

Resource Summary Report

Generated by [ASWG](#) on Aug 4, 2026

Lambda

RRID:SCR_024052

Type: Tool

Proper Citation

Lambda (RRID:SCR_024052)

Resource Information

URL: <https://seqan.github.io/lambda/>

Proper Citation: Lambda (RRID:SCR_024052)

Description: Software tool as local aligner optimized for many query sequences and searches in protein space. It is compatible to BLAST, but much faster than BLAST and many other comparable tools.

Synonyms: Lambda: the Local Aligner for Massive Biological Data, lambda-align, LAMBDA

Resource Type: image analysis software, software application, data processing software, alignment software, software resource

Defining Citation: [PMID:25161219](#)

Keywords: sequences, searches in protein,

Availability: Free, Available for download, Freely available,

Resource Name: Lambda

Resource ID: SCR_024052

Alternate IDs: OMICS_08009

Alternate URLs: <https://sources.debian.org/src/lambda-align/>,
<https://github.com/seqan/lambda>

License: GNU Affero General Public License, BSD

Record Creation Time: 20230824T050211+0000

Record Last Update: 20260804T043815+0000

Ratings and Alerts

No rating or validation information has been found for Lambda.

No alerts have been found for Lambda.

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 [ASWG](#) .

Hauswedell H, et al. (2024) Lambda3: homology search for protein, nucleotide, and bisulfite-converted sequences. Bioinformatics (Oxford, England), 40(3).