

Resource Summary Report

Generated by [nidm-terms](#) on Jul 30, 2026

ANDES

RRID:SCR_002791

Type: Tool

Proper Citation

ANDES (RRID:SCR_002791)

Resource Information

URL: <http://andestools.sourceforge.net/>

Proper Citation: ANDES (RRID:SCR_002791)

Description: Software library and a suite of applications, written in Perl and R, for deep sequencing statistical analyses.

Synonyms: Statistical tools for the Analyses of Deep Sequencing (ANDES), Statistical tools for the Analyses of Deep Sequencing, Statistical tools for the ANALyses of Deep Sequencing

Resource Type: software application, data analysis software, software resource, data processing software, software toolkit

Defining Citation: [PMID:20633290](#)

Keywords: deep sequencing, biomarker detection, statistical analysis, bio.tools

Availability: Free, Freely available, Available for download

Resource Name: ANDES

Resource ID: SCR_002791

Alternate IDs: biotools:andes, OMICS_01119

Alternate URLs: <https://bio.tools/andes>

License: Apache License

Record Creation Time: 20220129T080215+0000

Record Last Update: 20260729T044040+0000

Ratings and Alerts

No rating or validation information has been found for ANDES.

No alerts have been found for ANDES.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Kanjilal R, et al. (2025) Genomic Anomaly Detection with Functional Data Analysis. *Genes*, 16(6).

Guo M, et al. (2024) Electrically and mechanically driven rotation of polar spirals in a relaxor ferroelectric polymer. *Nature communications*, 15(1), 348.

Li L, et al. (2024) A best-match approach for gene set analyses in embedding spaces. *Genome research*, 34(9), 1421.

Álvarez-Romero C, et al. (2023) New Insights into the Medieval Hispano-Muslim Panel Painting: The Alfarje Found in a Balearic Casal (Spain). *Molecules (Basel, Switzerland)*, 28(3).

Wang G, et al. (2023) Boosting Interfacial Polarization Through Heterointerface Engineering in MXene/Graphene Intercalated-Based Microspheres for Electromagnetic Wave Absorption. *Nano-micro letters*, 15(1), 152.

Jeong H, et al. (2022) Identification of conserved regions from 230,163 SARS-CoV-2 genomes and their use in diagnostic PCR primer design. *Genes & genomics*, 44(8), 899.

Waymack R, et al. (2021) Molecular competition can shape enhancer activity in the *Drosophila* embryo. *iScience*, 24(9), 103034.

B?ncioiu C, et al. (2021) Accelerating Causal Inference and Feature Selection Methods through G-Test Computation Reuse. *Entropy (Basel, Switzerland)*, 23(11).

Chen Y, et al. (2020) Emergence of Beta Oscillations of a Resonance Model for Parkinson's Disease. *Neural plasticity*, 2020, 8824760.

Pan BJ, et al. (2019) The optical and biological properties of glacial meltwater in an Antarctic fjord. *PloS one*, 14(2), e0211107.

Huang CH, et al. (2018) An Efficient Population Density Method for Modeling Neural Networks with Synaptic Dynamics Manifesting Finite Relaxation Time and Short-Term Plasticity. *eNeuro*, 5(6).

- Mulligan M, et al. (2018) A minimal power model for human running performance. *PloS one*, 13(11), e0206645.
- Mirzakhilili E, et al. (2017) Synaptic Impairment and Robustness of Excitatory Neuronal Networks with Different Topologies. *Frontiers in neural circuits*, 11, 38.
- Hou D, et al. (2016) Micromechanical Properties of Nanostructured Clay-Oxide Multilayers Synthesized by Layer-by-Layer Self-Assembly. *Nanomaterials (Basel, Switzerland)*, 6(11).
- Liu W, et al. (2016) Seismic Performance of Composite Shear Walls Constructed Using Recycled Aggregate Concrete and Different Expandable Polystyrene Configurations. *Materials (Basel, Switzerland)*, 9(3).
- Martínez A, et al. (2016) Ionophoric polyphenols selectively bind Cu(2+), display potent antioxidant and anti-amyloidogenic properties, and are non-toxic toward *Tetrahymena thermophila*. *Bioorganic & medicinal chemistry*, 24(16), 3657.
- Wu B, et al. (2016) Reorganization of hydrogen bond network makes strong polyelectrolyte brushes pH-responsive. *Science advances*, 2(8), e1600579.
- Li Q, et al. (2014) Optimization of an organic photovoltaic device via modulation of thickness of photoactive and optical spacer layers. *Nanoscale research letters*, 9(1), 460.
- Cao T, et al. (2014) Extrinsic 2D chirality: giant circular conversion dichroism from a metal-dielectric-metal square array. *Scientific reports*, 4, 7442.
- Li K, et al. (2012) Automated degenerate PCR primer design for high-throughput sequencing improves efficiency of viral sequencing. *Virology journal*, 9, 261.