khmer
RRID:SCR_001156
Type: Tool

Proper Citation

khmer (RRID:SCR_001156)

Resource Information

URL: http://khmer.readthedocs.org/

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Description: Software library and suite of command line tools for working with DNA sequence that takes a k-mer-centric approach to sequence analysis. It is primarily aimed at short-read sequencing data such as that produced by the Illumina platform.

Resource Type: Resource, software resource, software toolkit

References: PMID:26535114

Keywords: dna sequence, short-read, sequencing, dna, illumina, sequence analysis, bio.tools

Funding Agency: NHGRI

Availability: BSD License, Acknowledgement requested

Website Status: Last checked up

Resource Name: khmer

Resource ID: SCR_001156

Alternate IDs: SciRes_000166, OMICS_02560, biotools:khmer


Ratings and Alerts

No rating or validation information has been found for khmer.

No alerts have been found for khmer.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 22 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.


Zhang Q, et al. (2014) These are not the k-mers you are looking for: efficient online k-mer counting using a probabilistic data structure. PloS one, 9(7), e101271.


Beall CJ, et al. (2014) Single cell genomics of uncultured, health-associated Tannerella BU063 (Oral Taxon 286) and comparison to the closely related pathogen Tannerella forsythia. PloS one, 9(2), e89398.

Busk PK, et al. (2014) Several genes encoding enzymes with the same activity are necessary for aerobic fungal degradation of cellulose in nature. PloS one, 9(12), e114138.


Schwarz EM, et al. (2013) The genome and developmental transcriptome of the strongylid nematode Haemonchus contortus. Genome biology, 14(8), R89.

Hahn C, et al. (2013) Reconstructing mitochondrial genomes directly from genomic next-generation sequencing reads--a baiting and iterative mapping approach. Nucleic acids research, 41(13), e129.

