**VCFtools**

**RRID:** SCR_001235  
**Type:** Tool

**Proper Citation**

VCFtools (RRID:SCR_001235)

**Resource Information**

**URL:** [https://vcftools.github.io/index.html](https://vcftools.github.io/index.html)

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**Description:** Software package for working with VCF files. Used to provide easily accessible methods for working with complex genetic variation data in the form of VCF files. Implements various utilities for processing Variant Call Format files, including validation, merging, comparing. Provides general Perl API.

**Synonyms:** Variant Call Format Tools

**Resource Type:** software resource, software application, data management software

**Defining Citation:** PMID:21653522, DOI:10.1093/bioinformatics/btr330

**Keywords:** perl, genetic variation, variant call format, software, bio.tools

**Availability:** Free, Available for download, Freely available

**Resource Name:** VCFtools

**Resource ID:** SCR_001235

**Alternate IDs:** OMICS_02105, biotools:vcftools, SCR_012092, OMICS_05112

**Alternate URLs:** [https://bio.tools/vcftools](https://bio.tools/vcftools), [https://sources.debian.org/src/vcftools/](https://sources.debian.org/src/vcftools/)

**Old URLs:** http://vcftools.sourceforge.net/

**Record Creation Time:** 20220129T080206+0000
Ratings and Alerts

No rating or validation information has been found for VCFtools.

No alerts have been found for VCFtools.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2797 mentions in open access literature.

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


Tan X, et al. (2024) Large-scale genomic and transcriptomic analyses elucidate the genetic basis of high meat yield in chickens. Journal of advanced research, 55, 1.

Zhang K, et al. (2024) AGIDB: a versatile database for genotype imputation and variant decoding across species. Nucleic acids research, 52(D1), D835.


Ward PS, et al. (2024) Reference genome of the bicolored carpenter ant, Camponotus vicinus. The Journal of heredity, 115(1), 120.


Hong Y, et al. (2024) Genome-wide association studies reveal stable loci for wheat grain size under different sowing dates. PeerJ, 12, e16984.


Lin L, et al. (2024) Transcriptome data reveals the conservation genetics of Cypripedium forrestii, a plant species with extremely small populations endemic to Yunnan, China. Frontiers in plant science, 15, 1303625.


Hochstoeger T, et al. (2024) Distinct roles of LARP1 and 4EBP1/2 in regulating translation and stability of 5'TOP mRNAs. Science advances, 10(7), eadi7830.


Velasco VV, et al. (2024) Quantitative trait loci mapping of innate fear behavior in day-old F2 chickens of Japanese Oh-Shamo and White Leghorn breeds using restriction site-associated DNA sequencing. Poultry science, 103(1), 103228.