

Resource Summary Report

Generated by ASWG on Aug 3, 2026

COVA

RRID:SCR_005175

Type: Tool

Proper Citation

COVA (RRID:SCR_005175)

Resource Information

URL: <http://sourceforge.net/projects/cova/>

Proper Citation: COVA (RRID:SCR_005175)

Description: A variant annotation and comparison tool for next-generation sequencing. It annotates the effects of variants on genes and compares those among multiple samples, which helps to pinpoint causal variation(s) relating to phenotype.

Abbreviations: COVA

Synonyms: COVA - Comparison of variants and functional annotation, Comparison of variants and functional annotation

Resource Type: software resource

Keywords: next-generation sequencing, variant annotation, variant, annotation, gene, genetic variation, phenotype

Resource Name: COVA

Resource ID: SCR_005175

Alternate IDs: OMICS_00171

Record Creation Time: 20220129T080228+0000

Record Last Update: 20260801T190250+0000

Ratings and Alerts

No rating or validation information has been found for COVA.

No alerts have been found for COVA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 58 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#).

Jimenez IJ, et al. (2025) Integrating ontogenetic and behavioral analysis in fossil and extant *Lynx pardinus* (Temminck, 1827). *Scientific reports*, 15(1), 16541.

Fradique AR, et al. (2025) Perceptions and Knowledge of Autism Spectrum Disorder in Primary Care and Educational Settings: A Study From Central Portugal. *Cureus*, 17(6), e86986.

Lv Y, et al. (2025) Subgenome Partitioning and Polyploid Genome Evolution in the Loach Family Botiidae (Order Cypriniformes). *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(36), e05411.

Shen Q, et al. (2025) Chromosome-level assembly and annotation of the yellow-shelled fish (*Barbodes Wynaadensis*). *Scientific data*, 12(1), 1196.

Araujo-Santos I, et al. (2025) What affects the sustainability of a non-timber forest product value chain? A case study of an endemic palm harvested by local communities in Brazil. *Journal of ethnobiology and ethnomedicine*, 21(1), 56.

He Z, et al. (2024) The whole chromosome-level genome provides resources and insights into the endangered fish *Percocypris pingi* evolution and conservation. *BMC genomics*, 25(1), 1175.

Sanchez-Gomez D, et al. (2024) A supervised multiclass framework for mineral classification of Iberian beads. *PloS one*, 19(7), e0302563.

Ponte Lira C, et al. (2024) Century-scale dataset of bathymetry and shoreline position for Tagus ebb-tidal delta, Portugal. *Scientific data*, 11(1), 983.

Wang B, et al. (2024) Whole-genome Sequencing Reveals Autooctoploidy in Chinese Sturgeon and Its Evolutionary Trajectories. *Genomics, proteomics & bioinformatics*, 22(1).

Zhu D, et al. (2024) A tip of the iceberg: genome survey indicated a complex evolutionary history of *Garuga Roxb.* species. *BMC genomics*, 25(1), 993.

Cruz SA, et al. (2024) Digital business, work and consumption in a service relation: a case study of a delivery platform company. *Frontiers in sociology*, 9, 1454305.

Mariana M, et al. (2024) Exposure to DEP Modifies the Human Umbilical Artery Vascular Resistance Contributing to Hypertension in Pregnancy. *Journal of xenobiotics*, 14(2), 497.

Giraud T, et al. (2023) "One more time": time loops as a tool to investigate folk conceptions of moral responsibility and human agency. *Synthese*, 202(3), 83.

Radovanovic M, et al. (2023) Paclitaxel and Therapeutic Drug Monitoring with Microsampling in Clinical Practice. *Pharmaceuticals* (Basel, Switzerland), 17(1).

Koçak S, et al. (2023) Estimation of (Co) Variance Components and Genetic Parameters for Pre- and Post-Weaning Growth Traits in Dağlıç Sheep. *Animals : an open access journal from MDPI*, 14(1).

Elfarargi AF, et al. (2023) Genomic Basis of Adaptation to a Novel Precipitation Regime. *Molecular biology and evolution*, 40(3).

de la Cova C, et al. (2023) Structural violence and institutionalized individuals: A paleopathological perspective on a continuing issue. *PloS one*, 18(8), e0290014.

Cronshaw S, et al. (2022) Web workouts and consumer well-being: The role of digital-physical activity during the UK COVID-19 lockdown. *The Journal of consumer affairs*, 56(1), 449.

Capone D, et al. (2022) Persistent *Ascaris* Transmission Is Possible in Urban Areas Even Where Sanitation Coverage Is High. *Environmental science & technology*, 56(22), 15969.

Shaffer JM, et al. (2022) SALSA, a genetically encoded biosensor for spatiotemporal quantification of Notch signal transduction in vivo. *Developmental cell*, 57(7), 930.