Table S4 : list of the 113 species, ordered by family, detected in the 99 eDNA samples. The *Reserve* and *Outside* columns indicate the number of sites (maximum nine) where the species was detected. Species classified VU, EN or CR on the IUCN Red List are highlighted in red.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Species | Order | Family | Genus | Reserve | Outside |
| *Apogon imberbis* | Kurtiformes | Apogonidae | Apogon | 4 | 6 |
| *Atherina boyeri* | Atheriniformes | Atherinidae | Atherina | 1 | 0 |
| *Balistes capriscus* | Tetraodontiformes | Balistidae | Balistes | 0 | 1 |
| *Belone belone* | Beloniformes | Belonidae | Belone | 5 | 9 |
| *Aidablennius sphynx* | Blenniiformes | Blenniidae | Aidablennius | 0 | 1 |
| *Blennius ocellaris* | Blenniiformes | Blenniidae | Blennius | 1 | 1 |
| *Lipophrys trigloides* | Blenniiformes | Blenniidae | Lipophrys | 7 | 7 |
| *Parablennius gattorugine* | Blenniiformes | Blenniidae | Parablennius | 7 | 6 |
| *Parablennius incognitus* | Blenniiformes | Blenniidae | Parablennius | 7 | 8 |
| *Parablennius pilicornis* | Blenniiformes | Blenniidae | Parablennius | 2 | 4 |
| *Parablennius rouxi* | Blenniiformes | Blenniidae | Parablennius | 0 | 2 |
| *Salaria pavo* | Blenniiformes | Blenniidae | Salaria | 0 | 1 |
| *Seriola dumerili* | Carangiformes | Carangidae | Seriola | 5 | 5 |
| *Trachinotus ovatus* | Carangiformes | Carangidae | Trachinotus | 0 | 1 |
| *Trachurus picturatus* | Carangiformes | Carangidae | Trachurus | 1 | 0 |
| *Prionace glauca* | Carcharhiniformes | Carcharhinidae | Prionace | 1 | 1 |
| *Macroramphosus scolopax* | Syngnathiformes | Centriscidae | Macroramphosus | 0 | 1 |
| *Cepola macrophthalma* | Priacanthiformes | Cepolidae | Cepola | 1 | 0 |
| *Sardina pilchardus* | Clupeiformes | Clupeidae | Sardina | 5 | 7 |
| *Sardinella aurita* | Clupeiformes | Clupeidae | Sardinella | 6 | 8 |
| *Conger conger* | Anguilliformes | Congridae | Conger | 4 | 5 |
| *Bathytoshia lata* | Myliobatiformes | Dasyatidae | Bathytoshia | 0 | 1 |
| *Dasyatis pastinaca* | Myliobatiformes | Dasyatidae | Dasyatis | 1 | 1 |
| *Dasyatis tortonesei* | Myliobatiformes | Dasyatidae | Dasyatis | 1 | 2 |
| *Pteroplatytrygon violacea* | Myliobatiformes | Dasyatidae | Pteroplatytrygon | 1 | 0 |
| *Encrasicholina punctifer* | Clupeiformes | Engraulidae | Encrasicholina | 0 | 1 |
| *Engraulis encrasicolus* | Clupeiformes | Engraulidae | Engraulis | 9 | 7 |
| *Etmopterus spinax* | Squaliformes | Etmopteridae | Etmopterus | 0 | 1 |
| *Micromesistius poutassou* | Gadiformes | Gadidae | Micromesistius | 0 | 1 |
| *Gaidropsarus mediterraneus* | Gadiformes | Gaidropsaridae | Gaidropsarus | 3 | 4 |
| *Lepadogaster candolii* | Blenniiformes | Gobiesocidae | Lepadogaster | 7 | 6 |
| *Lepadogaster lepadogaster* | Blenniiformes | Gobiesocidae | Lepadogaster | 3 | 5 |
