**Appendix I** – List of Operational Taxonomic Units (OTUs) recovered from fish gut contents. BIOCODE reference specimen number or GENBANK accession number are indicated only when sequence similarity with reference barcode sequence was >98% (using BLASTn search) (Machida et al., 2009; Plaisance et al., 2009). When sequence similarity to a reference barcode was < 98%, we used the Bayesian assignment tool implemented in SAP to assign each OTU to a higher taxonomic group. Photographs and additional information about BIOCODE reference specimens can be obtained at http://biocode.berkeley.edu. The number of sequences for each OTU is provided in the table. \* indicates prey items consisting of >1% of either of the three species diets according to the relative abundance of reads.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **OTU ID** | ***Paracirrhites arcatus*** | ***Neocirrhites armatus*** | ***Caracanthus maculatus*** | **Class** | **Lowest taxon** | **BIOCODE #** | **GENBANK #** |
| **X157\*** | 241 | 1 | 0 | Polychaeta | Polychaeta | BMOO\_02632 |  |
| **X171\*** | 0 | 179 | 0 | Polychaeta | Syllidae |  |  |
| **X114** | 127 | 0 | 1 | Polychaeta | Polynoidae | BMOO\_17013 |  |
| **X175** | 115 | 0 | 0 | Polychaeta | Autolytinae | BMOO\_15029 |  |
| **X193** | 109 | 0 | 0 | Polychaeta | Polychaeta | BMOO\_07095 |  |
| **X152** | 0 | 33 | 0 | Polychaeta | Syllidae | BMOO\_14091 |  |
| **X3** | 0 | 28 | 0 | Polychaeta | Terebellidae | BMOO-04131 |  |
| **X66** | 0 | 17 | 0 | Polychaeta | Polynoidae | BMOO\_14209 |  |
| **X14** | 0 | 5 | 0 | Polychaeta | Polychaeta | XMOO\_1226 |  |
| **X307** | 4 | 0 | 0 | Polychaeta | Polychaeta |  |  |
| **X5** | 3 | 0 | 0 | Polychaeta | Nephtyidae |  |  |
| **X212** | 0 | 2 | 0 | Polychaeta | Ampharetidae |  |  |
| **X276** | 0 | 1 | 0 | Polychaeta | Cirratulidae |  |  |
| **X260** | 0 | 1 | 0 | Polychaeta | Notopygos | BMOO\_17088 |  |
| **X217** | 1 | 0 | 0 | Polychaeta | Polynoidae |  |  |
| **X219** | 1 | 0 | 0 | Polychaeta | Polychaeta |   |   |
| **X112\*** | 0 | 870 | 4 | Malacostraca | Fennera chacei | UF26315 |  |
| **X107\*** | 0 | 438 | 109 | Malacostraca | Gammaropsis | BMOO\_09698 | HM466409 |
| **X176\*** | 0 | 312 | 204 | Malacostraca | Amphilochus | BMOO\_10734 |  |
| **X87\*** | 18 | 412 | 0 | Malacostraca | Malacostraca |  |  |
| **X163\*** | 0 | 366 | 0 | Malacostraca | Santiidae |  |  |
| **X11\*** | 0 | 250 | 0 | Malacostraca | Malacostraca |  |  |
| **X140\*** | 0 | 240 | 5 | Malacostraca | Isopoda (parasite) | BMOO\_01004 |  |
| **X113\*** | 239 | 1 | 0 | Malacostraca | Maera | BMOO\_10864 | HM466481 |
| **X166\*** | 0 | 131 | 0 | Malacostraca | Isopoda | BMOO\_01640 |  |
