



Cookbook

Created: June 23, 2008; Updated: December 16, 2019.

Get NCBI BLAST databases

Create a masked BLAST database

Search with database masking enabled

Display BLAST search results with custom output format

Use `blastdb_aliastool` to manage the BLAST databases

Reformat BLAST reports with `blast_formatter`

Extracting data from BLAST databases with `blastdbcmd`

Use Windowmasker to filter the query sequence(s) in a BLAST search

Building a BLAST database with local sequences

Limiting a Search by taxonomy

Limiting a Search with a List of Identifiers

Multiple databases vs. spaces in filenames and paths

Specifying a sequence as the multiple sequence alignment master in `psiblast`

Ignoring the consensus sequence in the multiple sequence alignment in `psiblast`

Performing a DELTA-BLAST search

Query a BLAST database with an accession, but exclude that accession from the results

Faster sequence lookups by accession