



# Supplementary Material

## Molecular Identification of Mediterranean three *Spicara* Species to Improve 16S rRNA Partial Region Sequences

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**Supplementary Table 1:** Parsimony informative sites of total *Spicara* spp. based on 469 bp. 16S rRNA region sequences.

		Parsimony Informative Sites of 16S rRNA																									
Species name	Codes of samples	9	35	67	90	91	92	125	133	141	155	157	167	172	179	238	239	250	258	262	265	272	283	291	315	331	385
<i>S.flexuosa</i>	JF795033	C	G	C	A	T	A	G	G	C	A	T	G	A	C	C	C	C	C	G	A	A	C	G	C	G	
<i>S.flexuosa</i>	JF795034	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>S.flexuosa</i>	462	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>S.flexuosa</i>	224	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>S.flexuosa</i>	222	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>S.flexuosa</i>	223	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>S.flexuosa</i>	232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>S.flexuosa</i>	212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>S.flexuosa</i>	213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>S.flexuosa</i>	214	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>S.flexuosa</i>	215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>S.flexuosa</i>	217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>S.flexuosa</i>	218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>S.flexuosa</i>	f	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>S.flexuosa</i>	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



<i>S. maena</i> 497	-	-	.	-	-	-	A	.	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 484	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> FJ625835	-	-	.	-	-	-	A	.	-	-	-	-	-	-	-	-	-	-	--							
<i>S. maena</i> 495	-	-	.	-	-	-	A	.	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 507	-	-	.	-	-	-	A	.	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 480	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 481	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 485	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 486	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 487	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 488	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 489	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 490	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 492	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 493	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 496	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 501	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 507	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 503	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-							
<i>S. maena</i> 504	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-							
<i>S. smaris</i> KF796614	T	A	T	A	G	A	A	A	C	T	A	A	G	C	A	C	A	T	T	-	C	T	T	A	C	A
<i>S. smaris</i> KF796615	T	A	T	A	G	A	A	-	C	-	.	-	G	-	A	C	-	-	-	-	-	-	-	-	-	-