Resource Summary Report

Generated by NIF on Apr 20, 2025

G-BLASTN

RRID:SCR_005062

Type: Tool

Proper Citation

G-BLASTN (RRID:SCR_005062)

Resource Information

URL: http://www.comp.hkbu.edu.hk/~chxw/software/G-BLASTN.html

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Description: A GPU-accelerated nucleotide alignment tool based on the widely used NCBI-BLAST. It can produce exactly the same results as NCBI-BLAST, and it also has very similar user commands. It also supports a pipeline mode, which can fully utilize the GPU and CPU resources when handling a batch of medium to large sized queries.

Abbreviations: G-BLASTN

Resource Type: software resource

Defining Citation: PMID:24463183

Keywords: parallel computation 4, blast, alignment, nucleotide, gpu, bio.tools

Funding: Hong Kong Baptist University; Hong Kong; China FRG2/11-12/158;

NVIDIA

Availability: Free

Resource Name: G-BLASTN

Resource ID: SCR_005062

Alternate IDs: OMICS 02263, biotools:g-blastn

Alternate URLs: http://sourceforge.net/projects/gblastn/, https://bio.tools/g-blastn

Record Creation Time: 20220129T080228+0000

Record Last Update: 20250420T014243+0000

Ratings and Alerts

No rating or validation information has been found for G-BLASTN.

No alerts have been found for G-BLASTN.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.