| **X94** | 0 | 0 | 77 | Malacostraca | Munnidae | BMOO\_18598 |  |
| **X77** | 0 | 0 | 21 | Malacostraca | Amphipoda |  |  |
| **X73** | 20 | 0 | 0 | Malacostraca | Raoulserenea ornata | BMOO\_01078 | HM138806 |
| **X78** | 17 | 0 | 0 | Malacostraca | Bemlos waipio | BMOO\_10739 |  |
| **X29** | 14 | 1 | 0 | Malacostraca | Isopoda | XMOO\_1242 |  |
| **X68** | 2 | 12 | 0 | Malacostraca | Mysida | BMOO\_04351 |  |
| **X169** | 0 | 13 | 0 | Malacostraca | Amphipoda | XMOO\_1328 |  |
| **X1** | 0 | 5 | 0 | Malacostraca | Malacostraca |  |  |
| **X16** | 5 | 0 | 0 | Malacostraca | Malacostraca |  |  |
| **X242** | 0 | 4 | 0 | Malacostraca | Isopoda | BMOO\_18562 |  |
| **X25** | 1 | 3 | 0 | Malacostraca | Malacostraca |  |  |
| **X316** | 0 | 2 | 0 | Malacostraca | Anthuridea | BMOO-18243 |  |
| **X266** | 1 | 0 | 0 | Malacostraca | Lysiosquillidae | BMOO\_04814 |  |
| **X218** | 0 | 1 | 0 | Malacostraca | Tanaidacea | BMOO\_18256 |  |
| **X99\*** | 0 | 4 | 2047 | Malacostraca | Trapezia areolata | BMOO\_01054 | HM465972 |
| **X101\*** | 658 | 310 | 36 | Malacostraca | Trapezia serenei | BMOO\_01003 |  |
| **X95\*** | 726 | 1 | 0 | Malacostraca | Trapezia bidentata | BMOO\_01005 | GQ260917 |
| **X148\*** | 0 | 4 | 351 | Malacostraca | Trapezia rufopunctata | BMOO\_03802 | GQ260918 |
| **X118\*** | 190 | 131 | 0 | Malacostraca | Hapalocarcinus | BMOO\_01369 |  |
| **X198\*** | 0 | 0 | 34 | Malacostraca | Trapeziidae |  |  |
| **X304\*** | 0 | 0 | 1 | Malacostraca | Harpiliopsis beaupresii | BMOO\_00021 |  |
| **X58\*** | 966 | 975 | 0 | Malacostraca | Decapoda |  |  |
| **X181\*** | 1651 | 0 | 16 | Malacostraca | Galathea mauritiana | BMOO\_01062 | GQ260872 |
| **X75\*** | 1462 | 0 | 1 | Malacostraca | Pilodius pugil | BMOO-00480 |  |
| **X119\*** | 1293 | 0 | 0 | Malacostraca | Menaethius monoceros | BMOO\_00546 |  |
| **X134\*** | 1002 | 0 | 0 | Malacostraca | Caridea | plate\_M023\_F10 |
| **X83\*** | 0 | 0 | 980 | Malacostraca | Phylladiorhynchus integrirostris | BMOO\_01548 | GQ260881 |
| **X192\*** | 939 | 1 | 15 | Malacostraca | Brachyura larvae | BMOO\_11555 | HM465540 |
| **X160\*** | 948 | 0 | 0 | Malacostraca | Chlorodiella barbata | BMOO\_01186 | HM464355 |
| **X149\*** | 894 | 0 | 0 | Malacostraca | Atergatopsis germaini | BMOO\_12306 | HM750952 |
| **X109\*** | 712 | 0 | 1 | Malacostraca | Liocarpilodes integerrimus | BMOO\_01064 | HM465492 |
| **X79\*** | 1 | 0 | 661 | Malacostraca | Xanthias lamarcki | BMOO\_09901 |  |
| **X47\*** | 630 | 0 | 0 | Malacostraca | Petrolisthes | BMOO\_01333 | HM466562 |
| **X90\*** | 431 | 6 | 167 | Malacostraca | Alpheus dolerus | BMOO\_02620 | HM464905 |
| **X115\*** | 595 | 0 | 2 | Malacostraca | Pilodius flavus | BMOO\_03527 | GQ260927 |