| *Corcyrogobius liechtensteini* | Gobiiformes | Gobiidae | Corcyrogobius | 0 | 2 |
| *Deltentosteus collonianus* | Gobiiformes | Gobiidae | Deltentosteus | 0 | 1 |
| *Gammogobius steinitzi* | Gobiiformes | Gobiidae | Gammogobius | 0 | 1 |
| *Gobius ater* | Gobiiformes | Gobiidae | Gobius | 4 | 6 |
| *Gobius bucchichi* | Gobiiformes | Gobiidae | Gobius | 4 | 6 |
| *Gobius cobitis* | Gobiiformes | Gobiidae | Gobius | 0 | 1 |
| *Gobius cruentatus* | Gobiiformes | Gobiidae | Gobius | 0 | 1 |
| *Gobius niger* | Gobiiformes | Gobiidae | Gobius | 1 | 4 |
| *Gobius paganellus* | Gobiiformes | Gobiidae | Gobius | 0 | 1 |
| *Gobius xanthocephalus* | Gobiiformes | Gobiidae | Gobius | 2 | 3 |
| *Odondebuenia balearica* | Gobiiformes | Gobiidae | Odondebuenia | 0 | 1 |
| *Pomatoschistus microps* | Gobiiformes | Gobiidae | Pomatoschistus | 1 | 0 |
| *Pseudaphya ferreri* | Gobiiformes | Gobiidae | Pseudaphya | 1 | 0 |
| *Zebrus zebrus* | Gobiiformes | Gobiidae | Zebrus | 5 | 5 |
| *Zosterisessor ophiocephalus* | Gobiiformes | Gobiidae | Zosterisessor | 0 | 1 |
| *Coris julis* | Labriformes | Labridae | Coris | 9 | 9 |
| *Ctenolabrus rupestris* | Labriformes | Labridae | Ctenolabrus | 0 | 1 |
| *Symphodus bailloni* | Labriformes | Labridae | Symphodus | 2 | 2 |
| *Symphodus ocellatus* | Labriformes | Labridae | Symphodus | 6 | 6 |
| *Symphodus tinca* | Labriformes | Labridae | Symphodus | 8 | 9 |
| *Thalassoma pavo* | Labriformes | Labridae | Thalassoma | 5 | 8 |
| *Xyrichtys novacula* | Labriformes | Labridae | Xyrichtys | 0 | 2 |
| *Lophius budegassa* | Lophiiformes | Lophiidae | Lophius | 0 | 1 |
| *Merluccius merluccius* | Gadiformes | Merlucciidae | Merluccius | 2 | 2 |
| *Mola mola* | Tetraodontiformes | Molidae | Mola | 3 | 2 |
| *Dicentrarchus labrax* | Eupercaria | Moronidae | Dicentrarchus | 6 | 7 |
| *Chelon auratus* | Mugiliformes | Mugilidae | Chelon | 5 | 6 |
| *Chelon labrosus* | Mugiliformes | Mugilidae | Chelon | 6 | 6 |
| *Chelon ramada* | Mugiliformes | Mugilidae | Chelon | 2 | 2 |
| *Mugil cephalus* | Mugiliformes | Mugilidae | Mugil | 1 | 2 |
| *Oedalechilus labeo* | Mugiliformes | Mugilidae | Oedalechilus | 7 | 8 |
| *Mullus barbatus* | Syngnathiformes | Mullidae | Mullus | 7 | 8 |
| *Mullus surmuletus* | Syngnathiformes | Mullidae | Mullus | 4 | 7 |
| *Muraena helena* | Anguilliformes | Muraenidae | Muraena | 8 | 9 |
| *Ceratoscopelus maderensis* | Myctophiformes | Myctophidae | Ceratoscopelus | 3 | 2 |
| *Lampanyctus crocodilus* | Myctophiformes | Myctophidae | Lampanyctus | 0 | 1 |
| *Myctophum punctatum* | Myctophiformes | Myctophidae | Myctophum | 3 | 3 |
| *Mobula mobular* | Myliobatiformes | Myliobatidae | Mobula | 1 | 2 |
| *Myliobatis aquila* | Myliobatiformes | Myliobatidae | Myliobatis | 0 | 1 |
| *Chromis chromis* | Ovalentaria | Pomacentridae | Chromis | 9 | 9 |
| *Pomatomus saltatrix* | Scombriformes | Pomatomidae | Pomatomus | 1 | 2 |
