|  |  |  |  |
| --- | --- | --- | --- |
| **Species** | **N** | **GenBank Accession number** | **Reference** |
| *Prosorhynchoides apogonis* | 1 | KT213582 | Nolan *et al*., 2015 |
| *Prosorhynchoides borealis* | 2 | JN182210-11 | Eydal *et al*., 2013 |
| *Prosorhynchoides caecorum* | 2 | KT273392-93 | Nolan *et al*., 2015 |
| *Prosorhynchoides cutmorei* | 1 | MG953235 | Hammond *et al*., 2018 |
| *Prosorhynchoides galaktionovi* | 1 | MN310393 | Hammond *et al*., 2019 |
| *Prosorhynchoides karvei* | 1 | MH023424 | Choudhary and Agrawal, 2018 (unpublished) |
| *Prosorhynchoides kohnae* | 1 | MN310394 | Hammond *et al*., 2019 |
| *Prosorhynchoides longoviferus* | 1 | KT273387 | Nolan *et al*., 2015 |
| *Prosorhynchoides megacirrus* | 1 | KT273391 | Nolan *et al*., 2015 |
| *Prosorhynchoides moretonensis* | 1 | MG953233 | Hammond *et al*., 2018 |
| *Prosorhynchoides ovatus* | 1 | KT273399 | Nolan *et al*., 2015 |
| *Prosorhynchoides paralichthydis* | 1 | KT273398 | Nolan *et al*., 2015 |
| *Prosorhynchoides scomberomurus* | 2 | KT273388-89 | Nolan *et al*., 2015 |
| *Prosorhynchoides waeschenbachae* | 1 | MG953234 | Hammond *et al*., 2018 |
| *Prosorhynchoides* sp. | 3 | MF374318-20 | Mancini *et al*., 2018 |
| *Prosorhynchoides* sp. | 3 | LC498575, 77-78 | Shirakashi et al., 2020 |
| **Outgroup** |  |  |  |
| *Aenigmatrema grandiovum* | 1 | MT809228 | Corner *et al*., 2020 |
| *Aenigmatrema inopinatum* | 1 | MT809222 | Corner *et al*., 2020 |

**Supplementary Table 1.** List of *Prosorhynchoides* specie

References:

**Eydal M, Freeman MA, Kristmundsson Á, Bambir SH, Jónsson PM and Helgason S** (2013) Prosorhynchoides borealis Bartoli, Gibson & Bray, 2006 (Digenea: Bucephalidae) cercariae from Abra prismatica (Mollusca: Bivalvia) in Icelandic waters. Journal of Helminthology **87**, 34–41.

**Mancini E, Furfaro G, Cervelli M, Di Giulio A, Oliverio M, Salvi D and Mariottini P** (2018) Molecular detection of parasites (Trematoda, Digenea, Bucephalidae and Monorchiidae) in the European flat oyster Ostrea edulus (Mollusca: Bivalvia). The European Zoological Journal **85**, 8–16.

**Shikarashi S,Waki T and Ogawa K** (2020) Bucephalid metacercarial infection in wild larval and juvenile ayu Plecoglossus altivelis. Fish Pathology **54**, 93–100.

s and outgroup taxa used for ITS2 rDNA-based phylogenetic analysis