| **X108\*** | 458 | 0 | 0 | Malacostraca | Palaemonella tenuipes | BMOO\_08993 | JQ180254 |
| **X121\*** | 0 | 0 | 422 | Malacostraca | Polynesoecetes kekeae | BMOO\_09594 |  |
| **X165\*** | 336 | 0 | 1 | Malacostraca | Hippolytidae | BMOO\_02247 | GQ260963 |
| **X71\*** | 0 | 0 | 288 | Malacostraca | Lachnopodus subacutus | BMOO\_03639 |  |
| **X144\*** | 249 | 3 | 0 | Malacostraca | Cuapetes ensifrons | BMOO\_02313 | HM465055 |
| **X123\*** | 251 | 1 | 0 | Malacostraca | Decapoda | BMOO\_03281 |  |
| **X72\*** | 0 | 0 | 237 | Malacostraca | Calcinus morgani | BMOO\_00304 | FJ620281 |
| **X110\*** | 0 | 0 | 237 | Malacostraca | Pagurixus | BMOO\_11439 | GQ260883 |
| **X139\*** | 0 | 184 | 0 | Malacostraca | Decapoda |  |  |
| **X178** | 172 | 0 | 0 | Malacostraca | Palaemonella rotumana | BMOO\_02250 | HM466624 |
| **X80** | 125 | 0 | 0 | Malacostraca | Manaethius monoceros | BMOO-01080 |  |
| **X156** | 97 | 0 | 0 | Malacostraca | Palmyria | BMOO\_01358 |  |
| **X173** | 84 | 0 | 0 | Malacostraca | Phylladiorhynchus | BMOO\_03262 |  |
| **X127** | 83 | 0 | 0 | Malacostraca |  |  |  |
| **X131** | 82 | 0 | 0 | Malacostraca | Perinia tumida | BMOO\_01063 | GQ260904 |
| **X186** | 0 | 0 | 69 | Malacostraca | Chlorodiella laevissima | BMOO\_01192 | GQ260919 |
| **X136** | 49 | 0 | 0 | Malacostraca | Cyclodius ungulatus | BMOO\_03030 | GQ260922 |
| **X82** | 36 | 0 | 0 | Malacostraca | Chlorodiella crispipleopa | BMOO\_00481 | JN107923 |
| **X179** | 28 | 0 | 0 | Malacostraca | Palaemonidae |  |  |
| **X155** | 27 | 0 | 0 | Malacostraca | Brachyura larvae | BMOO\_11536 |  |
| **X159** | 20 | 0 | 0 | Malacostraca | Actaeinae | BMOO\_03228 | GQ260944 |
| **X187** | 14 | 0 | 0 | Malacostraca | Decapoda |  |  |
| **X195** | 13 | 0 | 0 | Malacostraca | Pagurixus | BMOO\_11447 | GQ260879 |
| **X199** | 8 | 2 | 0 | Malacostraca | Decapoda |  |  |
| **X135** | 8 | 0 | 0 | Malacostraca | Pilodius | BMOO\_02878 | HM465964 |
| **X48** | 7 | 0 | 0 | Malacostraca | Thor | BMOO\_11404 | HM466585 |
| **X158** | 6 | 0 | 0 | Malacostraca | Galatheidae | XMOO\_0470 | GQ260875 |
| **X33** | 0 | 4 | 0 | Malacostraca | Pagurixus | BMOO\_11424 | GQ260885 |
| **X200** | 4 | 0 | 0 | Malacostraca | Decapoda |  |  |
| **X37** | 0 | 3 | 0 | Malacostraca | Alpheidae | DL305B | HM462708 |
| **X49** | 3 | 0 | 0 | Malacostraca | Pandalidae |  |  |
| **X273** | 2 | 0 | 0 | Malacostraca | Huenia | BMOO\_03531 |  |
| **X269** | 0 | 0 | 2 | Malacostraca | Paguridae |  |  |
| **X275** | 1 | 0 | 0 | Malacostraca | Jonesius triunguiculatus | BMOO\_00869 |  |
| **X243** | 1 | 0 | 0 | Malacostraca | Arete indicus | BMOO\_03254 |  |
