature communications, 14(1), 6560.

Mascarenhas R, et al. (2019) Integrating Computational Methods to Investigate the Macroecology of Microbiomes. Frontiers in genetics, 10, 1344.