

Resource Summary Report

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CLEVER Toolkit

RRID:SCR_005255

Type: Tool

Proper Citation

CLEVER Toolkit (RRID:SCR_005255)

Resource Information

URL: <https://code.google.com/p/clever-sv/>

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Description: A collection of tools to discover and genotype structural variations in genomes from paired-end sequencing reads. The main software is written in C++ with some auxiliary scripts in Python.

Abbreviations: CLEVER Toolkit

Synonyms: clever-sv, CLEVER - Clique Enumerating Variant Finder

Resource Type: software resource

Defining Citation: [PMID:23060616](https://pubmed.ncbi.nlm.nih.gov/23060616/)

Keywords: c++, python, structural variation, genome, genotype, linux, unix, windows

Funding:

Availability: GNU General Public License, v3

Resource Name: CLEVER Toolkit

Resource ID: SCR_005255

Alternate IDs: OMICS_00309

Record Creation Time: 20220129T080229+0000

Record Last Update: 20250420T014247+0000

Ratings and Alerts

No rating or validation information has been found for CLEVER Toolkit.

No alerts have been found for CLEVER Toolkit.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Wiese F, et al. (2024) The key role of sufficiency for low demand-based carbon neutrality and energy security across Europe. Nature communications, 15(1), 9043.

Spelle L, et al. (2024) CLinical EValuation of WEB 17 device in intracranial aneuRysms (CLEVER): procedural, 30-day and 1-year safety results for ruptured and unruptured aneurysms. Journal of neurointerventional surgery, 16(12), 1299.

McManus KF, et al. (2024) Deploying a national clinical text processing infrastructure. Journal of the American Medical Informatics Association : JAMIA, 31(3), 727.

Munkácsy B, et al. (2024) The sufficiency-based, the de-growth, and the official - Critical remarks of the electricity chapter of the Hungarian national energy and climate plan based on a comparison to alternative scenarios. Heliyon, 10(21), e39863.

Minotti C, et al. (2023) Early Treatments of Fragile Children with COVID-19-Results of CLEVER (Children COVID Early Treatment), a Retrospective, Observational Study. Viruses, 15(1).

Chen CP, et al. (2023) Prenatal lipopolysaccharide exposure induces anxiety-like behaviour in male mouse offspring and aberrant glial differentiation of embryonic neural stem cells. Cellular & molecular biology letters, 28(1), 67.

Williamson BJ, et al. (2022) Automated grading of enlarged perivascular spaces in clinical imaging data of an acute stroke cohort using an interpretable, 3D deep learning framework. Scientific reports, 12(1), 788.

Oosthuizen S, et al. (2022) Maternity healthcare providers' self-perceptions of well-being during COVID-19: A survey in Tshwane Health District, South Africa. African journal of primary health care & family medicine, 14(1), e1.

Humbert-Droz M, et al. (2022) Development and validation of MedDRA Tagger: a tool for

extraction and structuring medical information from clinical notes. medRxiv : the preprint server for health sciences.

Oosthuizen SJ, et al. (2022) The COVID-19 pandemic and disruptions in a district quality improvement initiative: Experiences from the CLEVER Maternity Care programme. South African family practice : official journal of the South African Academy of Family Practice/Primary Care, 64(1), e1.

Meerwijk EL, et al. (2022) Suicide theory-guided natural language processing of clinical progress notes to improve prediction of veteran suicide risk: protocol for a mixed-method study. BMJ open, 12(8), e065088.

Bhatt A, et al. (2022) CLEVER assay: A visual and rapid RNA extraction-free detection of SARS-CoV-2 based on CRISPR-Cas integrated RT-LAMP technology. Journal of applied microbiology, 133(2), 410.

Bubb KJ, et al. (2021) Protocol for the Stimulating α 3-Adrenergic Receptors for Peripheral Artery Disease (STAR-PAD) trial: a double-blinded, randomised, placebo-controlled study evaluating the effects of mirabegron on functional performance in patients with peripheral arterial disease. BMJ open, 11(9), e049858.

Seidel N, et al. (2021) Cluster Randomized Trial: Sun Protection Intervention 'Clever in Sun and Shade for Preschools'-Effectiveness and Dissemination. Children (Basel, Switzerland), 8(8).

Shahid F, et al. (2021) Identification of Potential HCV Inhibitors Based on the Interaction of Epigallocatechin-3-Gallate with Viral Envelope Proteins. Molecules (Basel, Switzerland), 26(5).

Anwar MM, et al. (2020) Prodigiosin/PU-H71 as a novel potential combined therapy for triple negative breast cancer (TNBC): preclinical insights. Scientific reports, 10(1), 14706.

Kathuria K, et al. (2020) SVXplorer: Three-tier approach to identification of structural variants via sequential recombination of discordant cluster signatures. PLoS computational biology, 16(3), e1007737.

Oosthuizen SJ, et al. (2020) CLEVER maternity care: A before-and-after study of women's experience of childbirth in Tshwane, South Africa. African journal of primary health care & family medicine, 12(1), e1.

Ling AY, et al. (2019) Using natural language processing to construct a metastatic breast cancer cohort from linked cancer registry and electronic medical records data. JAMIA open, 2(4), 528.

Cameron DL, et al. (2019) Comprehensive evaluation and characterisation of short read general-purpose structural variant calling software. Nature communications, 10(1), 3240.