| **X261** | 0 | 1 | 0 | Malacostraca | Paranamixis fijiensis | BMOO\_10322 |  |
| **X292** | 0 | 0 | 1 | Malacostraca | Decapoda |  |  |
| **X299** | 0 | 0 | 1 | Malacostraca | Decapoda |  |  |
| **X230** | 1 | 0 | 0 | Malacostraca | Palaemonidae |  |  |
| **X270** | 1 | 0 | 0 | Malacostraca | Palaemonidae |  |  |
| **X285** | 1 | 0 | 0 | Malacostraca | Decapoda |   |   |
| **X89\*** | 0 | 370 | 0 | Maxillopoda | Miraciidae |  |  |
| **X143\*** | 3 | 363 | 1 | Maxillopoda | Clausocalanus furcatus | HM045370 |
| **X182** | 0 | 112 | 0 | Maxillopoda | Maxillopoda |  |  |
| **X145** | 0 | 63 | 1 | Maxillopoda | Siphonostomatoida |  |  |
| **X174** | 0 | 18 | 41 | Maxillopoda | Clausocalanus minor |  | AF462313 |
| **X125** | 0 | 55 | 0 | Maxillopoda | Harpacticoida | BMOO-14006 |  |
| **X31** | 0 | 0 | 50 | Maxillopoda | Lithoglyptidae |  |  |
| **X26** | 35 | 0 | 0 | Maxillopoda | Calanoida |  |  |
| **X18** | 0 | 24 | 0 | Maxillopoda | Maxillopoda |  |  |
| **X45** | 0 | 21 | 0 | Maxillopoda | Calanoida |  |  |
| **X88** | 1 | 20 | 0 | Maxillopoda | Oncaeidae |  |  |
| **X317** | 0 | 13 | 0 | Maxillopoda | Poecilostomatoida |  |  |
| **X39** | 0 | 8 | 0 | Maxillopoda | Harpacticoida |  |  |
| **X15** | 0 | 5 | 0 | Maxillopoda | Harpacticoida |  |  |
| **X309** | 1 | 4 | 0 | Maxillopoda | Oncaeidae |  |  |
| **X305** | 3 | 1 | 0 | Maxillopoda | Acartia negligens |  | EU856813 |
| **X10** | 0 | 3 | 0 | Maxillopoda | Esola | BMOO\_17736 |  |
| **X308** | 0 | 3 | 0 | Maxillopoda | Harpacticus | BMOO\_18680 |  |
| **X85** | 3 | 0 | 0 | Maxillopoda | Maxillopoda |  |  |
| **X204** | 2 | 0 | 0 | Maxillopoda | Copepoda | BMOO\_02761 |  |
| **X311** | 2 | 0 | 0 | Maxillopoda | Corycaeus | BMOO\_18376 |  |
| **X231** | 1 | 1 | 0 | Maxillopoda | Oithonidae | BMOO\_19003 |  |
| **X233** | 1 | 0 | 0 | Maxillopoda | Temora discaudata |  | EU599555 |
| **X253** | 1 | 0 | 0 | Maxillopoda | Clausocalanus arcuicornis | GU171292 |
| **X251** | 1 | 0 | 0 | Maxillopoda | Candacia ethiopica |  | HM045297 |
| **X227** | 0 | 1 | 0 | Maxillopoda | Miraciidae |  |  |
| **X237** | 1 | 0 | 0 | Maxillopoda | Maxillopoda |  |  |
| **X254** | 1 | 0 | 0 | Maxillopoda | Verrucidae |  |  |
| **X277** | 1 | 0 | 0 | Maxillopoda | Maxillopoda |  |  |
| **X300** | 1 | 0 | 0 | Maxillopoda | Oncaeidae |   |   |
| **X225** | 0 | 1 | 0 | Gymnolaemata | Margaretta | BMOO\_07683 |   |
| **X20** | 0 | 4 | 0 | Sagittoidea | Sagittidae |  |  |
| **X124\*** | 1947 | 116 | 0 | Actinopterygii | Stegastes nigricans | MParis0230 | JQ432167 |
| **X105\*** | 1745 | 5 | 0 | Actinopterygii | Cirripectes variolosus | MParis0213 | JQ431649 |
| **X141\*** | 1144 | 2 | 0 | Actinopterygii | Chromis vanderbilti | MParis0195 | JF434898 |
