## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

**Description:** Assigned taxonomy for detected Ashmore Reef fishes, including Codes for Australian Aquatic Biota (CAAB), site, location, date, identities, Genbank accession number, sequence, link to accessible data, number of reads and primer.

File name: Supplementary Data 2

**Description:** Assigned taxonomy for detected Daw Island fishes, including Codes for Australian Aquatic Biota (CAAB), site, location, date, identities, Genbank accession number, sequence, link to accessible data, number of reads and primer.