

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

## SwiftOrtho

RRID:SCR\_017122

Type: Tool

### Proper Citation

SwiftOrtho (RRID:SCR\_017122)

### Resource Information

**URL:** <https://github.com/Rinoahu/SwiftOrtho>

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**Description:** Software tool for orthology analysis to identify orthologs, paralogs and co orthologs for genomes. Used to perform homology classification across genomes of different species in large genomic datasets.

**Resource Type:** data processing software, data analysis software, software application, software resource

**Defining Citation:** [DOI:10.1101/543223](https://doi.org/10.1101/543223)

**Keywords:** orthology, analysis, identify, ortholog, paralog, co ortholog, genome, homology, different, species, large, dataset, bio.tools

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

**Resource Name:** SwiftOrtho

**Resource ID:** SCR\_017122

**Alternate IDs:** OMICS\_30890, biotools:SwiftOrtho

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

**License:** GNU GPL v3

**Record Creation Time:** 20220129T080333+0000

**Record Last Update:** 20260801T042805+0000

### Ratings and Alerts

No rating or validation information has been found for SwiftOrtho.

No alerts have been found for SwiftOrtho.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Unneberg P, et al. (2024) Ecological genomics in the Northern krill uncovers loci for local adaptation across ocean basins. Nature communications, 15(1), 6297.

Beatman TR, et al. (2021) A nomenclature for echinoderm genes. Database : the journal of biological databases and curation, 2021.

Deutekom ES, et al. (2021) Benchmarking orthology methods using phylogenetic patterns defined at the base of Eukaryotes. Briefings in bioinformatics, 22(3).

Hu X, et al. (2019) SwiftOrtho: A fast, memory-efficient, multiple genome orthology classifier. GigaScience, 8(10).