| **X117\*** | 987 | 24 | 0 | Actinopterygii | Gobiidae | FLMOO\_1258 |  |
| **X100\*** | 467 | 0 | 0 | Actinopterygii | Eviota disrupta | MParis0174 | JQ431734 |
| **X168\*** | 317 | 0 | 0 | Actinopterygii | Perciformes |  |  |
| **X52** | 200 | 26 | 0 | Actinopterygii | Nemichthys |  |  |
| **X172** | 3 | 93 | 0 | Actinopterygii | Chromis viridis | MParis523 | FJ583167 |
| **X55** | 83 | 0 | 0 | Actinopterygii | Chaetodon trichrous | MParis608 | JF434814 |
| **X70** | 72 | 0 | 0 | Actinopterygii | Enchelyurus ater | MParis0255 | JQ431707 |
| **X188** | 44 | 0 | 27 | Actinopterygii | Sebastapistes tinkhami | MParis0210 | JQ432148 |
| **X84** | 0 | 38 | 0 | Actinopterygii | Thalassoma hardwicke | Mp0405 | JQ432194 |
| **X150** | 24 | 0 | 0 | Actinopterygii | Gomphosus varius | Mp0407 | JF434980 |
| **X137** | 4 | 0 | 20 | Actinopterygii | Dascyllus flavicaudus | MParis0021 | JQ431678 |
| **X40** | 1 | 15 | 0 | Actinopterygii | Caranx melampygus | Mparis1047 | JF493040 |
| **X56** | 2 | 12 | 0 | Actinopterygii | Scarus psittacus | MBIO890 | JQ432113 |
| **X86** | 10 | 0 | 0 | Actinopterygii | Eviota | Mparis0094 |  |
| **X69** | 0 | 9 | 0 | Actinopterygii | Apogon nigrofasciatus | MParis317 | JQ431447 |
| **X205** | 5 | 4 | 0 | Actinopterygii | Scarus globiceps | MParis600 | JQ432101 |
| **X74** | 1 | 4 | 3 | Actinopterygii | Pseudocheilinus hexataenia | MParis0075 | FJ583970 |
| **X287** | 2 | 4 | 0 | Actinopterygii | Chlorurus sordidus | MParis0314 | JQ431622 |
| **X67** | 6 | 0 | 0 | Actinopterygii | Pomachromis fuscidorsalis  | MParis650 | JF435137 |
| **X313** | 5 | 0 | 0 | Actinopterygii | Dascyllus aruanus | Mp0390 | JQ431674 |
| **X60** | 0 | 5 | 0 | Actinopterygii | Amblycirrhitus bimacula | MParis0858 | JQ431404 |
| **X61** | 0 | 4 | 0 | Actinopterygii | Plectroglyphidodon dickii | JQ350224 |
| **X297** | 0 | 2 | 0 | Actinopterygii | Decapterus macarellus | FLMOO\_848 | JF493337 |
| **X264** | 2 | 0 | 0 | Actinopterygii | Plectroglyphidodon johnstonianus | MParis0050 | JQ432008 |
| **X310** | 2 | 0 | 0 | Actinopterygii | Halichoeres hortulanus | MParis0062 | FJ583505 |
| **X286** | 2 | 0 | 0 | Actinopterygii | Ctenochaetus striatus | Mparis0090 | HM034214 |
| **X282** | 1 | 0 | 0 | Actinopterygii | Zebrasoma scopas | MParis0106 | HM034286 |
| **X288** | 0 | 1 | 0 | Actinopterygii | Cheilopogon pitcairnensis | MParis0144 | JQ431616 |
| **X257** | 0 | 1 | 0 | Actinopterygii | Gymnothorax buroensis | MParis290 | JQ431790 |
| **X280** | 0 | 1 | 0 | Actinopterygii | Chromis margaritifer  | MParis739 | FJ583158 |
| **X268** | 1 | 0 | 0 | Actinopterygii | Caranx sexfasciatus | MParis764 | HQ560966 |
| **X185** | 0 | 56 | 0 | Ascidiacea | Enterogona |  |  |
