

Resource Summary Report

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Reefgenomics

RRID:SCR_015009

Type: Tool

Proper Citation

Reefgenomics (RRID:SCR_015009)

Resource Information

URL: <http://reefgenomics.org/>

Proper Citation: Reefgenomics (RRID:SCR_015009)

Description: Database for marine genomics data. Users can access genomics datasets from various organisms as well as carry out BLAST and submit genomics information of their own. Data sets include coral, aiptasia, sponges, and sybiodinium.

Synonyms: reefgenomics.org

Resource Type: data or information resource, database

Defining Citation: [DOI:10.1093/database/baw152](https://doi.org/10.1093/database/baw152)

Keywords: marine genomics, genomics database, blast

Availability: Available to the research community, The community can contribute to this resource

Resource Name: Reefgenomics

Resource ID: SCR_015009

Record Creation Time: 20220129T080323+0000

Record Last Update: 20260801T191039+0000

Ratings and Alerts

No rating or validation information has been found for Reefgenomics.

No alerts have been found for Reefgenomics.

Data and Source Information

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Wu T, et al. (2025) Ancient Hybridisation Fuelled Diversification in Acropora Corals. *Molecular ecology*, 34(22), e17615.

Radice VZ, et al. (2025) First reference genomes for two mesophotic, reef-building coral species: *Leptoseris* cf. *scabra* and *Montipora* cf. *grisea*. *The Journal of heredity*, 116(4), 488.

Suzuki T, et al. (2024) Coexistence of nonfluorescent chromoproteins and fluorescent proteins in massive *Porites* spp. corals manifesting a pink pigmentation response. *Frontiers in physiology*, 15, 1339907.

Sledzieski S, et al. (2024) Decoding the Functional Interactome of Non-Model Organisms with PHILHARMONIC. *bioRxiv : the preprint server for biology*.

Sim I, et al. (2023) Chitosan oligosaccharide suppresses osteosarcoma malignancy by inhibiting CEMIP via the PI3K/AKT/mTOR pathway. *Medical oncology (Northwood, London, England)*, 40(10), 294.

Ip JC, et al. (2023) A draft genome assembly of reef-building octocoral *Heliopora coerulea*. *Scientific data*, 10(1), 381.

Salazar OR, et al. (2022) The coral *Acropora loripes* genome reveals an alternative pathway for cysteine biosynthesis in animals. *Science advances*, 8(38), eabq0304.

Matt AS, et al. (2022) Extracellular carbonic anhydrase activity promotes a carbon concentration mechanism in metazoan calcifying cells. *Proceedings of the National Academy of Sciences of the United States of America*, 119(40), e2203904119.

Lin S, et al. (2022) Vitamin B12-auxotrophy in dinoflagellates caused by incomplete or absent cobalamin-independent methionine synthase genes (*metE*). *Fundamental research*, 2(5), 727.

Wang X, et al. (2021) The Evolution of Calcification in Reef-Building Corals. *Molecular biology and evolution*, 38(9), 3543.

Rangel-Yescas G, et al. (2021) Discovery and characterization of Hv1-type proton channels in reef-building corals. *eLife*, 10.

Afiq-Rosli L, et al. (2021) Barriers and corridors of gene flow in an urbanized tropical reef system. *Evolutionary applications*, 14(10), 2502.

Savary R, et al. (2021) Fast and pervasive transcriptomic resilience and acclimation of extremely heat-tolerant coral holobionts from the northern Red Sea. *Proceedings of the*

National Academy of Sciences of the United States of America, 118(19).

Hayward JA, et al. (2021) Divergent features of the coenzyme Q:cytochrome c oxidoreductase complex in *Toxoplasma gondii* parasites. *PLoS pathogens*, 17(2), e1009211.

Shinzato C, et al. (2021) Eighteen Coral Genomes Reveal the Evolutionary Origin of *Acropora* Strategies to Accommodate Environmental Changes. *Molecular biology and evolution*, 38(1), 16.

Zhou Y, et al. (2021) The First Draft Genome of a Cold-Water Coral *Trachythela* sp. (Alcyonacea: Stolonifera: Clavulariidae). *Genome biology and evolution*, 13(2).

Chuang PS, et al. (2021) Genetic changes involving the coral gastrovascular system support the transition between colonies and bailed-out polyps: evidence from a *Pocillopora acuta* transcriptome. *BMC genomics*, 22(1), 694.

Capasso L, et al. (2021) Intracellular pH regulation: characterization and functional investigation of H⁺ transporters in *Stylophora pistillata*. *BMC molecular and cell biology*, 22(1), 18.

Mason B, et al. (2021) AmAMP1 from *Acropora millepora* and damicornin define a family of coral-specific antimicrobial peptides related to the Shk toxins of sea anemones. *Developmental and comparative immunology*, 114, 103866.

Tandon K, et al. (2020) Comparative genomics: Dominant coral-bacterium *Endozoicomonas acroporae* metabolizes dimethylsulfoniopropionate (DMSP). *The ISME journal*, 14(5), 1290.