

Resource Summary Report

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Clippers

RRID:SCR_005256

Type: Tool

Proper Citation

Clippers (RRID:SCR_005256)

Resource Information

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

Proper Citation: Clippers (RRID:SCR_005256)

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

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: 20260815T182313+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.