| **X220** | 0 | 1 | 0 | Ascidiacea | Didemnidae |   |   |
| **X103\*** | 0 | 2814 | 3246 | Anthozoa | Pocillopora | BMOO\_02442 | AY139813 |
| **X30** | 0 | 5 | 0 | Anthozoa | Bunodeopsis medusoides | BMOO\_09018 |   |
| **X153\*** | 0 | 0 | 174 | Hydrozoa | Halopteris constricta | BMOO\_08729 |  |
| **X180** | 0 | 19 | 0 | Hydrozoa | Plumularia | BMOO\_08101 |  |
| **X34** | 7 | 0 | 0 | Hydrozoa | Agalmatidae |  |  |
| **X201** | 1 | 0 | 0 | Hydrozoa | Hydrozoa |  |  |
| **X247** | 1 | 0 | 0 | Dinophyceae | Azadinium poporum |   | FJ217817 |
| **X312** | 3 | 0 | 0 | Echinoidea | Echinoidea | BMOO\_03691 |  |
| **X130\*** | 254 | 0 | 0 | Ophiuroidea | Ophiactis | XMOO\_0453 | GU480578 |
| **X120** | 1 | 86 | 7 | Ophiuroidea | Ophiocoma pica | DL195 |  |
| **X267** | 1 | 0 | 0 | Prymnesiophyceae | Emiliania huxleyi |   | AY342361 |
| **X23** | 4 | 0 | 0 | Enteropneusta | Ptychoderidae |  |  |
| **X35** | 6 | 0 | 0 | Phaeophyceae | Sargassaceae |   |   |
| **X146** | 0 | 93 | 0 | Cephalopoda | Argonautidae |  |  |
| **X116\*** | 110 | 0 | 2358 | Gastropoda | Pascula muricata | BMOO\_01709 | FR853840 |
| **X97\*** | 3 | 0 | 2078 | Gastropoda | Drupa ricinus | BMOO\_02024 | EU391571 |
| **X132\*** | 0 | 0 | 787 | Gastropoda | Lienardia mighelsi | BMOO\_02576 |  |
| **X129\*** | 0 | 777 | 0 | Gastropoda | Dendropoma | BMOO\_09729 |  |
| **X197\*** | 0 | 249 | 0 | Gastropoda | Viriola incisa | BMOO\_03122 |  |
| **X142\*** | 0 | 180 | 0 | Gastropoda | Cerithiidae | BMOO\_04306 |  |
| **X122\*** | 0 | 160 | 0 | Gastropoda | Vitricithna marmorata | BMOO\_02586 |  |
| **X162\*** | 0 | 140 | 0 | Gastropoda | Cerithiidae |  |  |
| **X59** | 0 | 79 | 0 | Gastropoda | Phenacolepadidae | BMOO\_05161 |  |
| **X102** | 0 | 75 | 0 | Gastropoda | Petalifera | BMOO\_09252 |  |
| **X64** | 0 | 46 | 0 | Gastropoda | Gastropoda |  |  |
| **X65** | 0 | 18 | 0 | Gastropoda | Homalopoma maculosa | BMOO\_03487 | AY923944 |
| **X81** | 0 | 14 | 0 | Gastropoda | Cerithium | BMOO\_07780 |  |
| **X256** | 0 | 5 | 0 | Gastropoda | Haminoea natalensis | BMOO\_09273 |  |
| **X41** | 4 | 0 | 0 | Gastropoda | Stylocheilus striatus  | BMOO\_00533 | AF156156 |
| **X262** | 0 | 4 | 0 | Gastropoda | Stomatolina rubra | BMOO-18165 |  |
| **X51** | 4 | 0 | 0 | Gastropoda | Dendropoma |  |  |
| **X226** | 0 | 2 | 0 | Gastropoda | Dendropoma gregaria  | BMOO\_01542 |  |
| **X298** | 1 | 0 | 0 | Gastropoda | Monetaria caputdraconis | BMOO\_00989 | AY161643 |
| **X265** | 0 | 1 | 0 | Gastropoda | Cerithiidae | BMOO\_04307 |  |
| **X306** | 1 | 0 | 0 | Gastropoda | Monetaria annulus | BMOO\_09567 | DQ324060 |
| **X221** | 1 | 0 | 0 | Gastropoda | Dolabrifera dolabrifera | DL328 | AF156149 |
