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## Estimations of free fatty acids (FFA) as a reliable proxy for larval performance in Mediterranean octocoral species

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**Table S1.** Mean values and standard deviation (SD) of free fatty acid (FFA) markers and saturated (SFA), monounsaturated (MUFA) and polyunsaturated fatty acids (PUFA) for *Corallium rubrum*, *Eunicella singularis* and *Paramuricea clavata* larvae.

	<i>Corallium rubrum</i>		<i>Eunicella singularis</i>		<i>Paramuricea clavata</i>	
	Mean	SD	Mean	SD	Mean	SD
C12:0	0.04	0.07	0.12	0.01	0.07	0.06
C13:0	0.00	0.00	0.02	0.03	0.00	0.00
C14:1(n-5)	0.00	0.00	0.04	0.06	0.00	0.00
C14:0	0.50	0.13	0.57	0.17	0.49	0.06
C15:1(n-5)	0.00	0.00	0.05	0.08	0.00	0.00
C15:0	0.23	0.07	0.27	0.07	0.10	0.09
C16:1(n-7)	0.66	0.22	5.73	1.56	1.01	0.05
C16:0	10.12	2.82	12.12	2.33	6.57	1.05
C17:1(n-7)	0.00	0.00	0.00	0.00	0.00	0.00
C17:0	0.51	0.10	0.37	0.13	0.18	0.16
C18:3(n-6)	0.00	0.00	1.08	0.70	0.00	0.00
C18:4(n-3)	2.37	0.80	1.75	2.71	0.14	0.12
C18:2(n-6)	4.30	0.94	0.73	0.82	9.44	3.88
C18:3(n-3)	5.39	1.22	17.29	14.82	2.40	1.11
C18:1(n-9)	62.44	6.70	19.09	16.57	27.86	14.71
C18:0	3.92	0.84	3.49	0.74	2.95	0.45
C20:4(n-6)	1.69	0.09	8.42	6.14	25.89	9.93
C20:5(n-3)	0.49	0.43	1.54	0.80	3.32	0.58
C20:3(n-6)	0.59	0.52	2.16	0.39	3.23	1.42
C20:4(n-3)	0.00	0.00	0.24	0.14	0.57	0.14
C20:2(n-6)	0.49	0.09	5.51	1.43	0.27	0.23
C20:1(n-9)	0.75	0.04	1.06	0.31	0.50	0.44
C20:0	0.17	0.02	0.12	0.03	0.08	0.07

*Continued*

*Table S1 continued*

	<i>Corallium rubrum</i>		<i>Eunicella singularis</i>		<i>Paramuricea clavata</i>	
	Mean	SD	Mean	SD	Mean	SD
C21:0	0.35	0.05	0.41	0.26	0.62	0.58
C22:5	0.00	0.00	0.08	0.08	0.14	0.12
C22:6(n-3)	0.00	0.00	2.15	1.93	4.59	1.36
C22:4	0.30	0.09	0.22	0.28	0.29	0.25
C22:5(n-x)	0.00	0.00	0.05	0.09	0.00	0.00
C22:2(n-6)	1.08	0.10	0.35	0.20	0.96	0.69
C22:1(n-9)	0.00	0.00	0.60	0.07	0.63	0.55
C22:0	0.67	0.05	8.59	14.16	1.46	1.32
C23:0	0.94	0.33	0.45	0.27	0.97	0.39
C24:PUFA	0.36	0.09	2.58	1.29	3.43	0.62
C24:1(n-9)	0.69	0.08	0.45	0.15	0.88	0.32
C24:0	0.94	0.12	0.45	0.11	0.96	0.47
SFA	18.39	4.37	26.98	11.60	14.45	1.48
MUFA	65.61	6.32	26.77	17.40	31.21	15.26
PUFA	15.98	2.08	46.26	6.17	54.33	13.87