| *Sciaena umbra* | Eupercaria | Sciaenidae | Sciaena | 4 | 7 |
| *Euthynnus alletteratus* | Scombriformes | Scombridae | Euthynnus | 0 | 4 |
| *Sarda sarda* | Scombriformes | Scombridae | Sarda | 2 | 5 |
| *Scomber scombrus* | Scombriformes | Scombridae | Scomber | 1 | 1 |
| *Scorpaena notata* | Perciformes | Scorpaenidae | Scorpaena | 3 | 4 |
| *Scorpaena porcus* | Perciformes | Scorpaenidae | Scorpaena | 6 | 8 |
| *Scorpaena scrofa* | Perciformes | Scorpaenidae | Scorpaena | 2 | 2 |
| *Anthias anthias* | Perciformes | Serranidae | Anthias | 4 | 5 |
| *Epinephelus marginatus* | Perciformes | Serranidae | Epinephelus | 4 | 4 |
| *Serranus cabrilla* | Perciformes | Serranidae | Serranus | 6 | 5 |
| *Serranus hepatus* | Perciformes | Serranidae | Serranus | 2 | 3 |
| *Serranus scriba* | Perciformes | Serranidae | Serranus | 7 | 8 |
| *Pegusa nasuta* | Pleuronectiformes | Soleidae | Pegusa | 0 | 2 |
| *Boops boops* | Spariformes | Sparidae | Boops | 9 | 9 |
| *Diplodus annularis* | Spariformes | Sparidae | Diplodus | 7 | 8 |
| *Diplodus cervinus* | Spariformes | Sparidae | Diplodus | 2 | 2 |
| *Diplodus puntazzo* | Spariformes | Sparidae | Diplodus | 6 | 8 |
| *Diplodus sargus* | Spariformes | Sparidae | Diplodus | 7 | 8 |
| *Diplodus vulgaris* | Spariformes | Sparidae | Diplodus | 7 | 8 |
| *Lithognathus mormyrus* | Spariformes | Sparidae | Lithognathus | 2 | 6 |
| *Oblada melanura* | Spariformes | Sparidae | Oblada | 9 | 9 |
| *Pagellus acarne* | Spariformes | Sparidae | Pagellus | 1 | 2 |
| *Pagellus bogaraveo* | Spariformes | Sparidae | Pagellus | 4 | 5 |
| *Pagellus erythrinus* | Spariformes | Sparidae | Pagellus | 3 | 4 |
| *Sarpa salpa* | Spariformes | Sparidae | Sarpa | 8 | 8 |
| *Sparus aurata* | Spariformes | Sparidae | NA | 7 | 7 |
| *Spondyliosoma cantharus* | Spariformes | Sparidae | Spondyliosoma | 3 | 6 |
| *Sphyraena sphyraena* | Carangaria | Sphyraenidae | Sphyraena | 3 | 2 |
| *Sphyraena viridensis* | Carangaria | Sphyraenidae | Sphyraena | 4 | 4 |
| *Hippocampus hippocampus* | Syngnathiformes | Syngnathidae | Hippocampus | 1 | 0 |
| *Synodus saurus* | Aulopiformes | Synodontidae | Synodus | 2 | 0 |
| *Torpedo marmorata* | Torpediniformes | Torpedinidae | Torpedo | 2 | 1 |
| *Mustelus mustelus* | Carcharhiniformes | Triakidae | Mustelus | 0 | 1 |
| *Trichiurus lepturus* | Scombriformes | Trichiuridae | Trichiurus | 1 | 0 |
| *Tripterygion delaisi* | Blenniiformes | Tripterygiidae | Tripterygion | 4 | 5 |
| *Tripterygion melanurum* | Blenniiformes | Tripterygiidae | Tripterygion | 6 | 6 |
| *Tripterygion tripteronotum* | Blenniiformes | Tripterygiidae | Tripterygion | 7 | 8 |
| *Uranoscopus scaber* | Uranoscopiformes | Uranoscopidae | Uranoscopus | 1 | 5 |
| *Xiphias gladius* | Istiophoriformes | Xiphiidae | Xiphias | 2 | 2 |
| *Zeus faber* | Zeiformes | Zeidae | Zeus | 0 | 1 |