

Table S3. List of *COI* sequences of *A. coerulea* (*Aurelia* sp.1) retrieved from the GenBank database and used in the phylogenetic analysis

<u>Country</u>	<u>Location collected</u>	<u>Accession No.</u>
KOREA	Incheon	EF010537
KOREA	Yeosu	EU010386
KOREA	Busan	EU366143
JAPAN	Tokyo Bay 1	AY903116
JAPAN	Tokyo Bay 2	AY903203
JAPAN	Tokyo Bay 3	AY903204
JAPAN	Tokyo Bay 4	AY903205
JAPAN	Tokyo Bay 5	AY903207
JAPAN	Miyazu 1	AY903168
JAPAN	Miyazu 2	AY903169
JAPAN	Miyazu 3	AY903170
JAPAN	Miyazu 4	AY903171
JAPAN	Sakata Bay 1	AY903187
JAPAN	Sakata Bay 2	AY903188
JAPAN	Uwa Bay 1	AY903190
JAPAN	Uwa Bay 2	AY903191
JAPAN	Uwa Bay 3	AY903192
JAPAN	Uwa Bay 4	AY903193
JAPAN	Ondo 1	AY903194
JAPAN	Ondo 2	AY903195
JAPAN	Ondo 3	AY903196
JAPAN	Ondo 4	AY903197
JAPAN	Ondo 5	AY903199
JAPAN	Ondo 6	AY903200
JAPAN	Ondo 7	AY903201
JAPAN	Ondo 8	AY903202
JAPAN	Unkwoun region 1	LC191578
JAPAN	Unkwoun region 2	LC191579
JAPAN	Unkwoun region 3	LC191580
CHINA	Yellow Sea 1	KP692769
CHINA	Yellow Sea 2	KP692775
CHINA	Yellow Sea 3	KP692776
CHINA	Yellow Sea 4	KP692777
CHINA	Yellow Sea 5	KP692778
CHINA	Yellow Sea 6	KP692779

CHINA	Yellow Sea 7	KP692780
CHINA	Yellow Sea 8	KP692781
CHINA	Yellow Sea 9	KP692782
CHINA	Yellow Sea 10	KP692783
CHINA	Yellow Sea 11	KP692784
CHINA	Yellow Sea 12	KP692785
CHINA	Yellow Sea 13	KP692786
CHINA	Bohai Sea 1	KP692768
CHINA	Bohai Sea 2	KP692770
CHINA	Bohai Sea 3	KP692771
CHINA	Bohai Sea 4	KP692772
CHINA	Bohai Sea 5	KP692773
CHINA	Bohai Sea 6	KP692774
CHINA	North China Sea	JQ353728
CHINA	Unknown region 1	HM053519
CHINA	Unknown region 2	JQ353726
CHINA	Unknown region 3	JQ353727
CHINA	Unknown region 4	JX845349
CHINA	Unknown region 5	KF962060
CHINA	Unknown region 6	KJ733900
CHINA	Unknown region 7	KJ733901
AUSTRALIA	West-Perth 1	AY903177
AUSTRALIA	West-Perth 2	AY903178
AUSTRALIA	West-Perth 3	AY903179
AUSTRALIA	West-Perth 4	AY903180
AUSTRALIA	Sydney 1	AY903130
AUSTRALIA	Sydney 2	AY903131
AUSTRALIA	Sydney 3	AY903182
AUSTRALIA	Sydney 4	AY903183
AUSTRALIA	Sydney 5	AY903184
AUSTRALIA	Colla Lake 1	AY903146
AUSTRALIA	Colla Lake 2	AY903147
AUSTRALIA	Colla Lake 3	AY903148
AUSTRALIA	Colla Lake 4	AY903149
AUSTRALIA	Illawarra Lake 1	AY903152
AUSTRALIA	Illawarra Lake 2	AY903153
AUSTRALIA	Illawarra Lake 3	AY903154
AUSTRALIA	Tuggerah Lake 1	AY903155

AUSTRALIA	Tuggerah Lake 2	AY903156
AUSTRALIA	Tuggerah Lake 3	AY903157
AUSTRALIA	Tuggerah Lake 4	AY903158
AUSTRALIA	Tuggerah Lake 5	AY903159
AUSTRALIA	Tuggerah Lake 6	AY903160
AUSTRALIA	Macquarie Lake	AY903161
AUSTRALIA	Mooloolaba	AY903167
AUSTRALIA	Darling Harbour	AY903143
AUSTRALIA	Huon Estuary	AY903151
AMERICA	Marinadelrey 1	AY903078
AMERICA	Marinadelrey 2	AY903079
AMERICA	Marinadelrey 3	AY903080
AMERICA	LongBeach 1	AY903084
AMERICA	LongBeach 2	AY903085
AMERICA	Sandiego 1	AY903089
AMERICA	Sandiego 2	AY903091
AMERICA	Sandiego 3	AY903092
EUROPE	Varano Lagoon 1	KX691552
EUROPE	Varano Lagoon 2	KX691553
EUROPE	Varano Lagoon 3	KX691554
EUROPE	Varano Lagoon 4	KX691555
EUROPE	Varano Lagoon 5	KX691556
EUROPE	Varano Lagoon 6	KX691557
EUROPE	Varano Lagoon 7	KX691558
EUROPE	Varano Lagoon 8	KX691559
EUROPE	Varano Lagoon 9	KX691560
EUROPE	Empuriabrava 1	KX691585
EUROPE	Empuriabrava 2	KX691586
EUROPE	Empuriabrava 3	KX691587
EUROPE	Empuriabrava 4	KX691588
EUROPE	Empuriabrava 5	KX691589
EUROPE	Empuriabrava 6	KX691590
EUROPE	Empuriabrava 7	KX691591
EUROPE	Empuriabrava 8	KX691592
EUROPE	Empuriabrava 9	KX691593
EUROPE	Empuriabrava 10	KX691594
EUROPE	Empuriabrava 11	KX691595
EUROPE	Empuriabrava 12	KX691596

EUROPE	Empuriabrava 13	KX691597
EUROPE	Empuriabrava 14	KX691598
EUROPE	Empuriabrava 15	KX691599
<u>EUROPE</u>	<u>Sabaudia Lake</u>	<u>KX691584</u>