

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

## HECTOR

RRID:SCR\_013007

Type: Tool

### Proper Citation

HECTOR (RRID:SCR\_013007)

### Resource Information

**URL:** <http://sourceforge.net/projects/hector454/>

**Proper Citation:** HECTOR (RRID:SCR\_013007)

**Description:** A parallel multistage k-hopo spectrum based homopolymer-length error corrector for 454 sequencing data.

**Abbreviations:** HECTOR

**Synonyms:** HECTOR: Parallel error corrector for 454 datasets

**Resource Type:** software resource

**Resource Name:** HECTOR

**Resource ID:** SCR\_013007

**Alternate IDs:** OMICS\_01104

**Record Creation Time:** 20220129T080313+0000

**Record Last Update:** 20260808T185950+0000

### Ratings and Alerts

No rating or validation information has been found for HECTOR.

No alerts have been found for HECTOR.

### Data and Source Information

**Source:** [SciCrunch Registry](#)

## Usage and Citation Metrics

We found 56 mentions in open access literature.

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

Jensen J, et al. (2025) Diversity in Resource Use Strategies Promotes Productivity in Young Planted Tree Species Mixtures. *Global change biology*, 31(9), e70493.

Isken MP, et al. (2025) Volcanic crisis reveals coupled magma system at Santorini and Kolumbo. *Nature*, 645(8082), 939.

Mi J, et al. (2025) Contrasting Trends in Plant Diversity and Soil Carbon Mineralization Under Precipitation-Driven Vegetation and Soil Carbon Dynamics in the Mongolian Plateau. *Ecology and evolution*, 15(7), e71806.

Maksymenko K, et al. (2025) A Complementarity-Based Approach to De Novo Binder Design. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(33), e02015.

Govorcin M, et al. (2025) Variable vertical land motion and its impacts on sea level rise projections. *Science advances*, 11(5), eads8163.

Tsang TPN, et al. (2025) Species Overlap and Phylogenetic Relatedness Result in Community Statistical Non-Independence (and What to Do About It). *Ecology letters*, 28(12), e70267.

Kim BH, et al. (2024) Partitioning the drivers of Antarctic glacier mass balance (2003-2020) using satellite observations and a regional climate model. *Proceedings of the National Academy of Sciences of the United States of America*, 121(41), e2322622121.

Xu X, et al. (2024) Nitrogen Addition and Heterotroph Exclusion Affected Plant Species Diversity-Biomass Relationship by Affecting Plant Functional Traits. *Plants* (Basel, Switzerland), 13(2).

Ngo TE, et al. (2024) Structure and Biosynthesis of Hectoramide B, a Linear Depsipeptide from Marine Cyanobacterium *Moorena producens* JHB Discovered via Coculture with *Candida albicans*. *ACS chemical biology*, 19(3), 619.

Day G, et al. (2024) Organisation and evolution of the major histocompatibility complex class I genes in cetaceans. *iScience*, 27(4), 109590.

Luan J, et al. (2024) Biodiversity mitigates drought effects in the decomposer system across biomes. *Proceedings of the National Academy of Sciences of the United States of America*, 121(13), e2313334121.

Speizer S, et al. (2024) Integrated assessment modeling of a zero-emissions global transportation sector. *Nature communications*, 15(1), 4439.

Leonard SM, et al. (2023) Attitudes and Experiences of Clinicians After Mandated Implementation of Open Notes by the 21st Century Cures Act: Survey Study. *Journal of medical Internet research*, 25, e42021.

Ngo TE, et al. (2023) Structure and Biosynthesis of Hectoramide B, a Linear Depsipeptide from the Marine Cyanobacterium *Moorena producens* JHB Discovered via Co-culture with *Candida albicans*. *bioRxiv : the preprint server for biology*.

Smith CR, et al. (2023) Exploring STEM Teaching Assistants' Self-Efficacy and Its Relation to Approaches to Teaching. *CBE life sciences education*, 22(1), ar6.

Flores-Vázquez C, et al. (2022) Technical Development of the CeCi Social Robot. *Sensors (Basel, Switzerland)*, 22(19).

Stefan L, et al. (2021) Positive Effects of Crop Diversity on Productivity Driven by Changes in Soil Microbial Composition. *Frontiers in microbiology*, 12, 660749.

Combes G, et al. (2021) Implementing a new clinical pathway in a non-receptive context: Mixed methods evaluation of a new fracture pathway for older people in a hospital Trust in the West Midlands, UK. *PloS one*, 16(2), e0247455.

Schweiger AK, et al. (2021) Coupling spectral and resource-use complementarity in experimental grassland and forest communities. *Proceedings. Biological sciences*, 288(1958), 20211290.

Smith WA, et al. (2021) Waitlist management in a pediatric weight management clinic: implementing an orientation session. *BMC pediatrics*, 21(1), 416.