Resource Summary Report

Generated by NIF on Apr 17, 2025

ECHO

RRID:SCR 011851

Type: Tool

Proper Citation

ECHO (RRID:SCR_011851)

Resource Information

URL: http://uc-echo.sourceforge.net/

Proper Citation: ECHO (RRID:SCR_011851)

Description: Error correction algorithm designed for short-reads from next-generation

sequencing platforms such as Illumina"s Genome Analyzer II.

Abbreviations: ECHO

Synonyms: ECHO: A reference-free short-read error correction algorithm

Resource Type: sequence analysis software, data analysis software, software application,

algorithm resource, data processing software, software resource

Defining Citation: PMID:21482625, DOI:10.1101/gr.111351.110

Keywords: error correction, rnaseq, rna sequence, short-read, next-generation sequencing,

ngs, illumina, bio.tools

Funding:

Availability: Free, Available for download

Resource Name: ECHO

Resource ID: SCR_011851

Alternate IDs: biotools:echo, OMICS_01102

Alternate URLs: https://bio.tools/echo, https://sources.debian.org/src/uc-echo/

Record Creation Time: 20220129T080307+0000

Record Last Update: 20250417T065413+0000

Ratings and Alerts

No rating or validation information has been found for ECHO.

No alerts have been found for ECHO.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 269 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Wang Z, et al. (2025) Variable-flip-angle 3D spiral-in-out turbo spin-echo imaging using concomitant gradient compensation and echo reordering at 0.55?T. Magnetic resonance in medicine, 93(4), 1741.

Kuo CH, et al. (2025) Ultrasonication-assisted lipase-catalyzed esterification of chlorogenic acid: A comparative study using fatty alcohol and acids in solvent and solvent-free conditions. Ultrasonics sonochemistry, 113, 107218.

Chang CC, et al. (2025) Intrinsically Healable and Photoresponsive Electrospun Fabrics: Integrating PVDF-HFP, TPU, and Azobenzene Ionic Liquids. ACS applied materials & interfaces, 17(1), 2215.

Kurth L, et al. (2024) Intrapartum exposure to synthetic oxytocin, maternal BMI, and neurodevelopmental outcomes in children within the ECHO consortium. Journal of neurodevelopmental disorders, 16(1), 26.

Spada I, et al. (2024) Standardising job descriptions in the humanitarian supply chain: A text mining approach for recruitment process. PloS one, 19(7), e0305961.

Pal A, et al. (2024) Construction of Triboelectric Series and Chirality Detection of Amino Acids Using Triboelectric Nanogenerator. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(4), e2307266.

Meyer S, et al. (2024) Automated planning of stereotactic spine re-irradiation using cumulative dose limits. Physics and imaging in radiation oncology, 29, 100547.

El-Nashar H, et al. (2024) Multiscale structure and function of the aortic valve apparatus. Physiological reviews, 104(4), 1487.

Jankowski MS, et al. (2024) Disordered clock protein interactions and charge blocks turn an hourglass into a persistent circadian oscillator. Nature communications, 15(1), 3523.

Kurto?lu A, et al. (2024) The Effect of Training Experience on Cardiac Morphology in Resistance Exercise Practitioners: A Study on Left Ventricular Systolic and Diastolic Parameters and Left Atrium Mechanical Functions. Medicina (Kaunas, Lithuania), 60(12).

Sim DS, et al. (2024) First-in-Human Evaluation of a Polymer-Free Everolimus-Eluting Stent Using a Titanium Dioxide Film. Journal of Korean medical science, 39(33), e234.

Chuah J, et al. (2024) Dual-Approach Co-expression Analysis Framework (D-CAF) Enables Identification of Novel Circadian Regulation From Multi-Omic Timeseries Data. bioRxiv: the preprint server for biology.

Lee WH, et al. (2024) The anti-COVID-19 drug nirmatrelvir crosses the blood?brain barrier and exhibits herb-drug pharmacokinetic interactions with Scutellaria baicalensis formulations. Heliyon, 10(15), e34820.

Ramalingam N, et al. (2024) "Moving beyond silos": focus groups to understand the impact of an adapted project ECHO model for a multidisciplinary statewide forum of substance use disorder care leaders manuscript authors. Addiction science & clinical practice, 19(1), 58.

Trasande L, et al. (2024) Prenatal phthalate exposure and adverse birth outcomes in the USA: a prospective analysis of births and estimates of attributable burden and costs. The Lancet. Planetary health, 8(2), e74.

Chang CW, et al. (2024) Dual-Responsive PIL Films with Gold Nanoparticles: Tailoring Electrical Responses to pH and Thermal Stimuli. ACS applied materials & interfaces, 16(44), 61096.

Larson RS, et al. (2024) Specialists' learning from facilitating group peer telementoring: a qualitative study. BMC medical education, 24(1), 1485.

Blackwell CK, et al. (2024) Extending the Environmental influences on Child Health Outcomes (ECHO) Cohort through 2030: Rationale and study protocol. PloS one, 19(12), e0312677.

Rajnochova Bloudickova S, et al. (2024) Standardized risk-stratified cardiac assessment and early posttransplant cardiovascular complications in kidney transplant recipients. Frontiers in cardiovascular medicine, 11, 1322176.

Quteineh M, et al. (2024) Vesicovaginal and vesicorectal fistula in a patient with systemic sclerosis: A case report. Clinical case reports, 12(2), e8550.