

Resource Summary Report

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ERNE

RRID:SCR_010912

Type: Tool

Proper Citation

ERNE (RRID:SCR_010912)

Resource Information

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

Proper Citation: ERNE (RRID:SCR_010912)

Description: A short string alignment package whose goal is to provide an all-inclusive set of tools to handle short (NGS-like) reads.

Abbreviations: ERNE

Resource Type: software resource

Resource Name: ERNE

Resource ID: SCR_010912

Alternate IDs: OMICS_00662

Record Creation Time: 20220129T080301+0000

Record Last Update: 20260725T190709+0000

Ratings and Alerts

No rating or validation information has been found for ERNE.

No alerts have been found for ERNE.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 46 mentions in open access literature.

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

Bibi A, et al. (2025) Circular PVT1 promotes cardiac fibroblast activation interacting with miR-30a-5p and miR-125b-5p. *Cell death & disease*, 16(1), 325.

Moreno-Sanz P, et al. (2025) Investigation of mechanisms underlying seedlessness in a Sangiovese somatic variant through comparative genomic and histological analyses. *BMC plant biology*, 25(1), 1758.

Ferguson JN, et al. (2025) A deficient CP24 allele defines variation for dynamic nonphotochemical quenching and photosystem II efficiency in maize. *The Plant cell*, 37(4).

Spampinato C, et al. (2025) Improved radicchio seedling growth under CsPbI₃ perovskite rooftop in a laboratory-scale greenhouse for Agrivoltaics application. *Nature communications*, 16(1), 2190.

Marqués-Gálvez JE, et al. (2025) Arbuscular Mycorrhiza Induce the Regulation of Ca²⁺, ROS, and SOS Pathways Under Salt Stress in Tomato Roots. *Physiologia plantarum*, 177(6), e70610.

Giovannini L, et al. (2025) Mycorrhization and chemical seed priming boost tomato stress tolerance by changing primary and defence metabolic pathways. *Journal of experimental botany*, 76(21), 6410.

Grigoriadou Zormpa O, et al. (2025) Genetic diversity and fine-scale spatial genetic structure of European beech populations along an elevational gradient. *Heredity*, 134(8), 451.

Peña-Ponton C, et al. (2024) High-resolution methylome analysis uncovers stress-responsive genomic hotspots and drought-sensitive transposable element superfamilies in the clonal Lombardy poplar. *Journal of experimental botany*, 75(18), 5839.

Navarini L, et al. (2024) Mozambican *Coffea* accessions from Ibo and Quirimba Islands: identification and geographical distribution. *AoB PLANTS*, 16(2), plae004.

Kareem BO, et al. (2024) Environmental and genetic regulation of *Streptococcus pneumoniae* galactose catabolic pathways. *Nature communications*, 15(1), 5171.

Tripodi P, et al. (2023) Development and application of Single Primer Enrichment Technology (SPET) SNP assay for population genomics analysis and candidate gene discovery in lettuce. *Frontiers in plant science*, 14, 1252777.

Rossi S, et al. (2023) C9orf72 Toxic Species Affect ArfGAP-1 Function. *Cells*, 12(15).

Troyee AN, et al. (2023) Herbivory induced methylation changes in the Lombardy poplar: A comparison of results obtained by epiGBS and WGBS. *PloS one*, 18(9), e0291202.

Allegri L, et al. (2022) Role of m6A RNA Methylation in Thyroid Cancer Cell Lines. *International journal of molecular sciences*, 23(19).

Mbebi AJ, et al. (2022) A comparative analysis of genomic and phenomic predictions of growth-related traits in 3-way coffee hybrids. *G3* (Bethesda, Md.), 12(9).

Pontiller B, et al. (2022) Rapid bacterioplankton transcription cascades regulate organic matter utilization during phytoplankton bloom progression in a coastal upwelling system. *The ISME journal*, 16(10), 2360.

Miculan M, et al. (2021) A forward genetics approach integrating genome-wide association study and expression quantitative trait locus mapping to dissect leaf development in maize (*Zea mays*). *The Plant journal : for cell and molecular biology*, 107(4), 1056.

Alser M, et al. (2021) Technology dictates algorithms: recent developments in read alignment. *Genome biology*, 22(1), 249.

Boukail S, et al. (2021) Genome wide association study of agronomic and seed traits in a world collection of proso millet (*Panicum miliaceum* L.). *BMC plant biology*, 21(1), 330.

Allegri L, et al. (2021) Effects of Dihydrotanshinone I on Proliferation and Invasiveness of Paclitaxel-Resistant Anaplastic Thyroid Cancer Cells. *International journal of molecular sciences*, 22(15).