

Applications

Taxonomic
classification

Raw sequence search

Pangenomics

Tools

K-mer analysis

Sequence alignment

Data structures

Hash tables

Filters

Succinct data
structures

String data
structures

Trees

Features

- Compact
- Fast
- Dynamic
- Variable-size keys
- Distributed

- Compact
- Fast
- Dynamic
- Associate values
- Parallel

- Fast
- Dynamic
- Locality
- Parallel

- Fast
- Dynamic
- Locality
- Parallel

- Fast
- Dynamic
- Locality
- Parallel
- Distributed

Index k-mers

Weed out
singletons

Align
sequences

String search

Prune
samples

K-mer analysis

Sequence alignment