Resource Summary Report

Generated by NIF on May 16, 2025

Clippers

RRID:SCR_005256
Type: Tool

Proper Citation

Clippers (RRID:SCR_005256)

Resource Information

URL: https://code.google.com/p/clippers/

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Description: A software program designed to identify long deletions of a genome as well as the RNA splicings using long Illumina reads. Currently, Clippers is implemented for long reads Illumina, ex: 75bp or 100bp, allowing mismatches and a single deletion/splicing. Clippers is a sister tool of PerM, our short reads aligner. Users are strongly suggested to use PerM to initially mapped reads and identify the deletion/splicing with the initially unmapped reads. We plan to extend it to ABI SOLiD reads in the near future. Clippers outputs gap-alignments in SAM format. You can use SAMtools or other program to interpret the deletion/splicing. The input files are a reference in fasta format and the reads is in fasta or fastq format.

Abbreviations: Clippers

Synonyms: clippers - Deletion Identification Program using Periodic Spaced Seed

Resource Type: software resource

Defining Citation: PMID:19675096

Keywords: long deletion, genome, rna splicing, illumina, deletion

Funding:

Availability: GNU General Public License, v2, Acknowledgement requested

Resource Name: Clippers

Resource ID: SCR_005256

Alternate IDs: OMICS_00311

Record Creation Time: 20220129T080229+0000

Record Last Update: 20250420T014247+0000

Ratings and Alerts

No rating or validation information has been found for Clippers.

No alerts have been found for Clippers.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Eckstein K, et al. (2021) Improved susceptibility weighted imaging at ultra-high field using bipolar multi-echo acquisition and optimized image processing: CLEAR-SWI. NeuroImage, 237, 118175.

Taieb G, et al. (2021) Hemophagocytic Lymphohistiocytosis Gene Mutations in Adult Patients Presenting With CLIPPERS-Like Syndrome. Neurology(R) neuroimmunology & neuroinflammation, 8(3).

Basanta B, et al. (2020) An enumerative algorithm for de novo design of proteins with diverse pocket structures. Proceedings of the National Academy of Sciences of the United States of America, 117(36), 22135.

Chatterjee D, et al. (2019) ImmtorLig_DB: repertoire of virtually screened small molecules against immune receptors to bolster host immunity. Scientific reports, 9(1), 3092.

Blaabjerg M, et al. (2018) Omics-Based Approach Reveals Complement-Mediated Inflammation in Chronic Lymphocytic Inflammation With Pontine Perivascular Enhancement Responsive to Steroids (CLIPPERS). Frontiers in immunology, 9, 741.

Hou X, et al. (2016) Horizontal eyeball akinesia as an initial manifestation of CLIPPERS: Case report and review of literature. Medicine, 95(34), e4640.

Blaabjerg M, et al. (2016) Widespread inflammation in CLIPPERS syndrome indicated by

autopsy and ultra-high-field 7T MRI. Neurology(R) neuroimmunology & neuroinflammation, 3(3), e226.