

Table S1. GenBank accession numbers of *Anisakis* larvae obtained from commercial fishes from the Canary Islands coast (Spain), examined during October 2020- December 2021.

<i>Anisakis</i> larva ID	Fish species	ITS1	mtDNA <i>cox2</i>	GenBank Access numbers
Y5	<i>Scomber scombrus</i>	<i>Anisakis simplex</i> (s.s.)	<i>Anisakis simplex</i> (s.s.)	ITS1: OM328182 mtDNA <i>cox2</i> : OM417318
Y32	<i>Scomber scombrus</i>	<i>Anisakis simplex</i> (s.s.)	<i>Anisakis simplex</i> (s.s.)	ITS1: OM328167 mtDNA <i>cox2</i> : OM417320
Y47	<i>Merluccius merluccius</i>	<i>Anisakis pegreffii</i>	<i>Anisakis pegreffii</i>	ITS1: OM328168 mtDNA <i>cox2</i> : OM417321
Y50	<i>Merluccius merluccius</i>	<i>Anisakis pegreffii</i>	<i>Anisakis pegreffii</i>	ITS1: OM328181 mtDNA <i>cox2</i> : OM417323
Y70	<i>Merluccius merluccius</i>	<i>Anisakis pegreffii</i>	<i>Anisakis pegreffii</i>	ITS1: OM328183 mtDNA <i>cox2</i> : OM417322
RANi26	<i>Merluccius merluccius</i>	<i>Anisakis simplex</i> (s.s.)	<i>Anisakis simplex</i> (s.s.)	ITS1: OM328178 mtDNA <i>cox2</i> : OM417311
RANi29	<i>Merluccius merluccius</i>	<i>Anisakis simplex</i> (s.s.)	<i>Anisakis simplex</i> x <i>Anisakis pegreffii</i>	ITS1: OM328179 mtDNA <i>cox2</i> : OM417312
RANi30	<i>Scomber colias</i>	<i>Anisakis physeteris</i>	No sequence obtained	ITS1: OM328180
RANi34	<i>Scomber colias</i>	<i>Anisakis nascettii</i>	<i>Anisakis nascettii</i>	ITS1: OM328166 mtDNA <i>cox2</i> : OM417315
RANi100	<i>Auxis thazard</i>	<i>Anisakis simplex</i> (s.s.)	<i>Anisakis simplex</i> (s.s.)	ITS1: OM328160 mtDNA <i>cox2</i> : OM417314
RANi101	<i>Auxis thazard</i>	<i>Anisakis simplex</i> (s.s.)	<i>Anisakis simplex</i> x <i>Anisakis pegreffii</i>	ITS1: OM328161 mtDNA <i>cox2</i> : OM417313
RANi102	<i>Auxis thazard</i>	<i>Anisakis simplex</i> (s.s.)	<i>Anisakis simplex</i> (s.s.)	ITS1: OM328162 mtDNA <i>cox2</i> : OM417319
RANi103	<i>Auxis thazard</i>	<i>Anisakis simplex</i> (s.s.)	<i>Anisakis simplex</i> (s.s.)	ITS1: OM328163 mtDNA <i>cox2</i> : OM417316
RANi105	<i>Auxis thazard</i>	<i>Anisakis pegreffii</i>	<i>Anisakis pegreffii</i>	ITS1: OM328164 mtDNA <i>cox2</i> : OM417325
RANi106	<i>Auxis thazard</i>	<i>Anisakis simplex</i> (s.s.)	<i>Anisakis simplex</i> (s.s.)	ITS1: OM328159 mtDNA <i>cox2</i> : OM417317
RANi107	<i>Auxis thazard</i>	<i>Anisakis typica</i>	<i>Anisakis typica</i>	ITS1: OM328165 mtDNA <i>cox2</i> : OM417324