

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: 20260912T200215+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 43 mentions in open access literature.

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

Tandon K, et al. (2026) RNA-seq sheds light on "who is doing what" in the coral *Porites lutea*. *Microbiome*, 14(1).

Chowdhury S, et al. (2026) Conserved HSP60 structure with lineage- and context-specific regulation in cnidarians. *Life science alliance*, 9(9).

Jones VAS, et al. (2026) Integrins mediate symbiont-specific uptake in cnidarian larvae. *EMBO reports*, 27(2), 291.

Berdieva M, et al. (2026) RNA-Binding Proteins in Dinoflagellates. *International journal of molecular sciences*, 27(1).

Stick DJA, et al. (2026) Acute Heat Priming Dampens Gene Expression Response to Thermal Stress in a Widespread *Acropora* Coral. *Ecology and evolution*, 16(1), e72938.

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.

Huang H, et al. (2025) Brine Shrimp Feeding Contributes to Fast Growth and Enhanced Immune Capacity of Reattached Polyps of Scleractinian Coral *Pocillopora damicornis*. *Animals : an open access journal from MDPI*, 15(22).

Bell T, et al. (2025) Bioinformatic approach to explain how Mg from seawater may be incorporated into coral skeletons. *Royal Society open science*, 12(1), 232011.

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.

Maor-Landaw K, et al. (2023) The Molecular Mechanisms Employed by the Parasite *Myxobolus bejeranoi* (Cnidaria: Myxozoa) from Invasion through Sporulation for Successful Proliferation in Its Fish Host. *International journal of molecular sciences*, 24(16).

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

Hososhima S, et al. (2022) Proton-transporting heliorhodopsins from marine giant viruses. *eLife*, 11.

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.

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