

# Resource Summary Report

Generated by SPARC SAWG on Sep 12, 2026

## libdivsufsort

RRID:SCR\_024079

Type: Tool

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### Proper Citation

libdivsufsort (RRID:SCR\_024079)

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### Resource Information

**URL:** <https://github.com/y-256/libdivsufsort>

**Proper Citation:** libdivsufsort (RRID:SCR\_024079)

**Description:** Software library that implements lightweight suffix array construction algorithm. Provides C API to construct suffix array and Burrows-Wheeler transformed string from given string over constant size alphabet. The algorithm runs in  $O(n \log n)$  worst-case time using only  $5n + O(1)$  bytes of memory space, where  $n$  is the length of the string.

**Synonyms:** libdivsufsort: A lightweight suffix-sorting library

**Resource Type:** software library, software resource, software toolkit

**Keywords:** suffix array construction algorithm,

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

**Resource Name:** libdivsufsort

**Resource ID:** SCR\_024079

**Alternate URLs:** <https://sources.debian.org/src/libdivsufsort/>

**License:** MIT License

**Record Creation Time:** 20230824T050211+0000

**Record Last Update:** 20260912T200113+0000

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### Ratings and Alerts

No rating or validation information has been found for libdivsufsort.

No alerts have been found for libdivsufsort.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Renders L, et al. (2025) Columba: fast approximate pattern matching with optimized search schemes. Bioinformatics (Oxford, England), 41(12).