

Resource Summary Report

Generated by SPARC SAWG on Jul 28, 2026

libdivsufsort

RRID:SCR_024079

Type: Tool

Proper Citation

libdivsufsort (RRID:SCR_024079)

Resource Information

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

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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: 20260728T043702+0000

Ratings and Alerts

No rating or validation information has been found for libdivsufsort.

No alerts have been found for libdivsufsort.

Data and Source Information

Source: [SciCrunch Registry](#)

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).