

Low energy cost for cultured pearl formation in grafted chimeric *Pinctada margaritifera*

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Data set 1 : Physiological measurements in grafted and non grafted pearl oysters.

Series	Recipient oyster n°	Treatment	Shell weight (g)	Condition index (CI)	O ₂ consumption (mg h ⁻¹ g ⁻¹)	Pearl nacre weight (g)
1	1	control	173.2	0.026	0.656	0.9813 1.1592
	2	control	226.6	0.021	0.426	
	3	grafted	193.9	0.025	0.528	
	4	grafted	234	0.024	0.674	
2	5	control	162.9	0.026	0.736	1.0464 0.6641
	6	control	199	0.025	0.569	
	7	grafted	185.8	0.027	0.408	
	8	grafted	177.8	0.029	0.644	
3	9	control	148.8	0.031	0.648	0.8673 0.8046
	10	control	123.2	0.032	0.779	
	11	grafted	206.3	0.025	0.575	
	12	grafted	155.8	0.028	0.833	
4	13	control	134.3	0.029	0.609	1.1449 0.5248
	14	control	139.4	0.024	0.647	
	15	grafted	172.3	0.024	0.630	
	16	grafted	139.5	0.022	0.722	
5	17	grafted	164.5	0.026	0.573	0.7613 0.6487
	18	grafted	172.7	0.028	0.518	
	19	control	115.9	0.030	0.514	
	20	control	157.7	0.024	0.580	
6	21	control	160.62	0.023	0.648	0.6393 0.7530
	22	control	167.68	0.025	0.596	
	23	grafted	175.29	0.027	0.585	
	24	grafted	147.91	0.028	0.565	
7	25	control	165.3	0.028	0.598	0.9134 0.7621
	26	control	168.2	0.026	0.544	
	27	grafted	142.7	0.028	0.429	
	28	grafted	203.8	0.023	0.623	
8	29	control	195.6	0.022	0.578	0.7221
	30	control	136.2	0.025	0.668	
	31	grafted	190.8	0.026	0.558	
	32	grafted	207.4	0.025	0.736	
9	33	control	134.1	0.031	0.600	1.1090 0.9842
	34	control	150.1	0.023	0.578	
	35	grafted	209.2	0.025	0.501	
	36	grafted	143.9	0.027	0.624	
10	37	control	165.4	0.026	0.486	1.5140 1.2424
	38	control	173.6	0.022	0.624	
	39	grafted	208.9	0.020	0.576	
	40	grafted	219.2	0.021	0.637	

Data set 2 : Experimental grafting design

Donor oyster	Recipient oyster n°
E	3
E	4
E	32
A	7
A	8
A	11
A	12
A	17
A	18
A	35
A	36
B	15
B	16
B	23
B	24
B	39
B	40
C	27
C	28