

Resource Summary Report

Generated by [NIF](#) on Aug 6, 2026

Celera assembler

RRID:SCR_010750

Type: Tool

Proper Citation

Celera assembler (RRID:SCR_010750)

Resource Information

URL: http://sourceforge.net/apps/mediawiki/wgs-assembler/index.php?title=Main_Page

Proper Citation: Celera assembler (RRID:SCR_010750)

Description: A de novo whole-genome shotgun (WGS) DNA sequence assembler.

Abbreviations: Celera assembler

Resource Type: software resource

Availability: GNU General Public License, v2

Resource Name: Celera assembler

Resource ID: SCR_010750

Alternate IDs: OMICS_00009

Record Creation Time: 20220129T080300+0000

Record Last Update: 20260801T190416+0000

Ratings and Alerts

No rating or validation information has been found for Celera assembler.

No alerts have been found for Celera assembler.

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 [NIF](#) .

Burtneck MN, et al. (2024) Identification of Burkholderia cepacia strains that express a Burkholderia pseudomallei-like capsular polysaccharide. Microbiology spectrum, 12(3), e0332123.

Shallom SJ, et al. (2023) Evolution of Mycobacterium abscessus in the human lung: Cumulative mutations and genomic rearrangement of porin genes in patient isolates. Virulence, 14(1), 2215602.

Leng H, et al. (2023) Identification of a deep-branching thermophilic clade sheds light on early bacterial evolution. Nature communications, 14(1), 4354.

Huene AL, et al. (2022) A family of unusual immunoglobulin superfamily genes in an invertebrate histocompatibility complex. Proceedings of the National Academy of Sciences of the United States of America, 119(40), e2207374119.

Wang H, et al. (2022) Next-Generation Sequencing of Four Mitochondrial Genomes of Dolichovespula (Hymenoptera: Vespidae) with a Phylogenetic Analysis and Divergence Time Estimation of Vespidae. Animals : an open access journal from MDPI, 12(21).

Cheng X, et al. (2021) Cadmium stress triggers significant metabolic reprogramming in Enterococcus faecium CX 2-6. Computational and structural biotechnology journal, 19, 5678.

Xu Y, et al. (2021) Biogeographic and Evolutionary Patterns of Trace Element Utilization in Marine Microbial World. Genomics, proteomics & bioinformatics, 19(6), 958.

Lin M, et al. (2021) Comparative Analysis of Genome of Ehrlichia sp. HF, a Model Bacterium to Study Fatal Human Ehrlichiosis. BMC genomics, 22(1), 11.

Liu P, et al. (2020) Physiological and genomic features of Paraoceanicella profunda gen. nov., sp. nov., a novel piezophile isolated from deep seawater of the Mariana Trench. MicrobiologyOpen, 9(2), e966.

Warr A, et al. (2020) An improved pig reference genome sequence to enable pig genetics and genomics research. GigaScience, 9(6).

Barth JMI, et al. (2020) Stable species boundaries despite ten million years of hybridization in tropical eels. Nature communications, 11(1), 1433.

Mohanty I, et al. (2020) Multi-Omic Profiling of Melophlus Sponges Reveals Diverse Metabolomic and Microbiome Architectures that Are Non-overlapping with Ecological Neighbors. Marine drugs, 18(2).

Mu DS, et al. (2020) Bradymonabacteria, a novel bacterial predator group with versatile survival strategies in saline environments. Microbiome, 8(1), 126.

Deng C, et al. (2019) Metabolic engineering of Corynebacterium glutamicum S9114 based on whole-genome sequencing for efficient N-acetylglucosamine synthesis. Synthetic and

systems biotechnology, 4(3), 120.

Wang S, et al. (2019) A Multidrug Resistance Plasmid pIMP26, Carrying blaIMP-26, fosA5, blaDHA-1, and qnrB4 in *Enterobacter cloacae*. *Scientific reports*, 9(1), 10212.

Takahashi Y, et al. (2019) Domesticating *Vigna stipulacea*: A Potential Legume Crop With Broad Resistance to Biotic Stresses. *Frontiers in plant science*, 10, 1607.

Ma Y, et al. (2019) The first two mitochondrial genomes of wood wasps (Hymenoptera: Symphyta): Novel gene rearrangements and higher-level phylogeny of the basal hymenopterans. *International journal of biological macromolecules*, 123, 1189.

Bai CM, et al. (2019) RNA-seq of HaHV-1-infected abalones reveals a common transcriptional signature of Malacoherpesviruses. *Scientific reports*, 9(1), 938.

Lindblad KA, et al. (2019) Capture of complete ciliate chromosomes in single sequencing reads reveals widespread chromosome isoforms. *BMC genomics*, 20(1), 1037.

Botelho AMN, et al. (2019) Local Diversification of Methicillin- Resistant *Staphylococcus aureus* ST239 in South America After Its Rapid Worldwide Dissemination. *Frontiers in microbiology*, 10, 82.