| **X278** | 1 | 0 | 0 | Gastropoda | Gastropoda |  |  |
| **X289** | 1 | 0 | 0 | Gastropoda | Vanikoridae |  |  |
| **X53** | 0 | 8 | 0 | Secernentea | Aphelenchoididae |   |   |
| **X202** | 2 | 0 | 0 | Secernentea | Camallanidae |  |  |
| **X2\*** | 21 | 0 | 222 | Cestoda | Cestoda |   |   |
| **X177** | 26 | 0 | 50 | Cestoda | Cestoda |  |  |
| **X12** | 12 | 0 | 0 | Trematoda | Trematoda |   |   |
| **X229** | 1 | 0 | 0 | Turbellaria | Turbellaria | BMOO\_02756 |   |
| **X138\*** | 1 | 188 | 0 | Demospongiae | Demospongiae |  |  |
| **X279** | 0 | 2 | 0 | Demospongiae  | Coelosphaeridae |  |  |
| **X281** | 0 | 1 | 0 | Demospongiae  | Clionaidae |  |  |
| **X252** | 0 | 0 | 1 | Compsopogonophyceae | Erythrotrichiaceae |   |   |
| **X151** | 107 | 0 | 0 | Florideophyceae | Gigartinales |  |  |
| **X54** | 3 | 0 | 0 | Florideophyceae | Ceramiales |  |  |
| **X283** | 0 | 0 | 2 | Florideophyceae | Titanoderma prototypum | HQ423070 |
| **X293** | 2 | 0 | 0 | Florideophyceae | Gelidiaceae |  |  |
| **X274** | 0 | 1 | 0 | Florideophyceae | Corallinaceae |  |  |
| **X294** | 0 | 1 | 0 | Florideophyceae | Corallinaceae |  |  |
| **X147\*** | 0 | 251 | 0 | N/A | Sipuncula | BMOO\_02829 |   |
| **X236** | 0 | 2 | 0 | N/A | Sipuncula | BMOO\_02415 |   |
| **X96\*** | 20 | 296 | 907 | Unidentified | Unidentified |  |  |
| **X93\*** | 587 | 0 | 10 | Unidentified | Unidentified |  |  |
| **X38\*** | 1 | 548 | 0 | Unidentified | Unidentified |  |  |
| **X133\*** | 0 | 446 | 0 | Unidentified | Unidentified |  |  |
| **X196\*** | 0 | 167 | 0 | Unidentified | Unidentified |  |  |
| **X104** | 0 | 101 | 0 | Unidentified | Unidentified |  |  |
| **X91** | 0 | 0 | 91 | Unidentified | Unidentified |  |  |
| **X42** | 83 | 0 | 0 | Unidentified | Unidentified |  |  |
| **X24** | 0 | 52 | 0 | Unidentified | Unidentified |  |  |
| **X6** | 0 | 42 | 0 | Unidentified | Unidentified |  |  |
| **X154** | 0 | 30 | 0 | Unidentified | Unidentified |  |  |
| **X183** | 9 | 10 | 9 | Unidentified | Unidentified |  |  |
| **X189** | 0 | 25 | 0 | Unidentified | Unidentified |  |  |
| **X13** | 0 | 21 | 0 | Unidentified | Unidentified |  |  |
| **X27** | 0 | 16 | 0 | Unidentified | Unidentified |  |  |
| **X9** | 0 | 0 | 13 | Unidentified | Unidentified |  |  |
| **X22** | 12 | 0 | 0 | Unidentified | Unidentified |  |  |
| **X194** | 0 | 11 | 0 | Unidentified | Unidentified |  |  |
| **X46** | 0 | 10 | 0 | Unidentified | Unidentified |  |  |
| **X62** | 0 | 10 | 0 | Unidentified | Unidentified |  |  |
| **X43** | 0 | 0 | 10 | Unidentified | Unidentified |  |  |
| **X4** | 0 | 7 | 0 | Unidentified | Unidentified |  |  |
| **X167** | 7 | 0 | 0 | Unidentified | Unidentified |  |  |
