

Resource Summary Report

Generated by [dkNET](#) on May 20, 2025

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](#)

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: 20250519T203352+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 [dkNET](#).

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 β 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.