

Appendix Accession number of *Squalus* spp sequences from the FISHBOL database, geographical origin and bibliographic references.

Reference sequences	Location	Bibliographic reference
DSFSF354-09 <i>Squalus mitsukurii</i> COI-5P JF494589	South Africa, Agulhas Bank	Steinke D, Zemlak TS, Connel AD, et al., ^{8,20}
DSFSF355-09 <i>Squalus mitsukurii</i> COI-5P JF494587	South Africa, Agulhas Bank	Steinke D, Zemlak TS, Connel AD, et al., ^{8,20}
DSFSF356-09 <i>Squalus mitsukurii</i> COI-5P JF494588	South Africa, Agulhas Bank	Steinke D, Zemlak TS, Connel AD, et al., ^{8,20}
DSFSG932-13 <i>Squalus mitsukurii</i> COI-5P KU176446	Canada	Steinke D, Connell AD, and Hebert P ²⁰
FARG333-07 <i>Squalus mitsukurii</i> COI-5P EU074611	Uruguay	Mabragaña E, Díaz de A, Hanner R, et al. ³⁰
FARG335-07 <i>Squalus mitsukurii</i> COI-5P EU074610	Uruguay	Mabragaña E, Díaz de A, Hanner R, et al. ³⁰
GNSHK096-08 <i>Squalus mitsukurii</i> COI-5P	South of Brasil	BOLD, by Robert Hanner
GNSHK097-08 <i>Squalus mitsukurii</i> COI-5P	South of Brasil	BOLD, by Robert Hanner
GNSHK100-08 <i>Squalus mitsukurii</i> COI-5P	South of Brasil	BOLD, by Robert Hanner
KP267661-1 <i>Squalus mitsukurii</i> COI-5P	South China Sea	Li and Lin (Unpublished)
FOAN1023-11 <i>Squalus mitsukurii</i> COI-5P	Tongkang (SW Taiwán)	w/ref
FOAN1022-11 <i>Squalus mitsukurii</i> COI-5P	Tongkang (SW Taiwán)	w/ref
FOAN1024-11 <i>Squalus mitsukurii</i> COI-5P	Tongkang (SW Taiwán)	w/ref
ANGBF13744-18 <i>Squalus acanthias</i> COI-5P KU737921	Chile	w/ref
ELAME360-09 <i>Squalus acanthias</i> COI-5P GU805471	Italy	w/ref
ELAME361-09 <i>Squalus acanthias</i> COI-5P GU805472	Italy	w/ref
ELAME362-09 <i>Squalus acanthias</i> COI-5P GU805469	Italy	w/ref
FARG199-06 <i>Squalus acanthias</i> COI-5P EU074609	Patagonia (Argentina)	Mabragaña E, Díaz de A, Hanner R, et al. ³⁰
FARG201-06 <i>Squalus acanthias</i> COI-5P EU074607	Patagonia (Argentina)	Mabragaña E, Díaz de A, Hanner R, et al. ³⁰
FARG202-06 <i>Squalus acanthias</i> COI-5P EU074601	Patagonia (Argentina)	Mabragaña E, Díaz de A, Hanner R, et al. ³⁰
FARG203-06 <i>Squalus acanthias</i> COI-5P EU074605	Patagonia (Argentina)	Mabragaña E, Díaz de A, Hanner R, et al. ³⁰
FARG204-06 <i>Squalus acanthias</i> COI-5P EU074606	Patagonia (Argentina)	Mabragaña E, Díaz de A, Hanner R, et al. ³⁰
FARG205-06 <i>Squalus acanthias</i> COI-5P EU074608	Patagonia (Argentina)	Mabragaña E, Díaz de A, Hanner R, et al. ³⁰
FARG227-06 <i>Squalus acanthias</i> COI-5P EU074603	Patagonia (Argentina)	Mabragaña E, Díaz de A, Hanner R, et al. ³⁰
FARG228-06 <i>Squalus acanthias</i> COI-5P EU074604	Patagonia (Argentina)	Mabragaña E, Díaz de A, Hanner R, et al. ³⁰
FARG254-06 <i>Squalus acanthias</i> COI-5P EU074600	Patagonia (Argentina)	Mabragaña E, Díaz de A, Hanner R, et al. ³⁰
FARG255-06 <i>Squalus acanthias</i> COI-5P EU074599	Patagonia (Argentina)	Mabragaña E, Díaz de A, Hanner R, et al. ³⁰
FARG255-06 <i>Squalus acanthias</i> COI-5P EU074599	Patagonia (Argentina)	Mabragaña E, Díaz de A, Hanner R, et al. ³⁰
FARG334-07 <i>Squalus acanthias</i> COI-5P EU074602	Uruguay	Mabragaña E, Díaz de A, Hanner R, et al. ³⁰

