**Table S3:** list of freshwater and non-Mediterranean species removed from the taxonomic assignations during the bioinformatic treatment of eDNA data. Distribution was recorded from FishBase.

|  |  |  |  |
| --- | --- | --- | --- |
| Species | Habitat | Distribution | NCBI Teleo sequences |
| *Barbus barbus* | Freshwater | Europe | CCCCGTCAAAATGCACCAAAATACCTAATGCAACAGCACTGACAAGGGGAGGCAAGTCGTAA |
| *Cololabis saira* | Marine | North Pacific | CCCCAAAAATAAACCTTAAATAATTAATCAATTAAATTAATAAAGGGGAGGCAAGTCGTAA |
| *Gambusia holbrooki* | Freshwater | Southern Europe & North America | CCCCAAGTTCTTATACATTAATAACTAATACCCCACCAGAACAAAGGGGAGGCAAGTCGTAA |
|  |  | CCCCAAGTTCTTATACATTAATAACTAATACCCCCCCAGAACAAAGGGGAGGCAAGTCGTAA |
| *Sardinella longiceps* | Marine | Indian Ocean | CCCCAACAGCATAACAACTAGTTATTTGACCCAAATAACAGCTACAAAGGGGAGGCCAACTCCCGTAA |
|  |  | CCCCAACAGCATAACAACTAGTTATTTGACCCAAGAACAGCTACAAGGGGAGGCAAGTCGTAA |
|  |  | CCCCAACAGCATAACAACTAGTTATTTAACCCAAAAACAGCTACAAGGGGAGGCAAGTCGTAA |
|  |  | CCCCAACAGCATAACAACTAGTTATTTAACCCAAGAACAGCTACAAGGGGAGGCAAGTCGTAA |
|  |  | CCCCAACAGCATAACAACTAGTTATTTGACCCAAAAACAGCTACAAGGGGAGGCAAGTCGTAA |
| *Schedophilus velaini* | Marine | South Atlantic, Indian & Pacific | CCCCAAGCTCACAAGTTACACATAACTAAAATGCTATTAATTACGCGAAGGGGAGGCAAGTCGTAA |
| *Thunnus obesus* | Marine | Tropical & subtropical Atlantic, Indian & Pacific | CCCCAAGCTTACCAATTTATATATCTAAAACGCTTTAACTGCGAAGGGGAGGCAAGTCGTAA |