| **X19** | 0 | 0 | 6 | Unidentified | Unidentified |  |  |
| **X36** | 0 | 5 | 0 | Unidentified | Unidentified |  |  |
| **X63** | 0 | 5 | 0 | Unidentified | Unidentified |  |  |
| **X314** | 3 | 2 | 0 | Unidentified | Unidentified |  |  |
| **X7** | 0 | 4 | 0 | Unidentified | Unidentified |  |  |
| **X28** | 0 | 3 | 0 | Unidentified | Unidentified |  |  |
| **X32** | 0 | 3 | 0 | Unidentified | Unidentified |  |  |
| **X214** | 0 | 3 | 0 | Unidentified | Unidentified |  |  |
| **X258** | 0 | 3 | 0 | Unidentified | Unidentified |  |  |
| **X245** | 0 | 0 | 3 | Unidentified | Unidentified |  |  |
| **X208** | 0 | 2 | 0 | Unidentified | Unidentified |  |  |
| **X210** | 0 | 2 | 0 | Unidentified | Unidentified |  |  |
| **X222** | 0 | 2 | 0 | Unidentified | Unidentified |  |  |
| **X223** | 0 | 2 | 0 | Unidentified | Unidentified |  |  |
| **X232** | 0 | 2 | 0 | Unidentified | Unidentified |  |  |
| **X244** | 0 | 2 | 0 | Unidentified | Unidentified |  |  |
| **X250** | 0 | 2 | 0 | Unidentified | Unidentified |  |  |
| **X319** | 0 | 2 | 0 | Unidentified | Unidentified |  |  |
| **X296** | 2 | 0 | 0 | Unidentified | Unidentified |  |  |
| **X315** | 2 | 0 | 0 | Unidentified | Unidentified |  |  |
| **X207** | 0 | 1 | 0 | Unidentified | Unidentified |  |  |
| **X211** | 0 | 1 | 0 | Unidentified | Unidentified |  |  |
| **X228** | 0 | 1 | 0 | Unidentified | Unidentified |  |  |
| **X234** | 0 | 1 | 0 | Unidentified | Unidentified |  |  |
| **X235** | 0 | 1 | 0 | Unidentified | Unidentified |  |  |
| **X241** | 0 | 1 | 0 | Unidentified | Unidentified |  |  |
| **X249** | 0 | 1 | 0 | Unidentified | Unidentified |  |  |
| **X259** | 0 | 1 | 0 | Unidentified | Unidentified |  |  |
| **X215** | 0 | 0 | 1 | Unidentified | Unidentified |  |  |
| **X216** | 0 | 0 | 1 | Unidentified | Unidentified |  |  |
| **X224** | 0 | 0 | 1 | Unidentified | Unidentified |  |  |
| **X240** | 0 | 0 | 1 | Unidentified | Unidentified |  |  |
| **X246** | 0 | 0 | 1 | Unidentified | Unidentified |  |  |
| **X248** | 0 | 0 | 1 | Unidentified | Unidentified |  |  |
| **X271** | 0 | 0 | 1 | Unidentified | Unidentified |  |  |
| **X295** | 0 | 0 | 1 | Unidentified | Unidentified |  |  |
| **X301** | 0 | 0 | 1 | Unidentified | Unidentified |  |  |
| **X302** | 0 | 0 | 1 | Unidentified | Unidentified |  |  |
| **X203** | 1 | 0 | 0 | Unidentified | Unidentified |  |  |
| **X238** | 1 | 0 | 0 | Unidentified | Unidentified |  |  |
| **X239** | 1 | 0 | 0 | Unidentified | Unidentified |  |  |
| **X263** | 1 | 0 | 0 | Unidentified | Unidentified |  |  |
| **X290** | 1 | 0 | 0 | Unidentified | Unidentified |  |  |
| **X291** | 1 | 0 | 0 | Unidentified | Unidentified |  |  |