FOAE100-06 Squalus acanthias COI-5P EF539291	USA. Gulf of Maine	Ward et al. ³¹
FOAE101-06 Squalus acanthias COI-5P EF539290	USA. Gulf of Maine	Ward et al. ³¹
FOAE102-06 Squalus acanthias COI-5P EF539289	USA. Gulf of Maine	Ward et al. ³¹
FOAE103-06 Squalus acanthias COI-5P EF539288	USA. Gulf of Maine	Ward et al. ³¹
FOAE104-06 Squalus acanthias COI-5P EF539287	USA. Gulf of Maine	Ward et al. ³¹
FOAE105-06 Squalus acanthias COI-5P EF539286	Chile, Isla Mocha	w/ref
FOAE106-06 Squalus acanthias COI-5P EF539285	Chile, Isla Mocha	w/ref
FOAE107-06 Squalus acanthias COI-5P EF539284	Chile, Isla Mocha	w/ref
FOAE108-06 Squalus acanthias COI-5P EF539283	Chile, Isla Mocha	w/ref
FOAE109-06 Squalus acanthias COI-5P EF539282	Chile, Isla Mocha	w/ref
GNSHK119-08 Squalus acanthias COI-5P	New Zealand	w/ref
GNSHK120-08 Squalus acanthias COI-5P	New Zealand	w/ref
SCAFB733-07 Squalus acanthias COI-5P KC015925	USA	McCusker MR et al. ³²
SCFAC252-06 Squalus acanthias COI-5P KC015924	Canada	McCusker MR et al. ³²
SCFAC278-06 Squalus acanthias COI-5P KC015927	USA	McCusker MR et al. ³²
SCFAC290-06 Squalus acanthias COI-5P KC015929	USA	McCusker MR et al. ³²
SCFAC626-06 Squalus acanthias COI-5P KC015926	Canada	McCusker MR et al. ³²
SCAFB538-07 Squalus acanthias COI-5P KC015930	Canada	McCusker MR et al. ³²
ANGBF47316-19 Squalus blainville COI-5P MF828603	Italy	w/ref
DSFSE089-07 Squalus blainville COI-5P JF494585	South Africa	w/ref
DSFSE325-08 Squalus blainville COI-5P JF494586	South Africa	w/ref
ELAME1194-11 Squalus blainville COI-5P KT307442	Italy	w/ref
FOAN218-11 Squalus megalops COI-5P JN313284	West Australia	w/ref
FOAN219-11 Squalus megalops COI-5P JN313285	West Australia	w/ref
FOAN220-11 Squalus megalops COI-5P JN313286	West Australia	w/ref
ELAME1195-11 Squalus blainville COI-5P KT307443	Italy	w/ref
FMV001-08 Squalus suckleyi COI-5P JQ354502	USA. Pacific Ocean	w/ref
FMV095-08 Squalus suckleyi COI-5P JQ354504	USA. Pacific Ocean	w/ref
FMV096-08 Squalus suckleyi COI-5P JQ354503	USA. Pacific Ocean	w/ref
MFC419-08 Squalus suckleyi COI-5P GU440530	USA. California. Pacific Ocean.	w/ref

TZFPB114-05 <i>Squalus suckleyi</i> COI-5P FJ165374	Canada. Pacific Ocean	Dirk Steinke et al. ³¹
TZFPB141-05 <i>Squalus suckleyi</i> COI-5P FJ165368	Canada. Pacific Ocean	Dirk Steinke et al. ³¹
TZFPB168-05 <i>Squalus suckleyi</i> COI-5P FJ165373	Canada. Pacific Ocean	Dirk Steinke et al. ³¹
TZFPB465-06 <i>Squalus suckleyi</i> COI-5P FJ165376	Canada. Pacific Ocean	Dirk Steinke et al. ³¹
GBGC9594-09 <i>Squalus cubensis</i> FN431670.1	Gulf of Mexico	BOLD
GNSHK129-08 <i>Squalus acanthias</i>	USA. Rhode Island	BOLD by Hanner
GNSHK047-11 <i>Squalus cubensis</i>	Gulf of Mexico	BOLD by Hanner
