Complete chloroplast genome of an endophytic *Ostreobium* sp. (Ostreobiaceae) from the U.S. Virgin Islands

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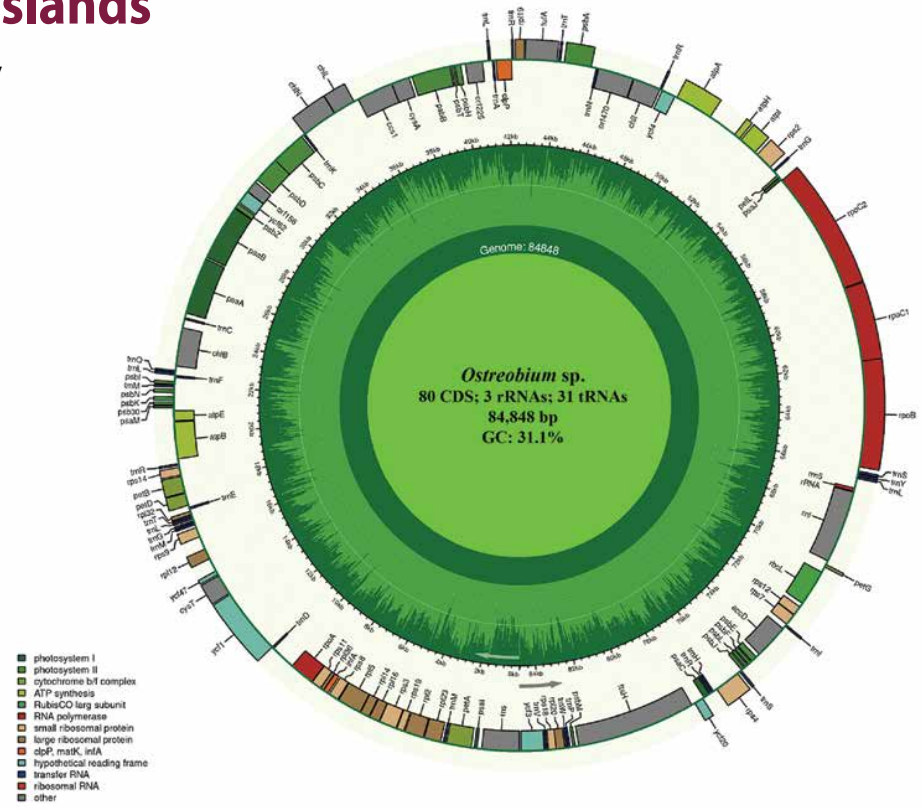

Ostreobium Bornet & Flahault is a siphonous marine green algal symbiont with three currently recognized species. *Ostreobium* plays an important role in decalcification and providing photosynthates to the corals, especially during bleaching events. *Ostreobium* also occurs as an endophyte in various crustose coralline algae. Twelve complete *Ostreobium* chloroplast genomes isolated from corals have been sequenced. Here, we present the complete chloroplast genome sequence of an endophytic *Ostreobium* sp. isolated from a 19th Century coralline red algal specimen from St. Croix, U.S. Virgin Islands. The chloroplast genome is 84,848 bp in length, contains 114 genes and has a high level of gene synteny to other Ostreobiaceae.